

How to use Script Administration Tool (SAT) DaSeT

User Manual

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Part 1 - Features

Script administration tool is WEB based and protected by SSL tool for management of all DaSet robots. It shows all services which are on the selected script on robot. Scripts and tests can be created, modified, or removed. You can filter the view for tests, scripts and robots. Created script is applicable to one or more robots and it is not necessary to connect to robots. The tool is available at www.daset.sk/sat.

In **List of scripts**, you can choose and edit script in selected country (ACTIVE or INACTIVE). You can see in the list Script name, ID, Usages and on which robots the script is. When you click on the arrow on the right side of the list, you can see an overview of the script.

SCRIPT ADMINISTRATION TOOL

LIST OF SCRIPTS

HELLO SLOVAKIA

Create new script Load a script Add new service Edit existing service

ACTIVE INACTIVE Search script name / robot Table view EXPORT CSV

Script name	Script ID	Usages	Robots	Actions
4G/5G_SLOVAKIA	3279	3	E2E-LTE-KO, E2E-LTE-MT, E2E-LTE-TT	[Edit] [Delete]
BA-VOSET-MASTER	893	1	BA-VOSET-MASTER	[Edit] [Delete]
BB-VOSET-MASTER	674	1	BB-VOSET-MASTER	[Edit] [Delete]
CLIR aktivacia a deaktivacia	865	1	MOB-ECARE-BB2	[Edit] [Delete]
CyberFilter_All	2102	1	E2E-CYBERFILTER	[Edit] [Delete]
DEV-KAPICAK4	3224	1	DEV-KAPICAK	[Edit] [Delete]
DMS_actual	3582	1	E2E-DMS-BB	[Edit] [Delete]
DNS AllinOne	2540	1	E2E-DNS	[Edit] [Delete]
DSLITE_bez FTP	3065	1	E2E-DSLITE	[Edit] [Delete]
E2E-112-BA	1078	1	E2E-112-BA	[Edit] [Delete]
E2E-112-BB	1079	1	E2E-112-BB	[Edit] [Delete]
E2E-112-KE	1080	1	E2E-112-KE	[Edit] [Delete]
E2E-112-MT	1081	1	E2E-112-MT	[Edit] [Delete]
E2E-112-NR	1082	1	E2E-112-NR	[Edit] [Delete]
E2E-112-PO	1083	1	E2E-112-PO	[Edit] [Delete]
E2E-112-TN	1084	1	E2E-112-TN	[Edit] [Delete]

Script administration tool – List of scripts

In **List of robots**, you can see active scripts on robots, their status, location, if there is smartphone, service, and possible actions. This list is also visible on **HOME** page.



- **Stop robot**



- **Edit robot script**



- **Edit robot information**

Edit robot information window



- **Show robot settings**



- **Delete robot from SAT**

orange

SCRIPT
ADMINISTRATION
TOOL

HOME

LIST OF SCRIPTS

LIST OF ROBOTS

LIST OF SERVICES

HELP

LIST OF ROBOTS

HELLO

SLOVAKIA

LIST of running robots and scripts they use

Search

RELOAD DATA

EXPORT CSV

Robot name	Active scripts	Robot status	Location	Smartphone	Service	Actions
BA-VOSET-MASTER	BA-VOSET-MASTER	Running	Bratislava (Racianska) 2G Master		2G Voice	<div></div>
BB-VOSET-MASTER	BB-VOSET-MASTER	Running	Banska Bystrica 2G Master		2G Voice	<div></div>
BDP-BBYSTRICA	SkyToll	Running	Banska Bystrica		Skytoll	<div></div>
BDP-BRODSKE	SkyToll	Running	Brodske		Skytoll	<div></div>
BDP-CUNOVO	SkyToll	Running	Cunovo		Skytoll	<div></div>
BDP-DRIETOMA	SkyToll	Running	Drietoma		Skytoll	<div></div>
BDP-KOMARNIK	SkyToll	Running	Komarnik		Skytoll	<div></div>
BDP-MILHOST	SkyToll	Running	Milhost		Skytoll	<div></div>
BDP-SAHY	SkyToll	Running	Sahy		Skytoll	<div></div>
BDP-SVRGINOVEC	SkyToll	Running	Svrcinovec		Skytoll	<div></div>
BDP-TRSTENA	SkyToll	Running	Trstena		Skytoll	<div></div>
DEV-KAPICAK	DEV-KAPICAK4	Stopped	unknown			<div></div>
EZE-112-BA	EZE-112-BA	Running	Bratislava(Kopclanska)		112 Voice	<div></div>

Script administration tool – List of robots

In **List of services**, you can see list of types of services on the left side, template name, details, robot usage and actions (Edit service option).

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SCRIPT
ADMINISTRATION
TOOL

HOME

LIST OF SCRIPTS

LIST OF ROBOTS

LIST OF SERVICES

HELP

LIST OF SERVICES

HELLO

SLOVAKIA

Create new script

Load a script

Add new service

Edit existing service

Search service / function

Table view

EXPORT CSV

	Service	Template name	Details	Robot usage	Actions
Android	Android	2G_Network		0	<div></div>
Connect APN	Android	3G_Network		0	<div></div>
DHCP	Android	Android_Messages_Read		1	<div></div>
DNS	Android	Android_Messages_Read		1	<div></div>
Delete SMS	Android	Android_Messages_Send		1	<div></div>
DetachAttach	Android	Android_Messages_Send_Telekom		1	<div></div>
Disconnect APN	Android	Android_Messages_delete_conversation		1	<div></div>
Email Download	Android	Android_Messages_delete_conversation1		1	<div></div>
Email Upload	Android	BackupExpert		1	<div></div>
FTP File DL	Android	CheckStatusConnected		1	<div></div>
FTP File UL	Android	CheckStatusConnected1		1	<div></div>
HTTP File DL	Android	Chrome_Google		1	<div></div>
HTTP File DL Capacity	Android	Chrome_Google_RS8RA23GB9D		0	<div></div>
HTTP File DL FDTT	Android	Chrome_Google_RS8RA23GC9V		1	<div></div>
HTTP File UL	Android	CleanNotifications		0	<div></div>
		CleanNotifications RS8RA23GC9V			<div></div>

Script administration tool – List of services

DELETE

Edit test - Android

DUPLICATE

Template name *

2G_Network

Show advanced parameters

ProfileName *

2G_Network

AppPackage_Or_Browser *

com.samsung.networkui

AppActivity_Or_URL *

com.samsung.networkui.MobileNetworkSettings

☐ ClearAppData *

Timeout [sec]

If blank, default value will be used (180).

CLOSE

SAVE CHANGES

Edit service window

In **Help**, you can find presentation (manual) about Script administration tool.

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SCRIPT
ADMINISTRATION
TOOL

HOME

LIST OF SCRIPTS

LIST OF ROBOTS

LIST OF SERVICES

HELP

≡

HELP

HELLO

SLOVAKIA

Contact support

In case you need assistance, please contact us via [ticket system](#).

How to use Script Administration Tool

To see new features and guides how to use Script Administration Tool, please follow this [documentation](#).

DaSeT/VoSeT Script Administration Tool

1 / 20 100%

1

2

3

4

DaSeT/VoSeT

Script Administration Tool

Script administration tool – List of services

Part 2 – How to update service in all scripts

Step 1:

The screenshot shows the 'LIST OF SERVICES' page in the SCRIPT Administration Tool. The left sidebar has a callout: '1. Go to the list of services'. The main area has buttons for 'Create new script', 'Load a script', 'Add new service', and 'Edit existing service'. A search bar is present with a callout: '2. Or use Search'. A table lists services for Android, with a callout: '2. Select service from the list'. The table has columns for Service, Template name, Details, Robot usage, and Actions. A callout points to the 'HOME' button in the sidebar: '1. Or click here on HOME screen'. Another callout points to the 'Edit' icon in the Actions column: '3. Click on Edit'.

Service	Template name	Details	Robot usage	Actions
Connect APN	2G_Network		0	[Edit]
DHCP	3G_Network		0	[Edit]
DNS	Android_Messages_Read		1	[Edit]
	Android_Messages_Read		1	[Edit]

How to open "Edit test" window

Step 2:

The screenshot shows the 'Edit test - Web Page' dialog box. Callouts include: '1. Or use Delete' pointing to the 'DELETE' button; '1. Or create a duplicate with different values e.g. timeout' pointing to the 'DUPLICATE' button; '1. Update details' pointing to the 'URL' field; and '2. Changes are updated automatically on all robots where this test is used' pointing to the 'SAVE CHANGES' button. The dialog contains fields for Template name, Show advanced parameters, URL, Browser, Timeout, SearchStrings, and Status.

Template name *
chrome_youtube

☐ Show advanced parameters

URL *
http://www.daset.sk/youtube/youtube_v3_html5.html?id=w9vsH5RzLH4&quality=hd2160

Browser
Chrome

If blank, default value will be used (Chrome).

Timeout [sec]
240

If blank, default value will be used (180).

SearchStrings *
Status:

CLOSE SAVE CHANGES

Options with "Edit test" window

Part 3 – How to update script

Step 1:

1. Go to the List of scripts

1. Or click here on HOME screen

2. Select Active or Inactive script

3. Click EDIT SCRIPT

How to open robots' script

Script name	Script ID	Usages	Robots	Actions
4G/5G_SLOVAKIA	3279	3	E2E-LTE-KO, E2E-LTE-MT, E2E-LTE-TT	[Edit] [Delete]
BA-VOSET-MASTER	893	1	BA-VOSET-MASTER	[Edit] [Delete]
BB-VOSET-MASTER	674	1	BB-VOSET-MASTER	[Edit] [Delete]
CLIR aktivacia a deaktivacia	865	1	MOB-ECARE-BB2	[Edit] [Delete]
CyberFilter_All	2102	1	E2E-CYBERFILTER	[Edit] [Delete]
DEV-KAPICAK4	3224	1	DEV-KAPICAK	[Edit] [Delete]

Step 2:

1. Use Search to find service you want to add

1. Or scroll down and use drag and drop to add service to the script

2. Click CONTINUE if you want to send script to the robot

2. Or click BACKUP SCRIPT if you want to create backup. Script will be saved as NOT ACTIVE script

2. Or click DISCARD to go back

1. Click Disable/PCAP/Delete/Edit/Copy to perform changes with specific test

Options what to do with script and how to save it/send to robot.

Script name: E2E-112-BB
Robots: E2E-112-BB

Drag&drop or add tests from left panel to this area. You can choose between 'New / existing' services in left combobox. To rearrange services, drag them up and down with mouse, or use mouse to scroll them up/down.

Type of Test	Name	Actions
Script Start	10	[Disable] [PCAP] [Delete] [Edit] [Copy]
Modem Init	idle_E2E-112-BB	[Disable] [PCAP] [Delete] [Edit] [Copy]
Wait	10	[Disable] [PCAP] [Delete] [Edit] [Copy]
VOICEMOBILE	E2E-112-BB_Master	[Disable] [PCAP] [Delete] [Edit] [Copy]
Wait	10	[Disable] [PCAP] [Delete] [Edit] [Copy]
Upload to DB	OSK	[Disable] [PCAP] [Delete] [Edit] [Copy]
Wait	10	[Disable] [PCAP] [Delete] [Edit] [Copy]
Script Loop	50 restart pc	[Disable] [PCAP] [Delete] [Edit] [Copy]

Part 4 – How to send script to the robot

Step 1:

1. Or click here on HOME screen

1. Go to the List of scripts

2. Select Active or Inactive script

3. Click EDIT SCRIPT

Script name	Script ID	Usages	Robots	Actions
4G/5G_SLOVAKIA	3279	3	E2E-LTE-KIO, E2E-LTE-MT, E2E-LTE-TT	[Edit] [Delete]
BA-VOSET-MASTER	893	1	BA-VOSET-MASTER	[Edit] [Delete]
BB-VOSET-MASTER	674	1	BB-VOSET-MASTER	[Edit] [Delete]
CLIR aktivacia a deaktivacia	865	1	MOB-ECARE-BB2	[Edit] [Delete]
CyberFilter_All	2102	1	E2E-CYBERFILTER	[Edit] [Delete]
DEV-KAPICAK4	3224	1	DEV-KAPICAK	[Edit] [Delete]

How to open robots' script

Step 2:

1. Click CONTINUE to send script to the robot

Script name: FTTH_Raspberry

Robots: E2E-RASPBERRY4

CONTINUE

DISCARD CHANGES BACKUP SCRIPT

Drag&drop or add tests from left panel to this area. You can choose between "New / existing" services in left combobox. To rearrange services, drag them up and down with mouse, or use mouse to scroll.

Type of Test	Name	Actions
Script Start	5	[Edit] [Delete]
LAN Settings	Raspberry	[Edit] [Delete]
PING	daset	[Edit] [Delete]
HTTP File DL	Daset_500MB	[Edit] [Delete]
HTTP File UL	Daset_5MB	[Edit] [Delete]
Web Page	www.google.com	[Edit] [Delete]
Upload to DB	sql	[Edit] [Delete]
Script Loop	0	[Edit] [Delete]

How to continue choosing on which robot script will be sent.

Step 3:

SEND SCRIPT

Script name: FTTH_Raspberry

SEND TO ROBOT

BACK **BACKUP SCRIPT**

1 Robots Selection

Robots to use script: E2E-RASPBERRY4

☐ Parallel script

Search

RELOAD DATA

Selected ↓ 1	Robot name ↑ 2	Active script	Robots group	Robot status	Location	Service
<input checked="" type="checkbox"/>	E2E-RASPBERRY4	FTTH_Raspberry		Unknown	unknown	
<input type="checkbox"/>	E2E-VOS-QUECT1	Quectel_RM502q		Running	Banska Bystrica	
<input type="checkbox"/>	E2E-VOS-QUECT2	data		Running	Banska Bystrica	

SHOW ROBOT DEVICES SETTINGS

Choosing which robots' script will be updated.

Step 4:

Script sent!

Robots E2E-RASPBERRY4, will start measurements with script FTTH_Raspberry right after they finish current loop in measurement script.

CLOSE

New window with confirmation message

Part 5 – Keyboard shortcuts

The screenshot shows the 'EDIT SCRIPT' interface of the SCRIPT Administration Tool. The left sidebar contains navigation links: HOME, LIST OF SCRIPTS, LIST OF ROBOTS, LIST OF SERVICES, and HELP. The main area is titled 'EDIT SCRIPT' and includes a 'Script name' field (FTTH_Raspberry), a 'Robots' field (E2E-RASPBERRY4), and buttons for 'CONTINUE', 'DISCARD CHANGES', and 'BACKUP SCRIPT'. Below these fields is a list of services with columns for 'Type of Test', 'Name', and 'Actions'. The services listed are: Script Start (5), LAN Settings (Raspberry), PING (daset), HTTP File DL (Daset_500), HTTP File UL (Daset_500), Web Page (http://www.daset.sk), and Uploading (http://www.daset.sk/download/500m). Three yellow callout boxes provide keyboard shortcuts: 1. Use ↑ ↓ keys to move highlighted row. 2. Use CTRL+C, CTRL+V or right click with Copy/Paste options to make a copy of service. 3. Use CTRL or SHIFT + left click to select block of services and CTRL+C to copy them. Then use CTRL+V to paste to desired position.

1. Use ↑ ↓ keys to move highlighted row

2. Use CTRL+C, CTRL+V or right click with Copy/Paste options to make a copy of service

3. Use CTRL or SHIFT + left click to select block of services and CTRL+C to copy them. Then use CTRL+V to paste to desired position

Possible keyboard shortcuts

Part 6 – How to create a new service

Step 1:

SCRIPT ADMINISTRATION TOOL

LIST OF SERVICES

HELLO TEST

Create new script + Load a script Add new service Edit existing service

Search service / function

Service	Template name	Details	Robot usage	Actions
Connect APN	COM28		0	
DNS	COM8		0	
Delete SMS	E2E-TEST_modem_1		0	
Disconnect APN	E2E-TEST_modem_2		0	
HTTP File DL	Internet		2	
HTTP File DL Capacity	MMS_Rec		0	
HTTP File UL	MMS_Send		0	
HTTP File UL Capacity	internet2		1	

Table view EXPORT CSV

How to open "Add new service" window

Step 2:

Add new service / function

1 Select service / function — 2 Configure parameters — 3 Save test

Select service / function

HTTP File DL

CLOSE

2. Select service

3. Click on CONTINUE

CONTINUE

New window used for creating new service – select service/function step.

Step 3:

Add new service / function

1 Select service / function — 2 **Configure parameters** — 3 Save test

HTTP File DL Settings

Robot
E2E-RASPBERRY4

Select robot where service will be used. (For robot related settings)

Template name *
15M Daset

☐ Show advanced parameters

URL *
http://www.das.../sub/uhttp/download/15M

Timeout [sec]
180

If blank, default

MinThroughput [kbps]

Callouts:

- 4. Select robot where this test will be used. You need to select robot to load robot local data, like scenarios, etc.
- 5. Click on the „Show advanced parameters“ for more parameters
- 5. Fill test parameters
- 6. Click on CONTINUE

Buttons: CLOSE, BACK, CONTINUE

New window used for creating new service – configure parameters step.

Step 4:

Add new service / function

1 Select service / function — 2 Configure parameters — 3 **Save test**

Success!

Service / function is ready to be saved! Please confirm this operation.

Buttons: CLOSE, BACK, SAVE & CLOSE

Callout:

- 7. Save created service

New window used for creating new service – save test step.

Step 5:

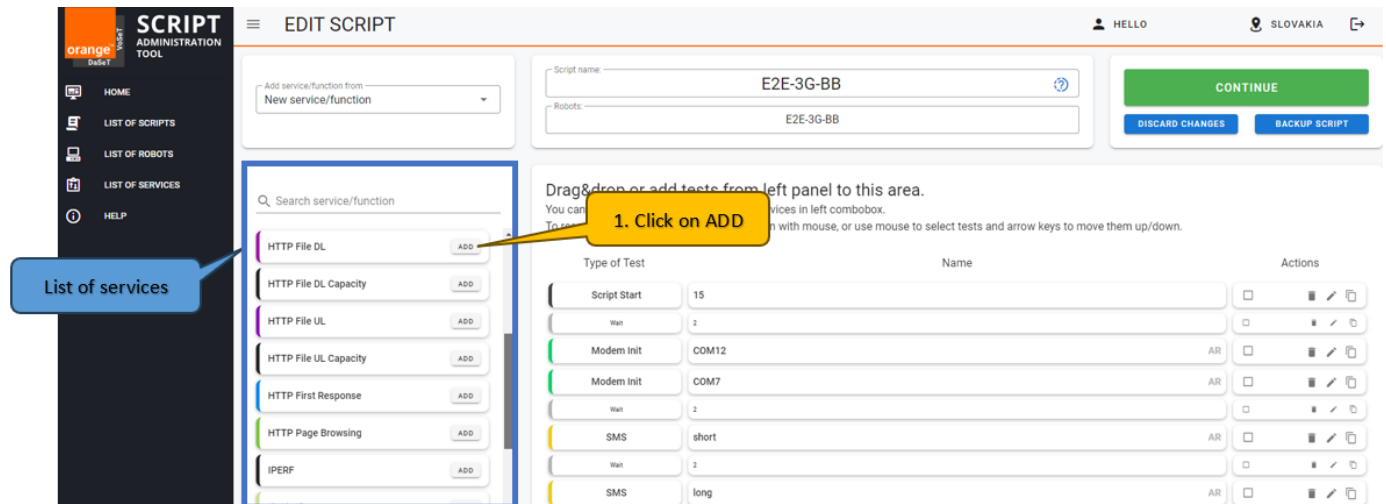
The screenshot shows the 'SCRIPT ADMINISTRATION TOOL' interface. On the left is a sidebar with navigation links: HOME, LIST OF SCRIPTS, LIST OF ROBOTS, LIST OF SERVICES (highlighted), and HELP. The main area is titled 'LIST OF SERVICES' and contains a 'Create new script' button, a 'New service' button, and an 'Edit existing service' button. Below these is a table of services. A yellow callout box with the text '8. New service is available in List of service. To start using this service, go to robot script, add service to script, and send script to robot' points to the '15M Daset' service in the table.

	Service	Template name	Details	Robot usage	Actions
Connect APN	HTTP File DL	15M Daset	http://www.daset.sk/_sub/uhttp/download/15M	0	✎
DNS	HTTP File DL	Daset_15MB	http://www.daset.sk/_sub/uhttp/download/15M	0	✎
Delete SMS	HTTP File DL	Daset_1MB	http://www.daset.sk/_sub/uhttp/download/1m	0	✎
Disconnect APN	HTTP File DL	Daset_500MB	http://www.daset.sk/_sub/uhttp/download/500m	1	✎
HTTP File DL	HTTP File DL	daset.sk 1g 300 ORT	www.daset.sk/_sub/uhttp/download/1g	0	✎
HTTP File DL Capacity	HTTP File DL	daset_4g	http://www.daset.sk/_sub/uhttp/download/100m	1	✎
HTTP File UL	HTTP File DL	www.speedmeter-bb.orange.sk 1G 300 ORT	http://speedmeter-bb.orange.sk/e2e/download/1g.bin	0	✎
HTTP File UL Capacity	HTTP File DL	www.speedmeter-ke.orange.sk 1G 300 ORT	http://speedmeter-ke.orange.sk/e2e/download/1g.bin	0	✎
LAN Settings	HTTP File DL	www.speedmeter.orange.sk 1G 300 ORT	http://speedmeter.orange.sk/e2e/download/1g.bin	0	✎

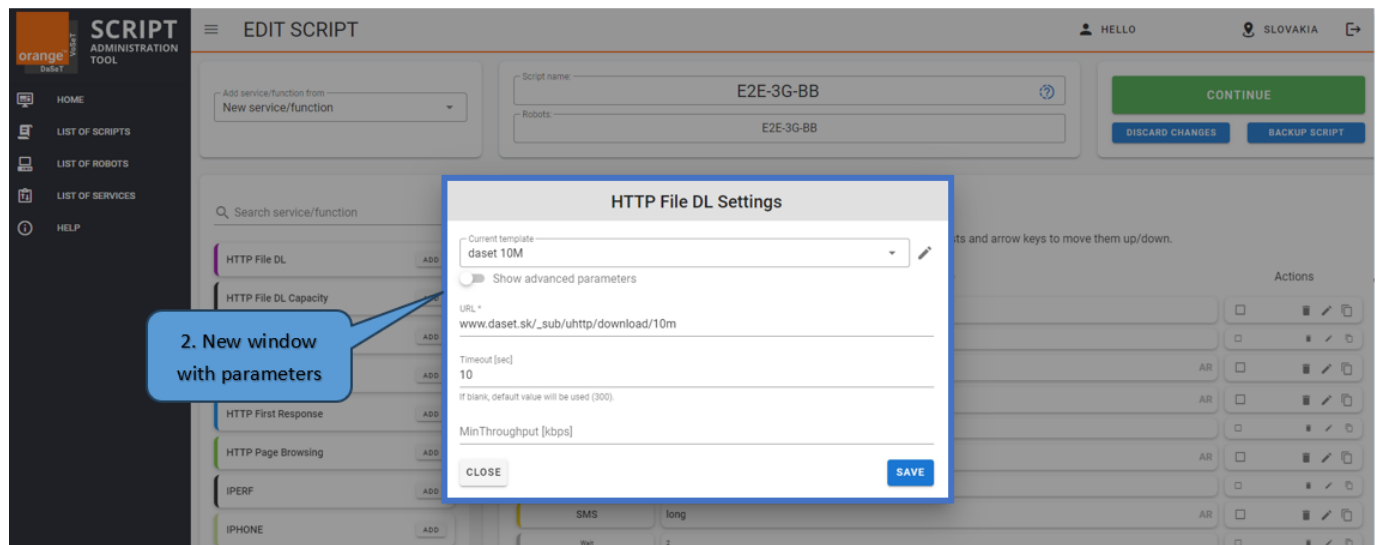
New service visible in List of services

Part 7 – Description of functions and services

When you are editing script in SAT, you can see the list of services you are able to add to the script. The new window where you can specify parameters of the service will appear after clicking on ADD button. List of services is in alphabetical order.



Where to find a list of services possible to add



Example of adding new function/service

Part 7.1 – Android

[Android](#) service is used for testing services on Android device.

Android Settings

Current template
3G_Network

☒ Show advanced parameters

ProfileName *
Calculator

Device (BA-VOSET-MASTER) *
0905018061 (COM16)

AppPackage_Or_Browser *
com.samsung.networkui

AppActivity_Or_URL *
com.samsung.networkui.MobileNetworkSettings

☐ ClearAppData *

Timeout [sec]
If blank, default value will be used (180).

DeviceID

ExpectedDataBearer
ANY

☐ EnableLocalDatabase
Default value (true).

ReportingAlarmingTool
If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new Android service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: DeviceID, ExpectedDataBearer, EnableLocalDatabase, ReportingAlarmingTool and NumberOfRepeatsAfterError

ProfileName – click on combo box and select from combo box the name of profile.

Device (robot name) – click on the combo box and select device for testing.

AppPackage_Or_Browser – set the application package or browser name.

AppActivity_Or_URL – set the application activity or URL.

ClearAppData – check the checkbox if you want to clear app data.

Timeout[sec] – defines timeout in seconds. If the box is blank, default value will be used (180 seconds).

DeviceID – set the device ID.

ExpectedDataBearer – click on combo box and select expected data bearer – type of network (2G/3G/4G/5G/WIFI/ANY). If the box is blank, default value will be used (ANY).

EnableLocalDatabase – if this checkbox is checked, the local database is enabled. Default value is TRUE.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.2 – Connect APN

Connect APN function is used for connection to the APN.

Connect APN Settings

Current template
apnvip

Show advanced parameters

DialUpName (BDP-BRODSKE) *
COM1 - Standard 33600 bps Modem +421917135644 (COM1)

APN *
internet.vip

☐ UseEthernet

☐ UseAPNasEntryInDatabaseOnly

☒ UseCustomPhoneNumber

CustomPhoneNumber *

Username

Password

AuthenticationProtocol
If blank, default value will be used (NONE).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new Connect APN function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: UseEthernet, UseAPNasEntryInDatabaseOnly, UseCustomPhoneNumber, AuthenticationProtocol and NumberOfRepeatsAfterError

DialUpName (robot name) – click on combo box and select modem for this connection.

APN - set the APN name.

UseEthernet – check this checkbox if Ethernet connection should be used.

UseAPNasEntryInDatabaseOnly – check this checkbox if APN is not used for connection but it will be written to the database. This is used just in special cases.

UseCustomPhoneNumber – check this checkbox if custom phone number should be used for connection to the APN (different from default number *99***2#).

CustomPhoneNumber – set custom phone number. This parameter is visible only if UseCustomPhoneNumber checkbox is checked.

Username – set username if it is necessary for connection.

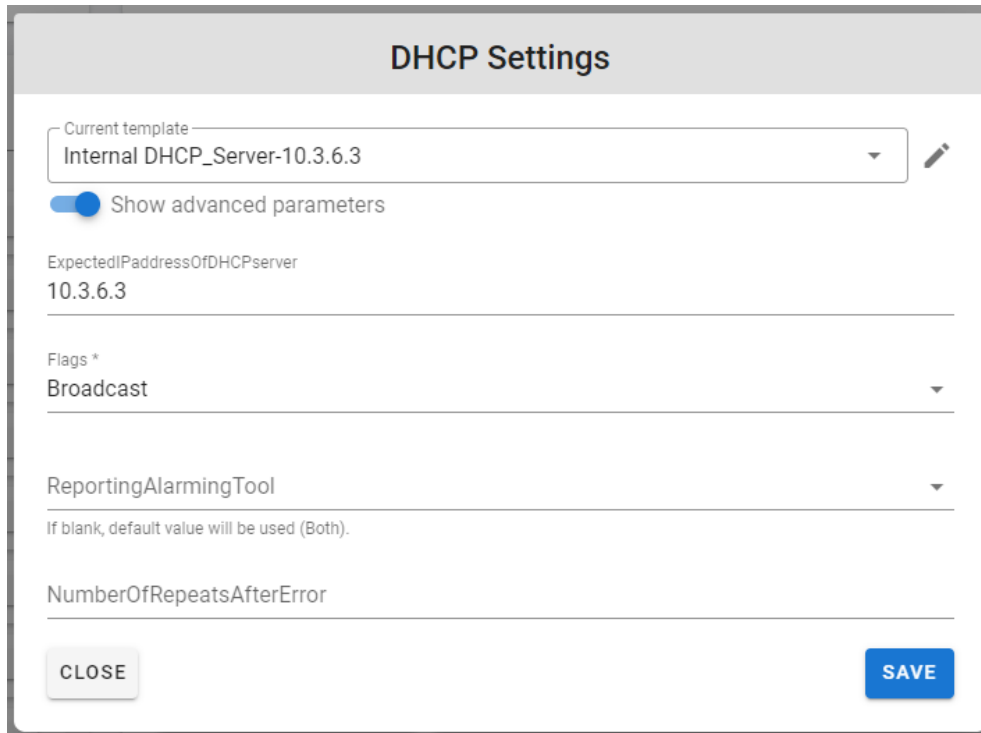
Password – set password if it is necessary for connection.

AuthenticationProtocol – click on combo box and select authentication protocol for this connection (NONE / PAP / CHAP / MsCHAPv2). If combo box is blank, default value will be used (NONE).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.3 – DHCP

DHCP service measures the time it takes the DHCP server to service an IP address request. The DaSeT robot sends a request to the network but waits for an offer of an IP address from a defined DHCP server.



Creating new DHCP service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

ExpectedIPaddressOfDHCPserver – set the IP address of DHCP server.

Flags – click on combo box and select from 2 options (Broadcast/Unicast).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.4 – DNS

DNS service measures the total response time to resolve a hostname or IP address. It uses the UDP protocol to transact with the DNS server. The DNS server is considered as available when the DaSeT receives reply from the server. The DNS tests can be done over 2G/3G/4G/5G/LTE network or ADSL, FTTH, PSTN.

DNS Settings

Current template

adns2.orange.sk

☒ Show advanced parameters

DnsServer *

213.151.222.34

Host *

www.orange.sk

Type

A

If blank, default value will be used (A).

Class

INet

If blank, default value will be used (INet).

Protocol

Udp

If blank, default value will be used (Udp).

ReportingAlarmingTool

Both

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new DNS service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: Type, Class, Protocol, ReportingAlarmingTool and NumberOfRepeatsAfterError

DnsServer – set the IP address of DNS server.

Host – set the host URL address.

Type – click on combo box and choose from several options to specify the type. If the box is blank, default value will be used (A).

Class – click on combo box and choose from three options you want to use as class (Inet/Chaos/Hesoid). If the box is blank, default value will be used (INet).

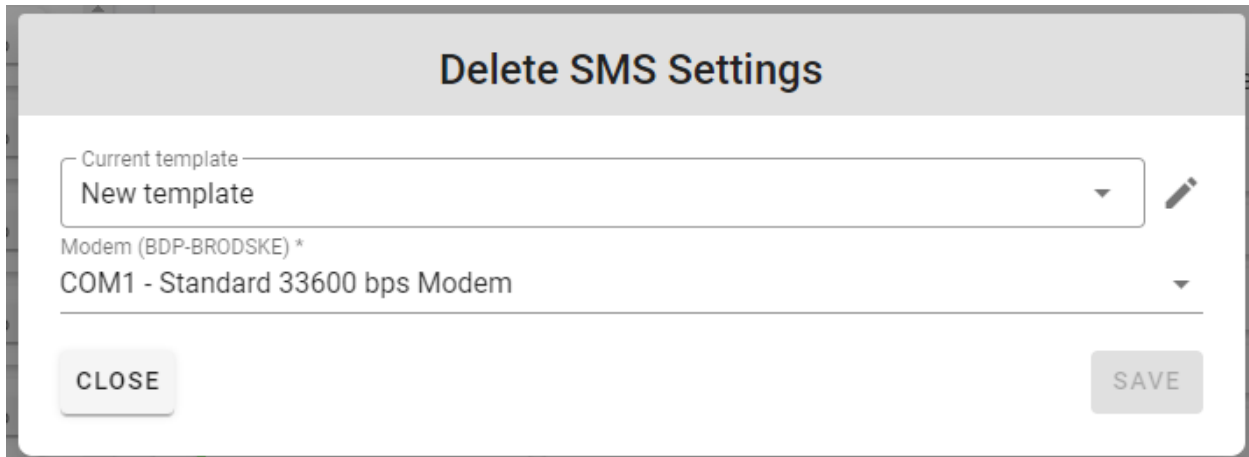
Protocol – click on combo box and select protocol for this test (Udp / Tcp). If combo box is blank, default value will be used (Udp).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.5 – Delete SMS

Delete SMS function deletes all SMS from SIM card. This function should be used before each test where SMS reply is expected (e.g. SMS to short number, USSD with SMS reply). It could not be used before SMS test because SMS function has this function already implemented.

The image shows a 'Delete SMS Settings' dialog box. It has a title bar with the text 'Delete SMS Settings'. Inside the dialog, there is a section labeled 'Current template' with a dropdown menu showing 'New template' and a pencil icon to its right. Below this is a section labeled 'Modem (BDP-BRODSKE) *' with a dropdown menu showing 'COM1 - Standard 33600 bps Modem'. At the bottom of the dialog, there are two buttons: 'CLOSE' on the left and 'SAVE' on the right.

Creating new Delete SMS function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Modem - click on combo box and select modem where SMS will be deleted.

Part 7.6 – DetachAttach

[DetachAttach](#) function is used for detach/attach modem.

Creating new DetachAttach function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: Mode and Command

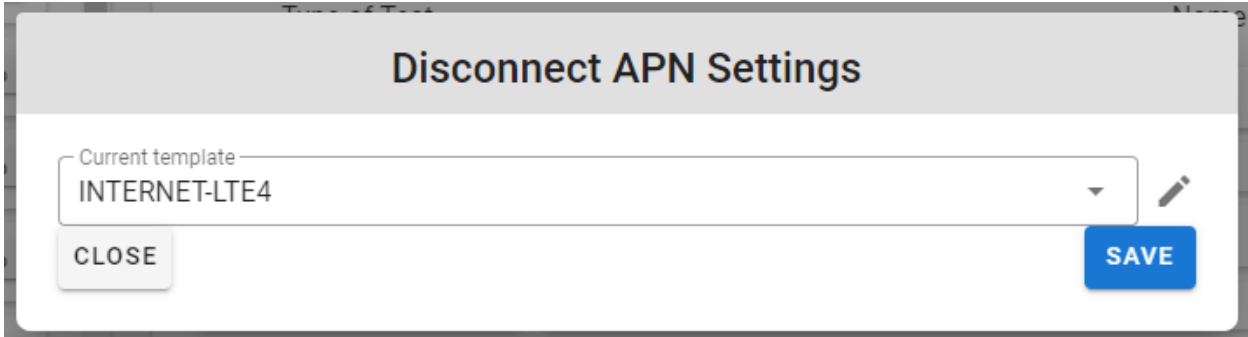
Modem (robot name) – click on combo box and select modem for detach/attach.

Mode – click on combo box and select what you want to do with modem (detach/attach or both). If the box is blank, default value will be used (DetachAttach).

Command – click on combo box and select from 2 commands you want to use (CFUN/CGATT). If the box is blank, default value will be used (CGATT).

Part 7.7 – Disconnect APN

Disconnect APN function is used for disconnection from the APN. This function does not have any options for set up.

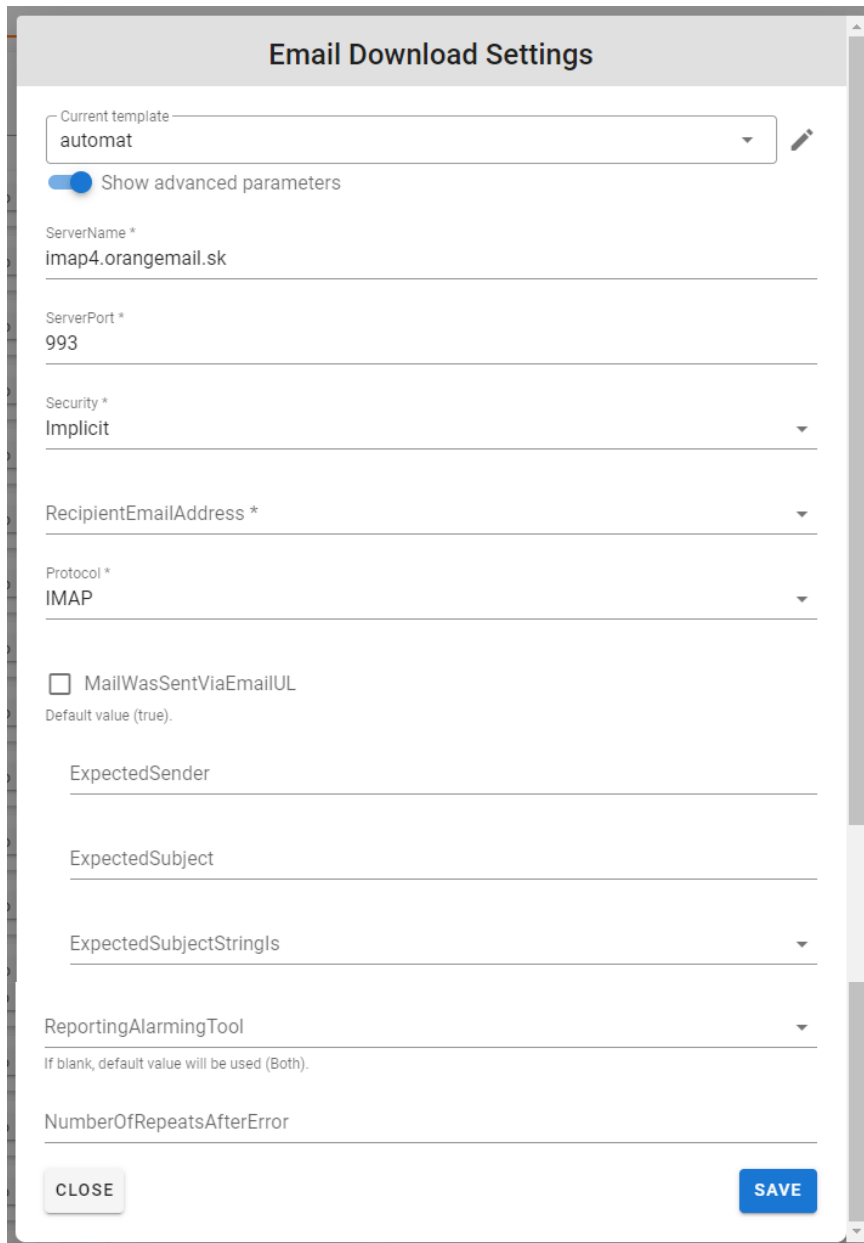
The screenshot shows a dialog box titled "Disconnect APN Settings". Inside the dialog, there is a text input field labeled "Current template" containing the text "INTERNET-LTE4". To the right of the input field is a small downward arrow icon and a pencil icon. Below the input field, there are two buttons: a light gray "CLOSE" button on the left and a blue "SAVE" button on the right.

Creating new Disconnect APN function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Part 7.8 – Email Download

Email Download service is used for testing download the email. This test creates a TCP connection to the SMTP port at the specified address, posts an e-mail message to the SMTP server and measures how long it takes. Then DaSeT emulates a user downloading email. After connecting to the POP3 server, the mailbox is authenticated by the specified username and password and measures how long it takes for the email to complete the round trip journey via tested email server.



The image shows a 'Email Download Settings' dialog box. It has a title bar with the text 'Email Download Settings'. Inside the dialog, there is a 'Current template' dropdown menu set to 'automat'. Below it is a toggle switch for 'Show advanced parameters' which is turned on. There are several input fields: 'ServerName *' with the value 'imap4.orangemail.sk', 'ServerPort *' with the value '993', 'Security *' with a dropdown set to 'Implicit', 'RecipientEmailAddress *' with an empty dropdown, 'Protocol *' with a dropdown set to 'IMAP', 'MailWasSentViaEmailUL' with an unchecked checkbox and a note 'Default value (true).', 'ExpectedSender' with an empty text field, 'ExpectedSubject' with an empty text field, 'ExpectedSubjectStringIs' with a dropdown set to an empty value, 'ReportingAlarmingTool' with a dropdown set to an empty value and a note 'If blank, default value will be used (Both).', and 'NumberOfRepeatsAfterError' with an empty text field. At the bottom left is a 'CLOSE' button and at the bottom right is a 'SAVE' button.

Creating new Email Download service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: MailWasSentViaEmailUL, ReportingAlarmingTool and NumberOfRepeatsAfterError

ServerName – set the server's name.

ServerPort – set the server port number.

Security – select one of three types of security (Explicit / Implicit / Unsecure).

RecipientEmailAddress – Email address of recipient

Protocol – click on combo box and select protocol for this test (POP3 / IMAP).

MailWasSentViaEmailUL – If the box is blank, default value will be used (True).

ExpectedSender – set the expected email sender. This parameter is visible only if MailWasSentViaEmailUL checkbox is unchecked.

ExpectedSubject – enter the expected subject in the email. This parameter is visible only if MailWasSentViaEmailUL checkbox is unchecked.

ExpectedSubjectStringIs – click on combo box and select form 2 options (ExactSubject / PartOfSubject). This parameter is visible only if MailWasSentViaEmailUL checkbox is unchecked.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.9 – Email Upload

Email Upload service is used for testing upload the email. This test creates a TCP connection to the SMTP port at the specified address, posts an e-mail message to the SMTP server and measures how long it takes. Then DaSeT emulates a user uploading email. After connecting to the POP3 server, the mailbox is authenticated by the specified username and password and measures how long it takes for the email to complete the round trip journey via tested email server.

Email Upload Settings

Current template

automat

☒ Show advanced parameters

ServerName *

smtp.orangemail.sk

ServerPort *

587

Security *

Explicit

FileBody *

SenderEmailAddress *

0905245686@orangemail.sk

RecipientEmailAddress *

0907711198@orangemail.sk

FileAttachment

☐ SkipAuthentication

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

2

CLOSE

SAVE

Creating new Email Upload service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: SkipAuthentication, ReportingAlarmingTool and NumberOfRepeatsAfterError

ServerName – set the server's name.

ServerPort – set the server port number.

Security – select one of three types of security (Explicit / Implicit / Unsecure).

FileBody – select from combo box the file which will be the body of email (jpg / txt).

SenderEmailAddress – set the email address of sender.

RecipientEmailAddress – set the email address of recipient.

FileAttachment – select from combo box the file you want to attach to the email.

SkipAuthentication – check the checkbox if you want to skip the authentication during the test.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.10 – FTP File DL

[FTP File DL](#) service is used for testing of FTP download.

FTP File DL Settings

Current template

Daset_1MB

☒

Show advanced parameters

URL *

ftp.daset.sk

Timeout [sec]

If blank, default value will be used (300).

File *

1M

Mode

If blank, default value will be used (Passive).

☒ UseLargeBuffers

Default value (true).

Login *

Password *

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new FTP File DL service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: UseLargeBuffers, ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set the FTP address or server IP.

Timeout[sec] – value defines timeout in seconds up to which file should be downloaded. If combo box is blank, default value will be used (300).

File – set the name of file saved on the server.

Mode – click on combo box and select Active or Passive mode in according to server settings. If combo box is blank, default value will be used (PASSIVE).

UseLargeBuffers – check the checkbox if large buffer should be used for file transfer. If the box is blank, default value will be used (TRUE).

Login – set username for login to the server.

Password – set password for login to the server.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.11 – FTP File UL

[FTP File UL](#) service is used for testing of FTP upload.

FTP File UL Settings

Current template

Daset_1MB

☒ Show advanced parameters

URL *

ftp.daset.sk

Timeout [sec]

If blank, default value will be used (300).

File *

1M

Mode

If blank, default value will be used (Passive).

☒ UseLargeBuffers

Default value (true).

Login *

Password *

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new FTP File UL service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: UseLargeBuffers, ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set the FTP address or server IP.

Timeout[sec] – value defines timeout in seconds up to which file should be uploaded. If combo box is blank, default value will be used (300).

File – select a file saved in Daset folder.

Mode – click on combo box and select Active or Passive mode in according to server settings. If combo box is blank, default value will be used (PASSIVE).

UseLargeBuffers – check the checkbox if large buffer should be used for file transfer. If the box is blank, default value will be used (TRUE).

Login – set username for login to the server.

Password – set password for login to the server.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.12 – HTTP File DL

[HTTP File DL](#) is service for download of file from the server through HTTP.

HTTP File DL Settings

Current template
daset 10M

☒ Show advanced parameters

URL *
www.daset.sk/_sub/uhttp/download/10m

Timeout [sec]
10
If blank, default value will be used (300).

MinThroughput [kbps]

☐ CheckModemOperationalStatus

ReportingAlarmingTool
If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new HTTP File DL service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: CheckModemOperationalStatus, ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set a complete address where is tested file saved.

Timeout[sec] – value defines timeout in seconds up to which file should be downloaded. If combo box is blank, default value will be used (300).

MinThroughput [kbps] – value defines minimal acceptable throughput value reached when downloading a big file over HTTP and it is a ratio of file size and download time. Note that this throughput is not to be compared with the average throughput during a web page download, which is much lower due to the many round-trips required to get all the small objects.

CheckModemOperationalStatus – check the checkbox if you want to check modem operational status during test.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.13 – HTTP File DL Capacity

HTTP File DL Capacity service is used for testing, how big data can be downloaded in specified time.

HTTP File DL Capacity Settings

Current template: Daset_3files

☒ Show advanced parameters

URL *
www.daset.sk/_sub/uhttp/download/1g;www.daset.sk/_sub/uhttp/download/1g;www.daset

StartMethod
If blank, default value will be used (FirstGetRequest).

TimePeriod [sec] *
5

MinThroughput [kbps]

ReportingAlarmingTool
If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new HTTP File DL Capacity service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: StartMethod, MinThroughput [kbps], ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set a complete address where is tested file saved.

StartMethod – You have two options (FirstGetRequest / FirstTCPdataResponse). If combo box is blank, default value will be used (FirstGetRequest).

TimePeriod [sec] – set the time (in seconds), how long you want to download the HTTP File.

MinThroughput [kbps] – value defines minimal acceptable throughput value reached when downloading a big file over HTTP and it is a ratio of file size and download time. Note that this throughput is not to be compared with the average throughput during a web page download, which is much lower due to the many round-trips required to get all the small objects.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.14 – HTTP File UL

[HTTP File UL](#) is service for upload of file to the server through HTTP.

HTTP File UL Settings

Current template
2M daset.sk

☒ Show advanced parameters

File *
2M

Timeout [sec]
If blank, default value will be used (300).

UriToScript *
www.daset.sk/_sub/uhttp/HTTPupload.php

MinThroughput [kbps]

ReportingAlarmingTool
If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new HTTP File UL service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

File – select a file saved in Daset folder.

Timeout [sec] – value defines timeout in seconds up to which file should be downloaded. If combo box is blank, default value will be used (300).

UrlToScript – set a complete address of script used for file upload.

MinThroughput [kbps] – value defines minimal acceptable throughput value reached when uploading a big file over HTTP and it is a ratio of file size and upload time. Note that this throughput is not to be compared with the average throughput during a web page upload, which is much lower due to the many roundtrips required to get all the small objects.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.15 – HTTP File UL Capacity

[HTTP File UL Capacity](#) service is used for testing, how big data can be uploaded in specified time.

HTTP File UL Capacity Settings

Current template

5M_5urls_5sec_AR

☒ Show advanced parameters

File *

5M

UrlToScript *

www.daset.sk/_sub/uhttp/HTTPupload.php;www.daset.sk/_sub/uhttp/HTTPupload.php;www

StartMethod

If blank, default value will be used (FirstPostRequest).

TimePeriod [sec] *

5

MinThroughput [kbps]

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new HTTP File UL Capacity service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: StartMethod, MinThroughput [kbps], ReportingAlarmingTool and NumberOfRepeatsAfterError

File – select a file saved in Daset folder.

UrlToScript – set a complete address of script used for file upload.

StartMethod – You have two options (FirstPostRequest / FirstSentTCPpacketWithContent). If combo box is blank, default value will be used (FirstPostRequest).

TimePeriod [sec] – set the time (in seconds), how long you want to upload the HTTP File.

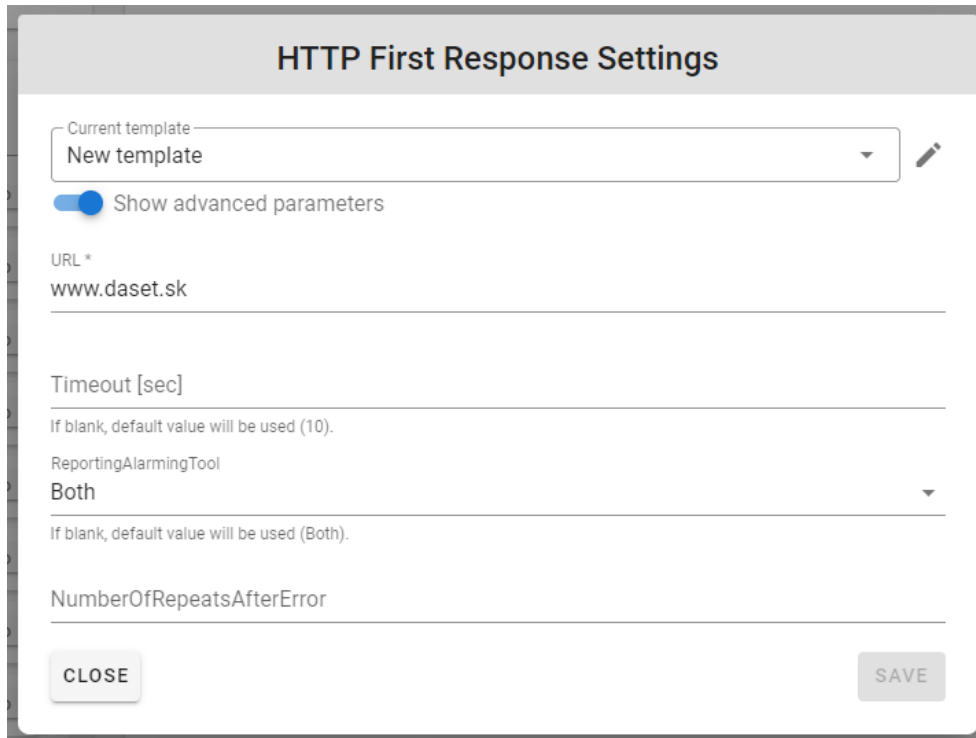
MinThroughput [kbps] – value defines minimal acceptable throughput value reached when uploading a big file over HTTP and it is a ratio of file size and upload time. Note that this throughput is not to be compared with the average throughput during a web page upload, which is much lower due to the many round-trips required to get all the small objects.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.16 – HTTP First Response

HTTP First Response test emulates a typical HTTP request and measures the web server response times. This test provides measurement of the web server responses with connection time to the web server and time from GET URL request to the first response from the server.



The screenshot shows the 'HTTP First Response Settings' dialog box. It has a title bar with the text 'HTTP First Response Settings'. Inside the dialog, there is a 'Current template' dropdown menu with 'New template' selected and a pencil icon to its right. Below this is a toggle switch labeled 'Show advanced parameters' which is currently turned on. The 'URL *' field contains 'www.daset.sk'. The 'Timeout [sec]' field is empty, with a note below it stating 'If blank, default value will be used (10)'. The 'ReportingAlarmingTool' dropdown menu has 'Both' selected, with a note below it stating 'If blank, default value will be used (Both)'. The 'NumberOfRepeatsAfterError' field is empty. At the bottom left is a 'CLOSE' button and at the bottom right is a 'SAVE' button.

Creating new HTTP First Response test

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set the URL address of tested HTTP page.

Timeout [sec] – value defines timeout in seconds up to which file should be downloaded. If combo box is blank, default value will be used (10).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.17 – HTTP Page Browsing

[HTTP Page Browsing](#) service is used to test browsing the web page.

HTTP Page Browsing Settings

Current template
activnet3_8_nova_zmluva

☒ Show advanced parameters

NameOfSubservice *

URL *
http://www.intranet.orange.sk/pls/web/core.login.login

Timeout [sec]
1200
If blank, default value will be used (180).

☐ VOD

☒ EnableLocalDatabase
Default value (true).

ReportingAlarmingTool
If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new HTTP Page Browsing service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: VOD, EnableLocalDatabase, ReportingAlarmingTool and NumberOfRepeatsAfterError

NameOfSubservice – click on combo box and select name of subservice.

URL – set the URL address of tested HTTP page.

Timeout [sec] – defines timeout in seconds. If the box is blank, default value will be used (180 seconds).

VOD – check this checkbox if you want to use Video on demand (VOD).

EnableLocalDatabase – if this checkbox is checked, the local database is enabled. Default value is TRUE.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.18 – IPERF

IPERF service is used for testing speed of network.

IPERF Settings

Current template
daset.sk

☒ Show advanced parameters

Command *
-c 92.240.235.92 -t 10

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new IPERF service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

Command – set the command for IPERF.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.19 – IPHONE

IPHONE service is used for testing services on iPhone device.

IPHONE Settings

Current template

IOS_MojOrange_Auto

☒ Show advanced parameters

ProfileName *

IOS_Calculator_IosClassChain

DeviceMSISDN *

+421907955620

BundleID_Or_URL *

com.apple.springboard

DeviceID

00008030-000D35381E98402E

If blank, default value will be used (auto).

☐ ClearAppData

Timeout [sec]

If blank, default value will be used (180).

APN

If blank, default value will be used (internet).

SelectedNetwork

23101

DataBearer

If blank, default value will be used (4G).

☒ EnableLocalDatabase

Default value (true).

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new IPHONE service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: EnableLocalDatabase, ReportingAlarmingTool and NumberOfRepeatsAfterError

ProfileName – select from combo box the name of profile.

DeviceMSISDN – click on combo box and select MSISDN of device.

BundleID_Or_URL – set the BundleID or URL address.

DeviceID – set the device ID.

ClearAppData – check the checkbox if you want to clear app data.

Timeout [sec] – defines timeout in seconds. If the box is blank, default value will be used (180 seconds).

APN – set the APN. If the box is blank, default value will be used (Internet).

SelectedNetwork – set the code represented selected network.

DataBearer – set the data bearer (type of network). If the box is blank, default value will be used (4G).

EnableLocalDatabase – if this checkbox is checked, the local database is enabled. Default value is TRUE.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.20 – IPTV

[IPTV](#) service is used for testing quality of Internet television (IPTV).

IPTV Settings

Current template
archiv_channel_1

Show advanced parameters

URL
dshow://

If blank, default value will be used (dshow://).

ReferenceSnapshot *
channel_1.jpg

ConnectionTimeout [sec]
30

If blank, default value will be used (30).

Duration [sec]
5

If blank, default value will be used (8).

OutputMode
IMAGE

If blank, default value will be used (IMAGE).

TypeOfControl
LiveTV

If blank, default value will be used (LiveTV).

StartCodeSequence
32,54/14,52,14,52,14,52/13,53/13,51

StopCodeSequenceOK

StopCodeSequenceNOK

APN
internet

If blank, default value will be used (internet).

SelectedNetwork
23101

DataBearer
FTTH

If blank, default value will be used (FTTH).

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new IPTV service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: URL, ConnectionTimeout [sec], OutputMode, StopCodeSequenceOK, StopCodeSequenceNOK, ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set the tested URL address.

ReferenceSnapshot – click on combo box and select the reference snapshot image for the test.

ConnectionTimeout [sec] – defines timeout in seconds used for connection. If the box is blank, default value will be used (30 seconds).

Duration [sec] – set the duration of service. If the box is blank, default value will be used (8).

OutputMode – click on combo box and select the output mode (IMAGE/NONE/AVI). If the box is blank, default value will be used (IMAGE).

TypeOfControl – click on combo box and select the type of control from several options. If the box is blank, default value will be used (LiveTV).

StartCodeSequence – set the values for start code sequence.

StopCodeSequenceOK – set the values for stop code sequence when the results are OK.

StopCodeSequenceNOK – set the values for stop code sequence when the results are not OK.

APN – set the APN. If the box is blank, default value will be used (Internet).

SelectedNetwork – set the code representing selected network.

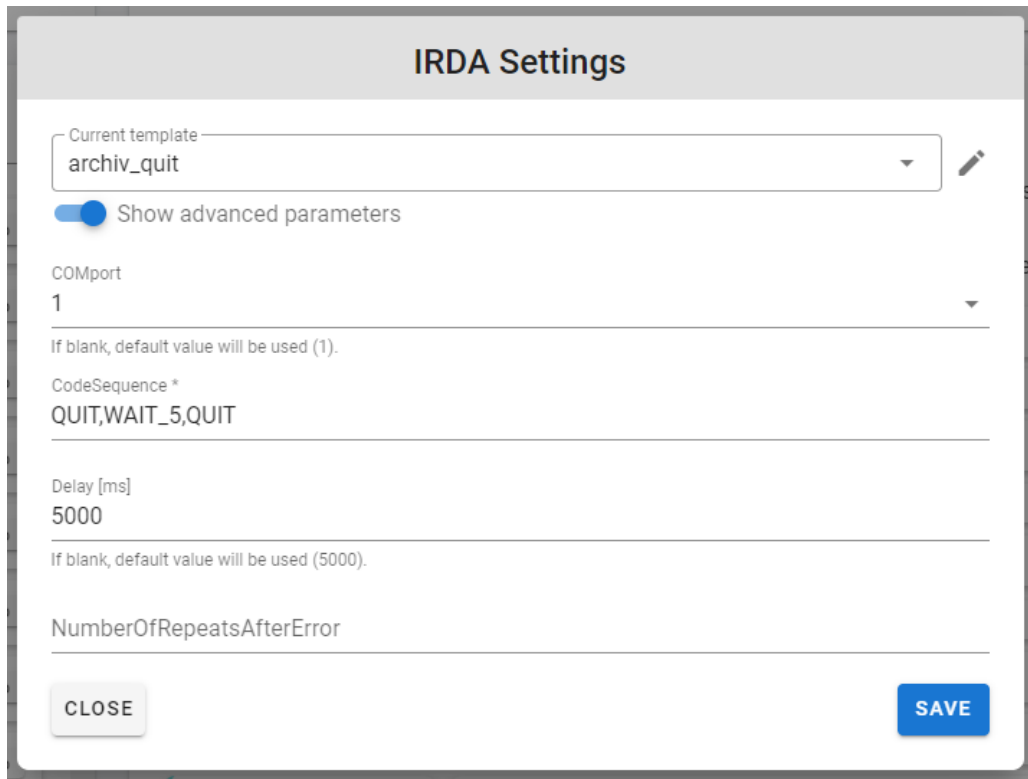
DataBearer – set the data bearer (type of network). If the box is blank, default value will be used (FTTH).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.21 – IRDA

IRDA service is used for testing the quality of IRDA.



Creating new IRDA service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: COMport, Delay [ms] and NumberOfRepeatsAfterError.

COMport – click on combo box and select COM port for the test. If the box is blank, default value will be used (1).

CodeSequence – set the commands for code sequence.

Delay [ms] – set the delay value in milliseconds.

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.22 – IVR

IVR service is used for testing quality of Interactive voice response.

IVR Settings

Current template
0905905905

☒ Show advanced parameters

ModemName *

TELIT_HE910

Modem (E2E-3GBB-PREPAI) *

00421907443914 (COM11)

IVRmsisdn *

0905905905

QualityAnalyze

PESQ

ThresholdMOS

If blank, default value will be used (2.5).

DTMFcodes

DTMFcodesPauseBetweenCodes [sec]

MicrophoneGainCLVL

5

If blank, default value will be used (5).

IVRMainMenuSample

creatingnewvoicemail.wav

If blank, default value will be used (vzorkaIVRmenu1_example.wav).

IVRmainMenuRecordingTime [sec]

If blank, default value will be used (10).

IVRMainMenuCuttingTime [sec]

5

If blank, default value will be used (6).

IVRmainMenuThresholdDetection

1000

If blank, default value will be used (1000).

IVRmainMenuStartPositionForDetection [ms]

0

If blank, default value will be used (0).

IVRlastMenuSample

If blank, default value will be used (vzorkaIVRmenu2_example.wav).

IVRlastMenuRecordingTime [sec]

10

If blank, default value will be used (10).

IVRlastMenuCuttingTime [sec]

6

If blank, default value will be used (6).

IVRlastMenuThresholdDetection

1000

If blank, default value will be used (1000).

IVRlastMenuStartPositionForDetection [ms]

0

If blank, default value will be used (0).

☒ NightIVRmenu

Creating new IVR service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: DTMFCodesPauseBetweenCodes [sec], MicrophoneGainCLVL, NightIVRmenu, PlayAudioSampleAfterRecordingMainMenu, PlayAudioSampleAfterRecordingSubMenu, PlayAudioSampleTime [sec], AudioSampleForPlaying, IsCRBTtest and ReportingAlarmingTool

ModemName – click on the combo box and select modem for the test.

Modem (robot name) – click on combo box and select MSISDN (COM port) for the test.

IVRmsisdn – set the MSISDN for IVR test.

QualityAnalyze – set one from options (PESQ / POLQA).

ThresholdMOS – set the threshold for MOS value. If MOS value will be lower than preset value, then result will be failed. Default value is 2.5.

DTMFcodes – set the DTMF codes for the test.

DTMFcodesPauseBetweenCodes [sec] – set the time in seconds, how long will the pause between codes be.

MicrophoneGainCLVL – insert the number, which sets the microphone gain. If the box is blank, default value will be used (5).

IVRMainMenuSample – click on combo box and select the sample for IVR main menu. If the box is blank, default value will be used (vzorkaIVRmenu1_example.wav).

IVRmainMenuRecordingTime [sec] – set the duration of recording IVR main menu in seconds. If the box is blank, default value will be used (10).

IVRMainMenuCuttingTime [sec] – set the duration of cutting IVR main menu in seconds. If the box is blank, default value will be used (6).

IVRmainMenuThresholdDetection – set the value for IVR main menu threshold detection. If the box is blank, default value will be used (1000).

IVRmainMenuStartPositionForDetection [ms] – set the start position for detection in IVR main menu. If the box is blank, default value will be used (0).

IVRlastMenuSample – click on combo box and select the sample for IVR last menu. If the box is blank, default value will be used (vzorkaIVRmenu2_example.wav).

IVRlastMenuRecordingTime [sec] – set the duration of recording IVR last menu in seconds. If the box is blank, default value will be used (10).

IVRlastMenuCuttingTime [sec] – set the duration of cutting IVR last menu in seconds. If the box is blank, default value will be used (6).

IVRlastMenuThresholdDetection – set the value for IVR last menu threshold detection. If the box is blank, default value will be used (1000).

IVRlastMenuStartPositionForDetection [ms] – set the start position for detection in IVR last menu. If the box is blank, default value will be used (0).

NightIVRmenu – check the checkbox if you want enable night IVR menu.

NightIVRmenuStart [H24-no leading zero] – set the time when the night IVR menu starts.

NightIVRmenuEnd [H24-no leading zero] – set the time when the night IVR menu ends.

IVRmainNightMenuSample – click on combo box and select the sample for IVR main night menu.

IVRlastNightMenuSample – click on combo box and select the sample for IVR last night menu.

PlayAudioSampleAfterRecordingMainMenu – check the checkbox if you want to play audio sample after recording main menu.

PlayAudioSampleAfterRecordingSubMenu – check the checkbox if you want to play audio sample after recording sub menu.

PlayAudioSampleTime [sec] – set the time in seconds, how long will be the audio sample played. Default value is 15 seconds.

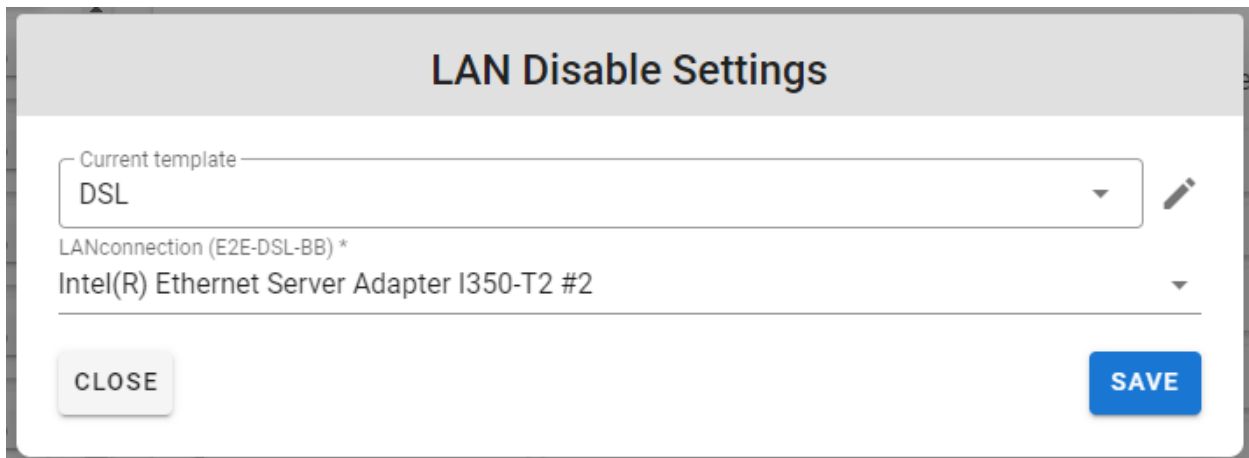
AudioSampleForPlaying – click on the combo box and select voice sample for playing. If the box is blank, default value will be used (IVRsampleForPlay.wav).

IsCRBTtest – check this checkbox if this is a CRBT test.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

Part 7.23 – LAN Disable

[LAN Disable](#) function is used to disable LAN connection.

The screenshot shows a dialog box titled "LAN Disable Settings". It contains two dropdown menus. The first dropdown is labeled "Current template" and has "DSL" selected. To its right is a small edit icon (a pencil). The second dropdown is labeled "LANconnection (E2E-DSL-BB) *" and has "Intel(R) Ethernet Server Adapter I350-T2 #2" selected. At the bottom left is a "CLOSE" button, and at the bottom right is a "SAVE" button.

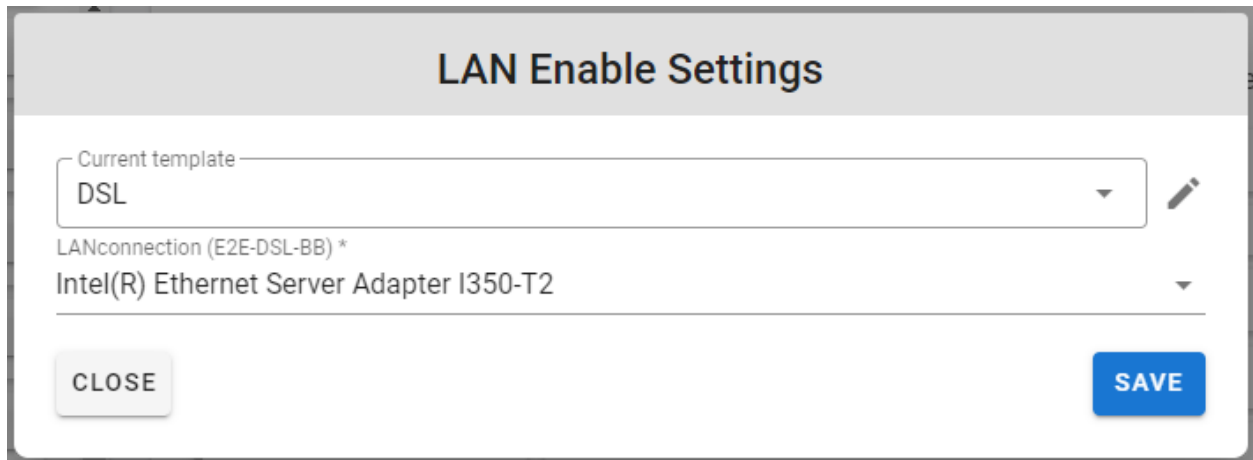
Creating new LAN Disable function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

LANconnection (robot name) – click on the combo box and select LAN adapter to disable.

Part 7.24 – LAN Enable

[LAN Enable](#) function is used to enable LAN connection.



The screenshot shows a dialog box titled "LAN Enable Settings". It contains two dropdown menus. The first dropdown is labeled "Current template" and has "DSL" selected. To its right is a small edit icon (pencil). The second dropdown is labeled "LANconnection (E2E-DSL-BB) *" and has "Intel(R) Ethernet Server Adapter I350-T2" selected. At the bottom left is a "CLOSE" button, and at the bottom right is a "SAVE" button.

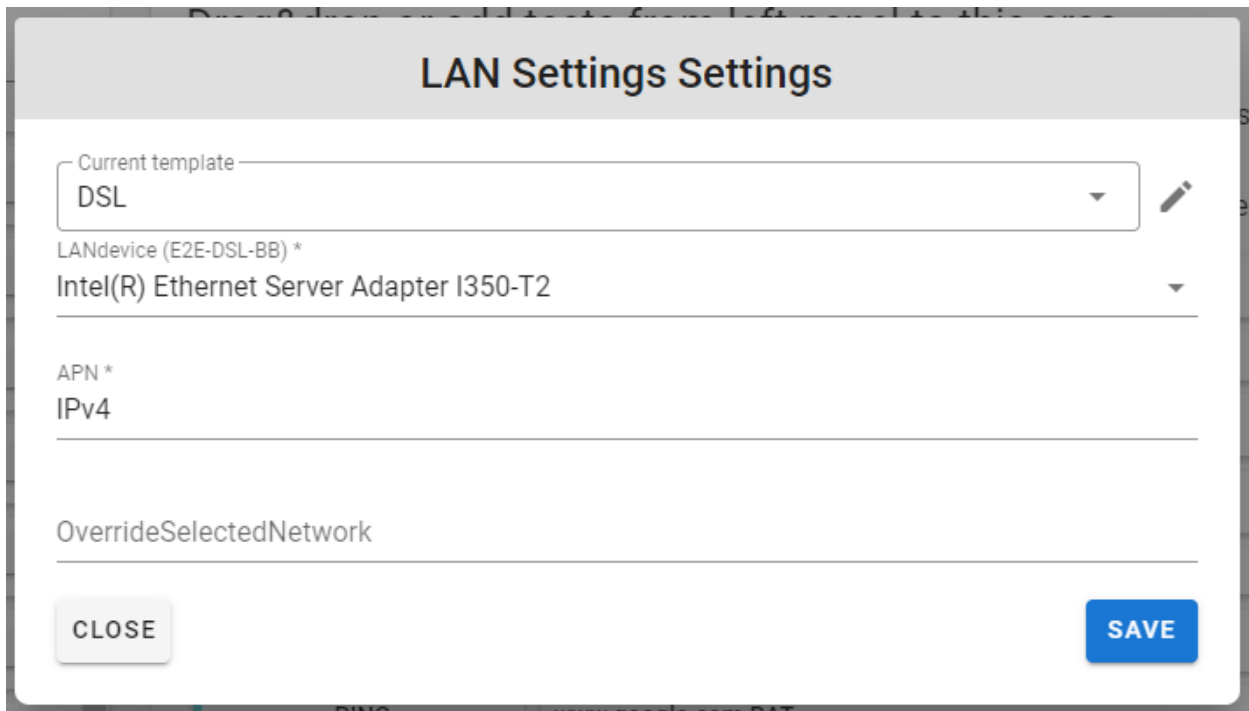
Creating new LAN Enable function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

LANconnection (robot name) – click on the combo box and select LAN adapter to enable.

Part 7.25 – LAN Settings

[LAN Settings](#) function is used for editing settings of LAN connection.



Creating new LAN Settings function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

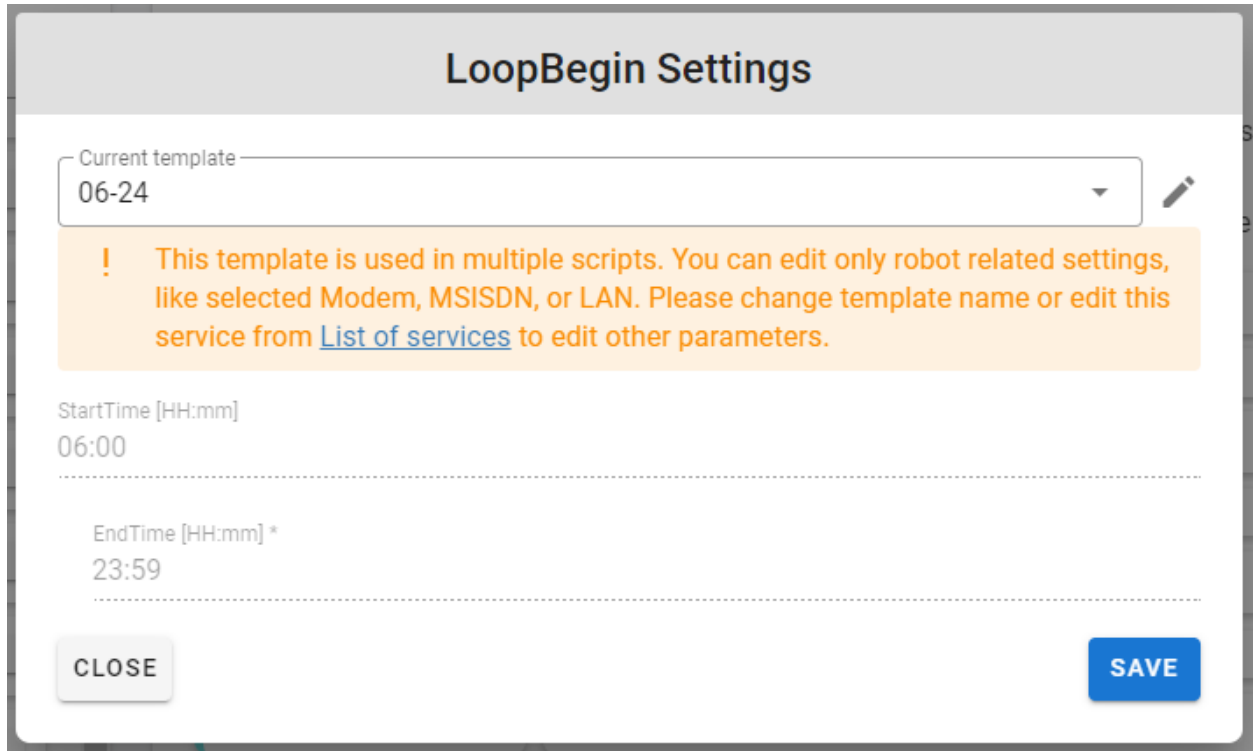
LANdevice (robot name) – click on the combo box and select LAN adapter to edit.

APN – set the APN.


OverrideSelectedNetwork – set the code representing network you want to override.

Part 7.26 – LoopBegin

LoopBegin function is used when it is necessary to define small loop inside of main loop. This function must be defined together with Loop function.



LoopBegin Settings

Current template 

! This template is used in multiple scripts. You can edit only robot related settings, like selected Modem, MSISDN, or LAN. Please change template name or edit this service from [List of services](#) to edit other parameters.

StartTime [HH:mm]
06:00

EndTime [HH:mm] *
23:59

Creating new LoopBegin function

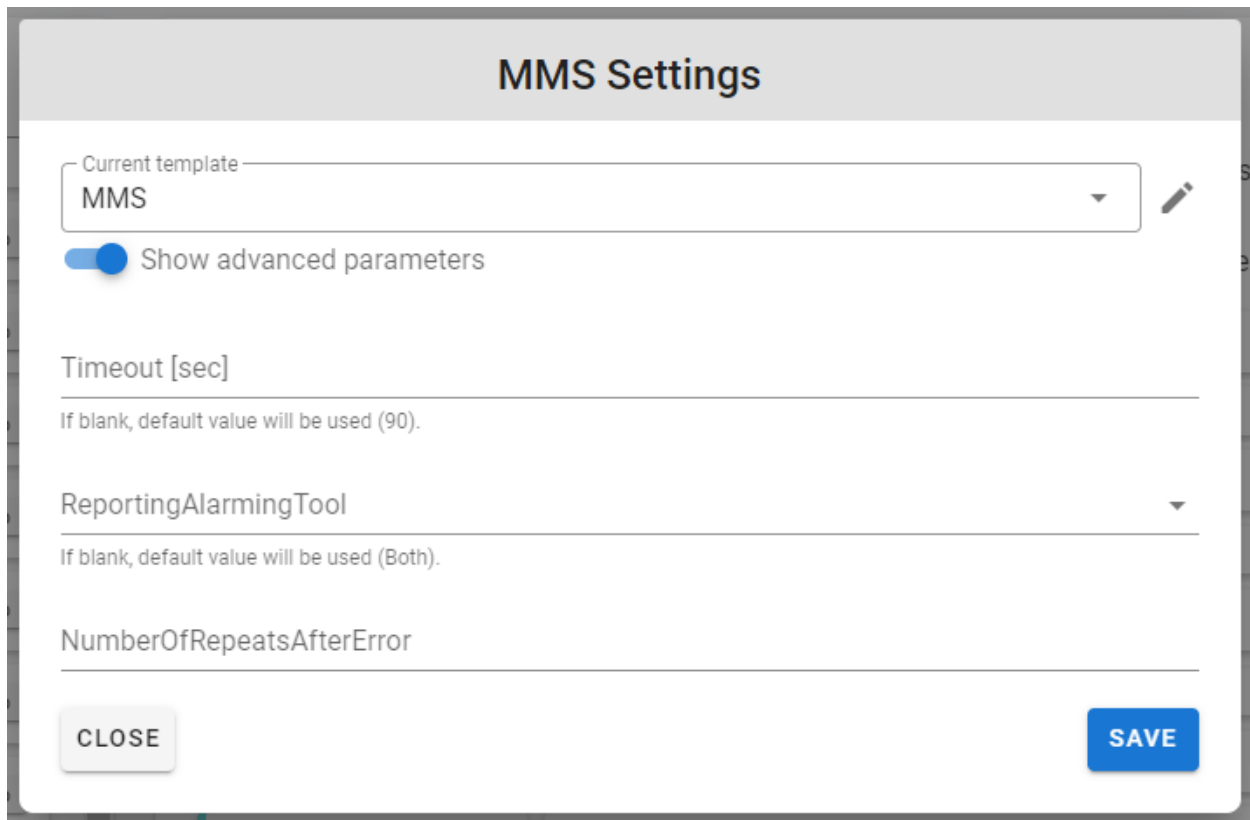
Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

StartTime [HH:mm] – set the time when the loop starts.

EndTime [HH:mm] – set the time when the loop ends.

Part 7.27 – MMS

MMS service needs to be inserted to the profile for receiving of MMS.



Creating new MMS service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

Timeout [sec] – value defines timeout in seconds up to which MMS should be received. If the box is blank, default value will be used (90).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.28 – MMS Send

[MMS Send](#) service is necessary to configure if you want to send MMS from Daset robot.

MMS Send Settings

Current template
mms

☒ Show advanced parameters

UserAgent *
N6101

MMSfile
10kb.mms
If blank, default value will be used (62kb.mms).

MsisdnTo (E2E-112-BB) *
0917147362 (COM15)

Proxy *
213.151.208.145

ProxyPort *
8799

HomePage *
http://imms.orange.sk

Timeout [sec]
If blank, default value will be used (90).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new MMS Send service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: NumberOfRepeatsAfterError.

UserAgent – click on combo box and select user agent.

MMSfile – select please a file which will be sent as MMS. For comparative measurements in Orange Group is used file 62kb.mms. If the box is blank, default value will be used (62kb.mms).

MsisdnTo (robot name) – click on combo box and select MSISDN to which MMS should be sent.

Proxy – set the IP address of WAP GW.

ProxyPort – set the port number for WAP2 protocol.

HomePage – MMSC address.

Timeout [sec] – value defines timeout in seconds up to which MMS should be sent and while PushSMS should be received. If the box is blank, default value will be used (90).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.29 – Modem Init

Modem Init function provides information about coverage of mobile network and provides a change between networks (2G/3G/4G/5G/LTE) or different operators.

Creating new Modem Init function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: SmsCentre, Allowed_LTE_Bands [MHz], Provider, CustomATcommand and ReportingAlarmingTool

Modem (robot name) – click on combo box and select modem.

Bearer – select mobile network where SIM should register. Do not use this option if modem does not switch between mobile networks (if modem uses one mobile network only e.g. 4G only).

SmsCentre – set the SMSC number if it is not set automatically. It is not used usually.

Allowed_LTE_Bands [MHz] – click on the combo box and select which LTE Bands will be allowed. If the box is blank, default value will be used (800,900,1800,2100,2600).

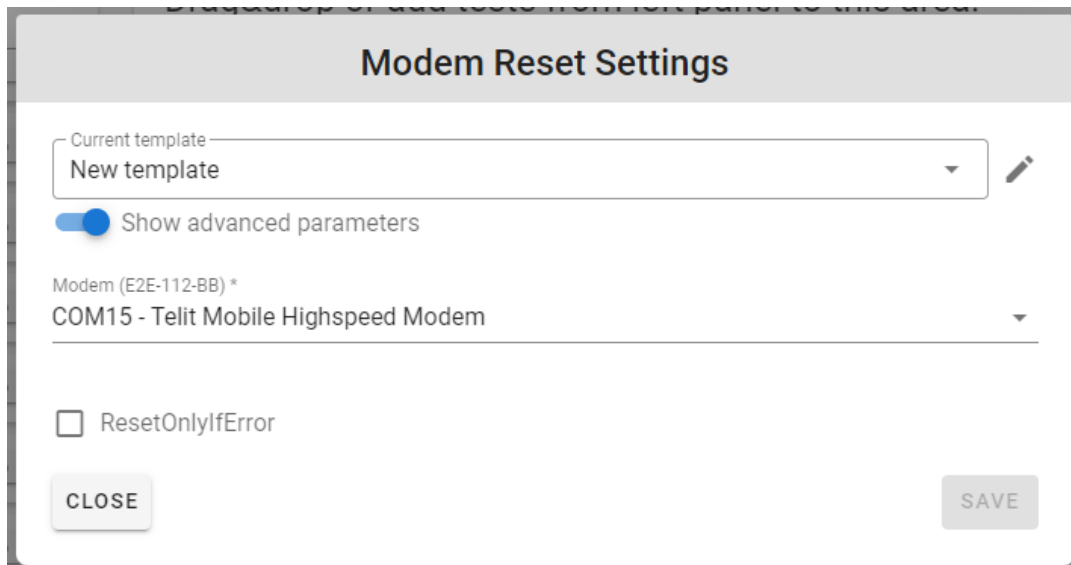
Provider – this value defines country and network codes for operator. MCC and MNC is used here but only if it is necessary to register SIM into some network (e.g. in case of roaming SIM card).

CustomATcommand – set custom AT command (optional).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

Part 7.30 – Modem Reset

Modem Reset function is used to reset modem.

The screenshot shows a 'Modem Reset Settings' dialog box. At the top, there's a header bar with the title. Below it, there's a dropdown menu labeled 'Current template' with 'New template' selected. To the right of the dropdown is a pencil icon. Below the dropdown is a toggle switch labeled 'Show advanced parameters', which is currently turned on. Underneath the toggle, there's a label 'Modem (E2E-112-BB) *' and a dropdown menu showing 'COM15 - Telit Mobile Highspeed Modem'. Below this is a checkbox labeled 'ResetOnlyIfError', which is currently unchecked. At the bottom left is a 'CLOSE' button, and at the bottom right is a 'SAVE' button.

Creating new Modem Reset function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

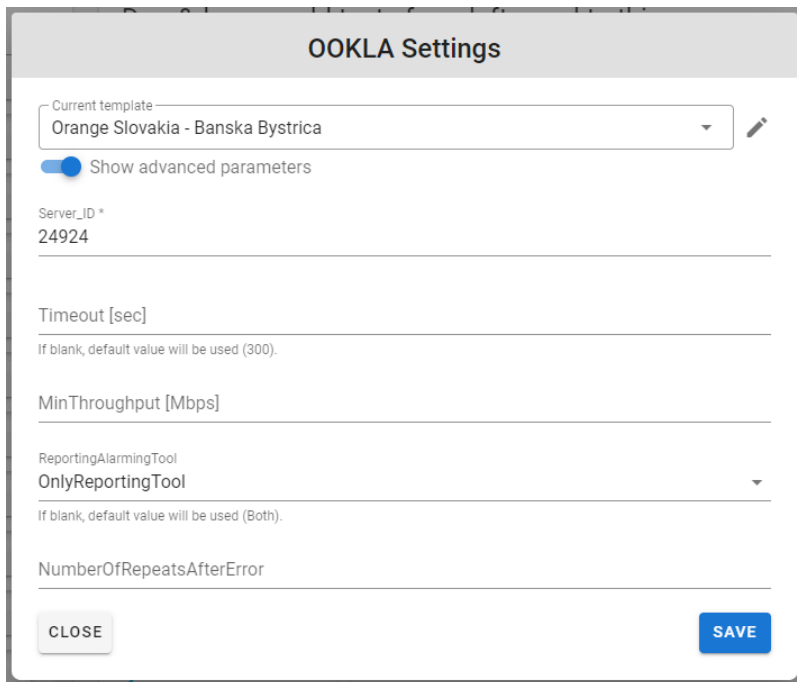
Show advanced parameters – if this box is checked, following parameters will be added: ResetOnlyIfError.

Modem (robot name) – click on combo box and select modem to reset.

ResetOnlyIfError – check the checkbox if you want to reset modem only if there if an error.

Part 7.31 – OOKLA

OOKLA service is used for testing speed of connection.



Creating new OOKLA service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: MinThroughput [Mbps], ReportingAlarmingTool and NumberOfRepeatsAfterError

Server_ID – set the ID of server.

Timeout [sec] – defines timeout in seconds. If the box is blank, default value will be used (300 seconds).

MinThroughput [kbps] – value defines minimal acceptable throughput value.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.32 – PING

Ping service is used for testing of round-trip time when ICMP echo is sent.

Creating new Ping service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: Buffer[bytes], Timeout [ms], Repeat, JitterCalculation, ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set the tested URL or IP address.

Buffer [bytes] – value defines size of PING. Usually, 100B is used for Orange Group tests. If the box is blank, default value will be used (100).

Timeout [ms] – value defines timeout in milliseconds up to which reply should be received. If the box is blank, default value will be used (4000).

Repeat – defines number of ICMP echo requests sent to the server. Usually, 10 is used for Orange Group tests. If the box is blank, default value will be used (10).

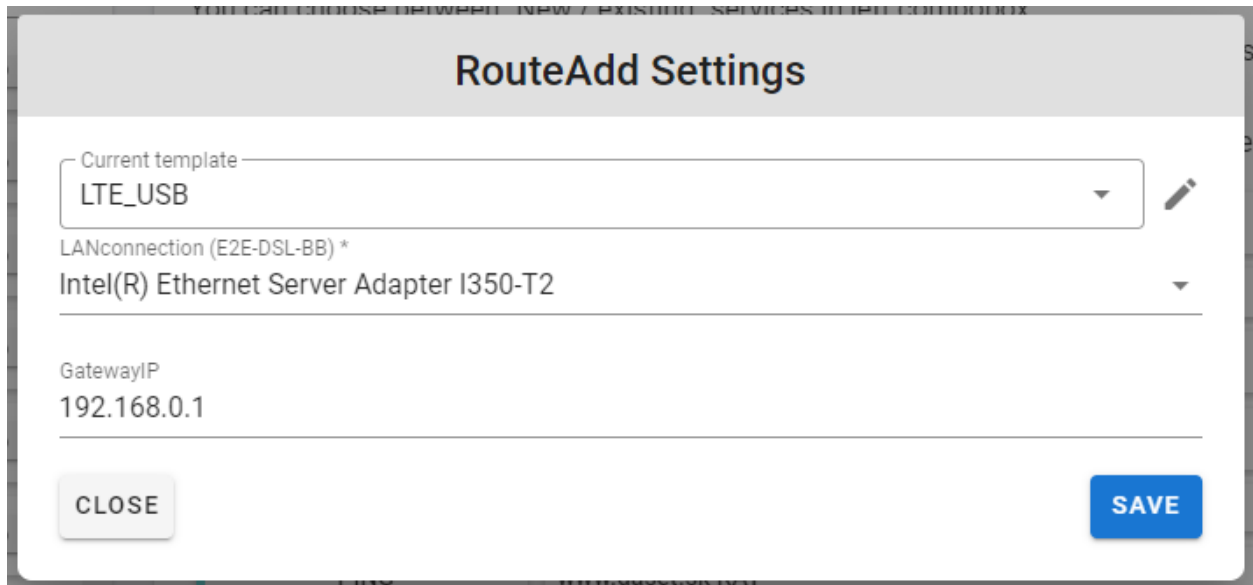
JitterCalculation – Check the checkbox if you want jitter value. It is calculated by measuring the variation in the arrival times of data packets. It's usually calculated as the average of the absolute differences between the expected arrival time of each packet and its actual arrival time. The result is typically expressed in milliseconds (ms).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.33 – RouteAdd

[RouteAdd](#) function is used for adding route to route table.

The image shows a 'RouteAdd Settings' dialog box. It has a title bar with the text 'RouteAdd Settings'. Inside the dialog, there are three main sections. The first section is labeled 'Current template' and contains a dropdown menu with 'LTE_USB' selected. To the right of the dropdown is a small pencil icon. The second section is labeled 'LANconnection (E2E-DSL-BB) *' and contains a dropdown menu with 'Intel(R) Ethernet Server Adapter I350-T2' selected. The third section is labeled 'GatewayIP' and contains a text field with '192.168.0.1'. At the bottom left of the dialog is a 'CLOSE' button, and at the bottom right is a 'SAVE' button.

Creating new RouteAdd function

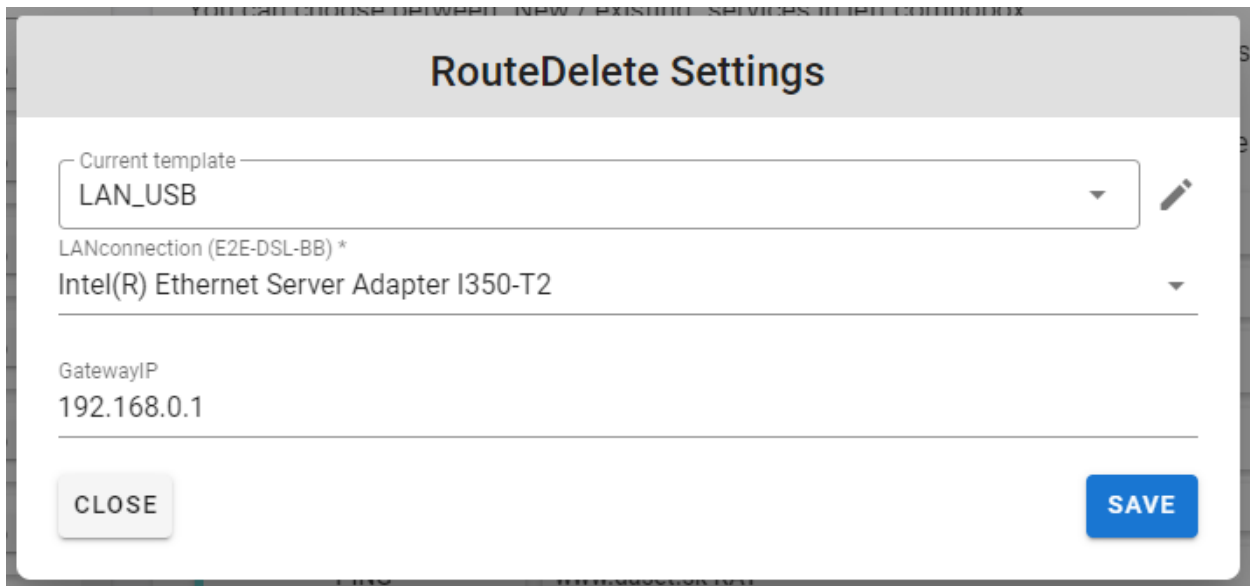
Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

LANconnection (robot name) – click on the combo box and select LAN adapter to add route.

GatewayIP – set the IP of gateway.

Part 7.34 – RouteDelete

[RouteDelete](#) function is used for deleting route from route table.

The image shows a 'RouteDelete Settings' dialog box. At the top, there is a header bar with the title 'RouteDelete Settings'. Below the header, there are three main input fields. The first is a dropdown menu labeled 'Current template' with the value 'LAN_USB' and a small edit icon to its right. The second is a dropdown menu labeled 'LANconnection (E2E-DSL-BB) *' with the value 'Intel(R) Ethernet Server Adapter I350-T2'. The third is a text input field labeled 'GatewayIP' with the value '192.168.0.1'. At the bottom left, there is a 'CLOSE' button, and at the bottom right, there is a 'SAVE' button.

Creating new RouteDelete function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

LANconnection (robot name) – click on the combo box and select LAN adapter to delete route.

GatewayIP – set the IP of gateway.

Part 7.35 – SIMTOOLKIT

SIMTOOLKIT function is used for browsing through SIM Toolkit menu used in Zebra tests.

Creating new **SIMTOOLKIT** function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

MSISDN (robot name) – click on combo box and select MSISDN used for browsing through SIM Toolkit menu.

MenuSequence – set the sequence of commands in STK menu. It is possible to use *select (Menu option)* or *insert(value)* and *confirm*.

WaitForSMS – check the checkbox if modem should wait also for SMS reply.

ExpectedMSISDNofSenderOfSMS – set the MSISDN from which should be received SMS reply. This parameter is visible only if WaitForSMS checkbox is checked.

ExpectedStringInSMS – set an expected content of SMS reply which should be checked with received SMS content. This parameter is visible only if WaitForSMS checkbox is checked.

WaitForSMSonMSISDN (robot name) – click on combo box and select MSISDN where DaSeT should wait for other SMS reply (not MSISDN used for browsing through STK menu).

ExpectedMSISDNofSenderOfSMSAtSecondModem – set the MSISDN from which should be received SMS reply on the second modem.

ExpectedStringInSMSAtSecondModem – set an expected content of SMS reply which should be checked in SMS on the second modem.

WaitForSMStimeout [sec] – defines timeout in seconds used for receiving of USSD and SMS reply. If the box is blank, default value will be used (30 seconds).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.36 – SMS

SMS service is used for SMS testing.

Creating new SMS service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

NumberOfCharacters – is value which defines number of characters in tested SMS. If the box is blank, default value will be used (160 characters).

MSISDNfrom (robot name) – click on combo box and select MSISDN from which SMS should be sent.

MSISDNto (robot name) – click on combo box and select MSISDN to which SMS should be sent.

Timeout [sec] – defines timeout in seconds used for sending and receiving. If the box is blank, default value will be used (60 seconds).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.37 – SMS over IP

[SMS over IP](#) service is used for SMS over IP testing.

Creating new SMS over IP service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

Device (robot name) – select from combo box device for SMS over IP test.

NumberOfCharacters – is value which defines number of characters in tested SMS. If the box is blank, default value will be used (160 characters).

Timeout [sec] – defines timeout in seconds used for sending and also receiving. If the box is blank, default value will be used (180 seconds).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.38 – SMS to any MSISDN

[SMS to any MSISDN](#) service is used for testing when SMS is sent to short number.

SMS to any MSISDN Settings

Current template
COM11_check_credit

☒ Show advanced parameters

Text
EUR

MSISDNfrom (E2E-112-BB) *
0917147362 (COM15)

MSISDNto *
444

☒ WaitForSMS *

ExpectedMSISDNofSenderOfSMS

ExpectedStringInSMS

WaitForSMSonMSISDN (E2E-112-BB)
0917147362 (COM15)

ExpectedMSISDNofSenderOfSMSAtSecondModem

ExpectedStringInSMSAtSecondModem

WaitForSMSStimeout [sec]
180

If blank, default value will be used (60).

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new SMS to any MSISDN service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: WaitForSMSonMSISDN (robot name), ReportingAlarmingTool and NumberOfRepeatsAfterError

Text – set the text written in SMS.

MSISDNfrom (robot name) – click on combo box and select MSISDN from which SMS should be sent.

MSISDNto – set the number to which SMS should be sent.

WaitForSMS – check the checkbox if modem should wait also for SMS reply.

ExpectedMSISDNofSenderOfSMS – set the MSISDN from which should be received SMS reply.

ExpectedStringInSMS – set an expected content of SMS reply which should be checked with received SMS content.

WaitForSMSonMSISDN (robot name) – click on combo box and select MSISDN where DaSeT should wait for other SMS reply (not MSISDN used for SMS sending).

ExpectedMSISDNofSenderOfSMSAtSecondModem – set the MSISDN from which should be received SMS reply on the second modem. This parameter is visible only if WaitForSMSonMSISDN checkbox is checked.

ExpectedStringInSMSAtSecondModem - set an expected content of SMS reply which should be checked in SMS on the second modem. This parameter is visible only if WaitForSMSonMSISDN checkbox is checked.

WaitForSMStimeout [sec] – defines timeout in seconds used for receiving of USSD and SMS reply. If the box is blank, default value will be used (60 seconds).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.39 – SMSRec

SMSRec function checks if SIM card will receive SMS.

SMSRec Settings

Current template
New template

☒ Show advanced parameters

MSISDN (E2E-112-BB) *
0917147362 (COM15)

☐ SMSisAlreadyRead

ExpectedMSISDNofSenderOfSMS

ExpectedStringInSMS

Timeout [sec]

If blank, default value will be used (60).

ReportingAlarmingTool
Both

If blank, default value will be used (None).

CLOSE SAVE

Creating new SMSRec function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ExpectedMSISDNofSenderOfSMS, ReportingAlarmingTool

MSISDN (robot name) – click on combo box and select MSISDN where SMS should be received.

SMSisAlreadyRead – check this checkbox if SMS was already received by previous function or service (e.g. USSD).

ExpectedMSISDNofSenderOfSMS – set the MSISDN from which should be received SMS reply. This parameter is visible only if SMSisAlreadyRead checkbox is unchecked.

ExpectedStringInSMS – set an expected content of SMS reply which should be checked with received SMS content. This parameter is visible only if SMSIsAlreadyRead checkbox is unchecked.

Timeout [sec] – defines timeout in seconds used for sending and also receiving. If the box is blank, default value will be used (60 seconds). This parameter is visible only if SMSIsAlreadyRead checkbox is unchecked.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

Part 7.40 – SSH

SSH service is used for operating network services securely over an unsecured network. Its most notable applications are remote login and command-line execution.

SSH Settings

Current template
read long BRM-APP21

☒ Show advanced parameters

Host *
10.25.2.87

User *
e2e

Password

PrivateKeyPath
C:\Program Files (x86)\Daset 2012\PrivateKeyE2E.pem

PrivateKeyPassword

Command *
cp /storage/vpb/e2e/100M /home/e2e/destination/temp_big

Timeout [sec]
2
If blank, default value will be used (120).

ReportingAlarmingTool
If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new SSH service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool.

Host – set the IP address of host.

User – set the username.

Password – set the password.

PrivateKeyPath – set the path to private key.

Command – set the command you want to execute.

Timeout [sec] – defines timeout in seconds. If the box is blank, default value will be used (120 seconds).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.41 – STREAM

STREAM service streams file formats supported by the Real Media Player, Quick Time Player or VLC player and monitors the performance of the service.

STREAM Settings

Current template
Jednotka HD

☒ Show advanced parameters

Player
VLCplayer

If blank, default value will be used (VLCplayer).

URL *
nangu,Q2hhbm5lbDpzdHYxX2FyY2hpdg==

☐ URLisFromSwapfile

ConnectionTimeout [sec]
30

If blank, default value will be used (30).

Duration [sec]
60

If blank, default value will be used (60).

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new **STREAM** service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: URLisFromSwapfile, ReportingAlarmingTool and NumberOfRepeatsAfterError

Player – select from combo box the video player (RealPlayer / Quicktime / VLCplayer). If combo box is blank, default value will be used (VLCplayer).

URL – set the URL address of streamed video.

URLisFromSwapfile – check this checkbox if URL address is from Swap file.

ConnectionTimeout [sec] – defines timeout in seconds used for connection. If the box is blank, default value will be used (30 seconds).

Duration [sec] – set the stream duration. If the box is blank, default value will be used (60).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.42 – Script Loop

Script Loop function is usually used at the end of profile and this function defines what will be done at the end of measurement loop. In special cases can be this function used also in the middle of profile together with function LoopBegin.

Creating new Script Loop function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: SelectedNetwork and ReportingAlarmingTool

Value – set the number of loops or minutes.

ValueIs – set if value in previous option is number of loops or duration of loops in minutes. If the box is blank, default value will be used (NumberOfLoops).

ActionAfterAllLoops – select between 5 options. Restart Daset means that DaSeT SW will be reloaded. RestartPC means that DaSeT robot will be restarted. PowerOFFandPowerOnPC means that DaSeT robot will shut down and starts up again. ContinueBehindLoop means that DaSeT SW will continue in tests defined after function Loop. StopMeasurement means that DaSeT will stop current measurement. If the box is blank, default value will be used (RestartDaset).

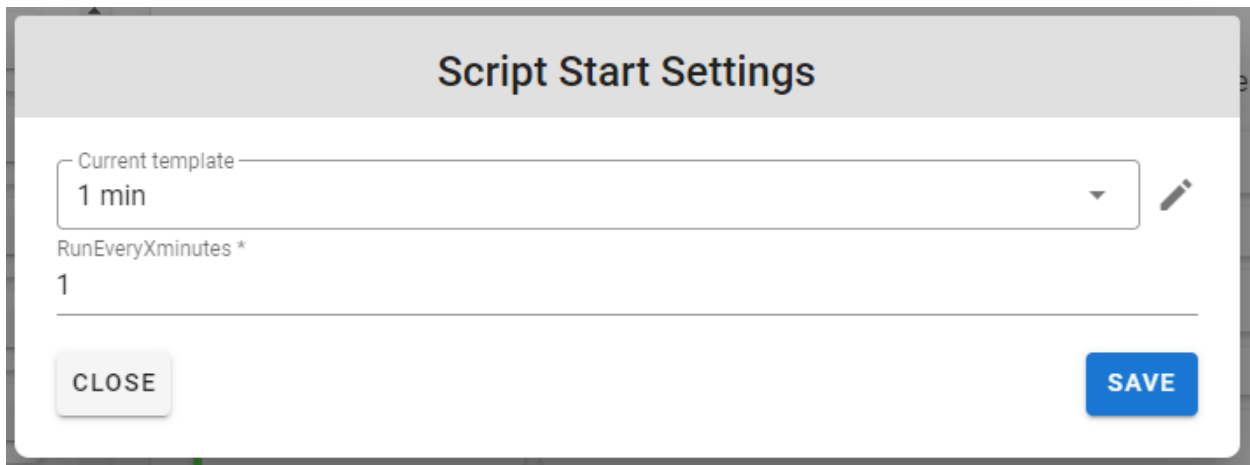
JumpBackTo – select one of two options. StartPosition means that DaSeT SW go at the beginning of measurement profile. LoopBegin option means that DaSeT SW goes to function LoopBegin. If the box is blank, default value will be used (StartPosition).

SelectedNetwork – this value must be used for testing via fixed services (ADSL, FTTH, LAN) when functions Connect and Disconnect are not used in measurement profile. Value defines country and network codes. MCC and MNC is usually used.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

Part 7.43 – Script Start

Script Start function defines periodicity of tests.

A screenshot of a 'Script Start Settings' dialog box. The title bar is grey with the text 'Script Start Settings' in bold. Below the title bar, there is a text input field labeled 'Current template' containing the text '1 min'. To the right of the input field is a small edit icon (pencil). Below the input field, the text 'RunEveryXminutes *' is displayed, followed by the value '1'. At the bottom left of the dialog is a 'CLOSE' button, and at the bottom right is a 'SAVE' button.

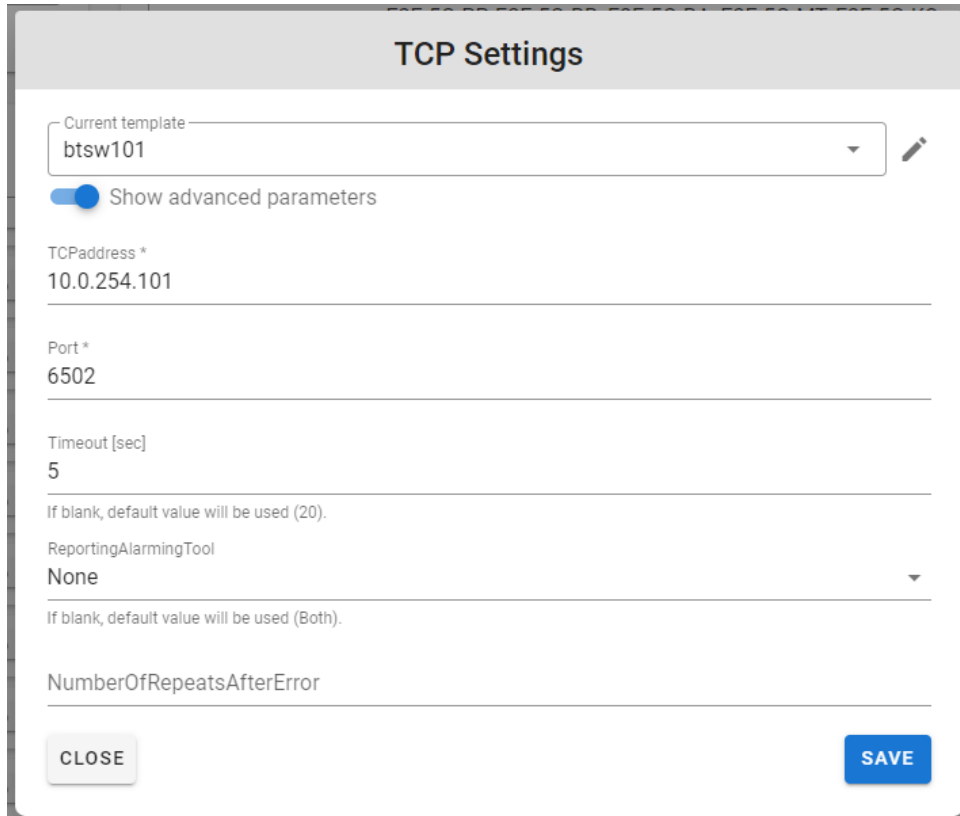
Creating new Script Start function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

RunEveryXminutes – this value defines periodicity of tests. How often measurement profile will run.

Part 7.44 – TCP

TCP service measures the time it takes the TCP steps to complete connection of a client to the specified host at the specified port.



Creating new TCP service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

TCPaddress – set the TCP address.

Port – set the port number.

Timeout [sec] – defines timeout in seconds. If the box is blank, default value will be used (20 seconds).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.45 – Traceroute

Traceroute function defines periodicity of tests.

Creating new Traceroute function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: MaxNumberOfHops, NumberOfAttemptsToEachHost, DoNotResolveAddressesToHostnames, ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – Destination IP address to be tested.

MaxNumberOfHops – set the maximum number of hops to destination. If the box is blank, default value will be used (30).

NumberOfAttemptsToEachHost – set the number of attempts to each host. Possible values are 1-5. If the box is blank, default value will be used (3).

DoNotResolveAddressesToHostnames – check the checkbox if you do not want to resolve IP addresses to hostnames.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.46 – Tracerthop

Tracerthop function is used for defines periodicity of tests.

Creating new Tracerthop function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: MaxNumberOfHops, DoNotResolveAddressesToHostnames, ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set the destination IP address to be tested.

MaxNumberOfHops – set the maximum number of hops to destination. If the box is blank, default value will be used (30).

DoNotResolveAddressesToHostnames – check the checkbox if you do not want to resolve IP addresses to hostnames.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.47 – USSD

USSD service is used for testing of USSD responses.

USSD Settings

Current template

SEKO USSD

☒ Show advanced parameters

MSISDNfrom (E2E-112-BB) *

0917147362 (COM15)

USSDstring *

asdf

☐ UsingATD

MenuSequence

ExpectedStringInResponse

☒ WaitForSMSatMainModem

ExpectedMSISDNofSenderOfSMSAtMainModem

ExpectedStringInSMSAtMainModem

WaitForSMSonMSISDN (E2E-112-BB)

0917147362 (COM15)

ExpectedMSISDNofSenderOfSMSAtSecondModem

ExpectedStringInSMSAtSecondModem

CheckAmountOfMoneyIn

USSDresponse

AmountOfMoneyIsBehindThisString *

WarningIfAmountOfMoneyIsBelow *

Timeout [sec]

If blank, default value will be used (60).

NameOfService

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new USSD service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: UsingATD, MenuSequence, WaitForSMSonMSISDN (robot name), CheckAmountOfMoneyIn, NameOfService, ReportingAlarmingTool and NumberOfRepeatsAfterError

MSISDNfrom (robot name) – click on combo box and select MSISDN from which USSD request should be sent.

USSDstring – set the USSD string.

UsingATD – check the checkbox if USSD should be sent by ATD command. This is not used usually.

MenuSequence – set the sequence of commands if it is necessary to browse through USSD replies. It is possible to use for Zebra robots' *input(value#1)*, *input(value#x)* and for standard DaSeT robots *value#1*, *value#x*.

ExpectedStringInResponse – set an expected content of USSD reply which should be checked with received content.

WaitForSMSatMainModem – check the checkbox if modem should wait also for SMS reply and not only USSD reply.

ExpectedMSISDNofSenderOfSMSatMainModem – set the MSISDN from which should be received SMS reply. This parameter is visible only if WaitForSMSatMainModem checkbox is checked.

ExpectedStringInSMSatMainModem – set an expected content of SMS reply which should be checked with received SMS content. This parameter is visible only if WaitForSMSatMainModem checkbox is checked.

WaitForSMSonMSISDN (robot name) – click on combo box and select MSISDN where DaSeT should wait for other SMS reply (not MSISDN used for USSD sending). If this checkbox is checked then it is necessary to add function SMSRec after USSD service in the profile. Please see settings for function SMSRec.

ExpectedMSISDNofSenderOfSMSAtSecondModem – set the MSISDN from which should be received SMS reply on the second modem. This parameter is visible only if WaitForSMSonMSISDN box is not empty.

ExpectedStringInSMSAtSecondModem – set an expected content of SMS reply which should be checked in SMS on the second modem. This parameter is visible only if WaitForSMSonMSISDN box is not empty.

CheckAmountOfMoneyIn – click on combo box and select the type of checking credit level in USSD reply (USSDresponse / ReceivedSMSatMainModem).

AmountOfMoneyIsBehindThisString – set the string before credit amount in USSD reply. This parameter is visible only if CheckAmountOfMoneyIn box is not empty.

WarningIfAmountOfMoneyIsBelow – set the threshold for credit amount. Test result will be failed if credit amount will be less than threshold amount. This parameter is visible only if CheckAmountOfMoneyIn box is not empty.

Timeout [sec] – defines timeout in seconds used for receiving of USSD and SMS reply. If the box is blank, default value will be used (60).

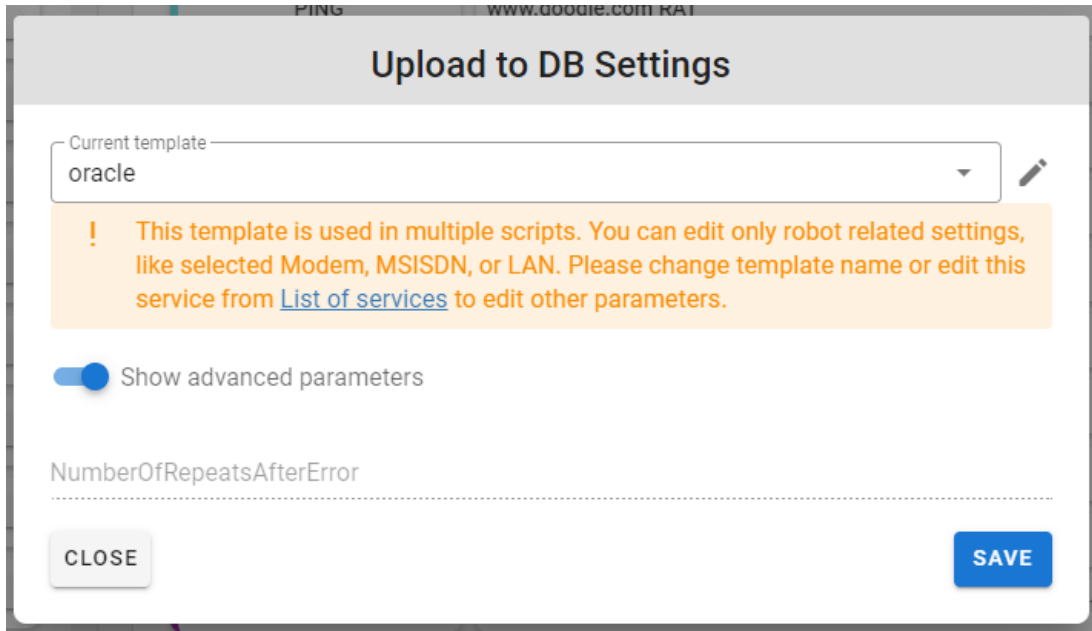
NameOfService – set a name for the type of this test which will be written to the database instead of USSD. This is used just in special cases e.g. USSDSMSREC or ERecharge, etc.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.48 – Upload to DB

Upload to DB function provides connection to the central database eventually also to another Oracle database.



Creating new Upload to DB function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: NumberOfRepeatsAfterError.

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.49 – VMAIL

VMAIL service is used as answering machine, using a standard telephone handset for the user interface.

VMAIL Settings

Current template
vmail

☒ Show advanced parameters

ModemName *
TELIT_HE910

Modem (E2E-112-BB) *
0917147362 (COM15)

VoicemailNumber *
555

DtmfCodesForHearingMessage *
1

DtmfCodesForDeletingMessage *
2

SmsReceivingTimeout [sec]
60

If blank, default value will be used (60).

MicrophoneGainCLVL
5

If blank, default value will be used (5).

☒ UseDirectNumber

DirectNumber *
0905055001

DtmfCodesForDirectNumber *
0907700082#

ReportingAlarmingTool

If blank, default value will be used (Both).

CLOSE SAVE

Creating new VMAIL service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: MicrophoneGainCLVL, UseDirectNumber and ReportingAlarmingTool

ModemName – click on combo box and select the type of modem used in your Voset robot.

Modem (robot name) – click on combo box and select modem for the test.

VoicemailNumber – set the number for the voicemail test.

DtmfCodesForHearingMessage – set the DTMF codes for hearing the message.

DtmfCodesForDeletingMessage – set the DTMF codes for deleting the message.

SmsReceivingTimeout [sec] – value defines timeout in seconds up to which SMS should be received. If the box is blank, default value will be used (60).

MicrophoneGainCLVL – insert the number, which sets the microphone gain. If the box is blank, default value will be used (5).

UseDirectNumber – check this checkbox if you want to use direct number.

DirectNumber – set the direct number you want to use. This parameter is visible only if UseDirectNumber checkbox is checked.

DtmfCodesForDirectNumber – set the DTMF codes for direct number. This parameter is visible only if UseDirectNumber checkbox is checked.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

Part 7.50 – VOICEFIXED

VOICEFIXED service is used for voice call tests between Master and Slave Voseet robot designed for fixed services (PSTN, ADSL or VoIP). This service must be configured on both sides (Master and Slave).

VOICEFIXED Settings

Current template: 1121

☒ Show advanced parameters

WaitingForMasterCall [min]
35
If blank, default value will be used (60).

QualityAnalyze

RingBackToneCode
128
If blank, default value will be used (129).

PauseBeforeSendDTMFcodes [sec]
10
If blank, default value will be used (10).

PORT1
MASTER

WaitForSynchronization1 [sec]
20
If blank, default value will be used (20).

☐ CallToWecanResponder1

☐ CallWithBackCall1

CallTo1
112

OriginalSample1
vb_court_alan.wav
If blank, default value will be used (vb_court_alan.wav).

☐ CombinationWithMobileVoset1

CallDuration1 [sec]
60
If blank, default value will be used (60).

PORT2

PORT3

PORT4

PORT5

PORT6

PORT7

PORT8

ReportingAlarmingTool

If blank, default value will be used (Both).

CLOSE SAVE

Creating new VOICEFIXED service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: RingBackToneCode, PauseBeforeSendDTMFcodes [sec] and ReportingAlarmingTool.

WaitingForMasterCall [min] – If the box is blank, default value will be used (60).

QualityAnalyze – Choose one of the options (PESQ, POLQA-NB or POLQA-WB).

RingBackToneCode – click on combo box and select the code for ring back tone (128/129). If the box is blank, default value will be used (129).

PauseBeforeSendDTMFcodes – If the box is blank, default value will be used (10).

PORT1 – select if Master or Slave phone line is connected to the port 1 on Diva extension card. Keep empty if phone line is not connected.

WaitForSynchronization1 [sec] – If the box is blank, default value will be used (20).

CallToWecanResponder1 – check the checkbox if Wecan responder is connected instead of Slave robot.

CallWithBackCall1 – check the checkbox if you request to test also backward call from Slave to Master. Default value is checked.

CallTo1 – set the MSISDN number used in Slave robot.

OriginalSample1 – select one of available voice samples saved in the folder C:\Program Files\Daset 2012\Daset WorkDir\Voice\Templates. We strongly recommend using standard voice samples (vb_court_alan.wav for PESQ license and NB or vb_court_alan_polqa_wb_48k.wav for POLQA and WB). If the box is blank, default value will be used (vb_court_alan.wav).

CombinationWithMobileVoset1 – check the checkbox if your Master robot for mobile services will initiate voice call to Slave robot for fixed services. In this case it is necessary to synchronize mobile and fixed robots by DTMF codes.

CallDuration1 [sec] – set the duration of voice call in seconds. If you use standard voice samples (vb_court_alan.wav or vb_court_alan_polqa_wb_48k.wav) which are played and recorded by Master and Slave robots for mobile services during the test, then use value 40. Value 60 is needed for testing in fixed networks (PSTN, VoIP or ADSL).

PORT 2-8 – select if Master or Slave phone line is connected to the port 2 on Diva extension card. Keep empty if phone line is not connected.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

Part 7.51 – VOICEMOBILE

VOICEMOBILE service is used for voice call tests between Master and Slave Vaset robot designed for mobile services (2G, 3G or 4G with CSFB feature). This service must be configured on both sides (Master and Slave).

VOICEMOBILE Settings

Current template
BA-VOSET-MASTER_Master_2G_VOLTE-KO-SLAVE2_Slave

☒ Show advanced parameters

MasterMsisdn *
0905018061

SlaveMsisdn *
0905014529

CallDuration [sec]
If blank, default value will be used (40).

PauseBeforeRecPlay [sec]
If blank, default value will be used (0).

RecordingDuration [sec]
If blank, default value will be used (15).

PlayingDuration [sec]
If blank, default value will be used (15).

OriginalSample
If blank, default value will be used (vb_court_alan.wav).

☒ ThisIsMaster

ModemName *
TELIT_HE910

☒ CallWithBackCall

☐ CombinationWithFixVoset

☐ ModemResetBeforeMeasurement

QualityAnalyze
PESQ

ThresholdMOS
If blank, default value will be used (2.7).

OffHookAfterXseconds

☒ DtmfBandDetection

ReportingAlarmingTool
If blank, default value will be used (Both).

CLOSE

SAVE

Creating new VOICEMOBILE service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: PauseBeforeRecPlay [sec], RecordingDuration [sec], PlayingDuration [sec], CombinationWithFixVoset, ModemResetBeforeMeasurement, OffHookAfterXseconds, DtmfBandDetection and ReportingAlarmingTool

MasterMsisdn – set the MSISDN number used in Master robot.

SlaveMsisdn – set the MSISDN number used in Slave robot.

CallDuration [sec] – set the duration of voice call in seconds. If you use standard voice samples (vb_court_alan.wav or vb_court_alan_polqa_wb_48k.wav) which are played and recorded by Master and Slave robots for mobile services during the test, then use value 40. Value 60 is needed for testing in fixed networks (PSTN, VoIP or ADSL). If the box is blank, default value will be used (40).

PauseBeforeRecPlay [sec] – keep empty if you want no pause before rec play sample.

RecordingDuration [sec] – keep empty in case you use standard voice samples (vb_court_alan.wav or vb_court_alan_polqa_wb_48k.wav). If the box is blank, default value will be used (15).

PlayingDuration [sec] – keep empty in case you use standard voice samples (vb_court_alan.wav or vb_court_alan_polqa_wb_48k.wav). If the box is blank, default value will be used (15).

OriginalSample – select one of available voice samples saved in the folder C:\Program Files\Dataset 2012\Dataset WorkDir\Voice\Templates. We strongly recommend using standard voice samples (vb_court_alan.wav for PESQ license and NB or vb_court_alan_polqa_wb_48k.wav for POLQA and WB). If the box is blank, default value will be used (vb_court_alan.wav).

ThisIsMaster – check the checkbox if you configure Master robot. Keep unchecked in case of Slave robot.

ModemName – click on combo box and select the type of modem used in your Voset robot.

CallWithBackCall – check the checkbox if you request to test also backward call from Slave to Master. Default value is checked.

CombinationWithFixVoset – check the checkbox if your Master robot for mobile services will initiate voice call to Slave robot for fixed services. In this case it is necessary to synchronize mobile and fixed robots by DTMF codes.

ModemResetBeforeMeasurement – check the checkbox if it is necessary to reset modem before measurement.

QualityAnalyze – Choose one of the options (PESQ, POLQA-NB or POLQA-WB).

ThresholdMOS – set the threshold for MOS value. If MOS value will be lower than preset value, then result will be failed. Default value is 2.7.

OffHookAfterXseconds – keep empty in case of standard voice tests. Normally incoming call is picked up automatically after ring tone is received. Here can be set up delay between the time when ring tone has been received and the time when robot picks up the call.

DtmfBandDetection – check this checkbox if you want to detect Dtmf band.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

Part 7.52 – VOLTE/VoWIFI

VoLTE/VoWIFI service is used for making call between robots via VOLTE/VOWIFI.

VOLTE/VoWIFI Settings

Current template
SAMSUNG-MASTER_to_VOLTE-MASTER

☒ Show advanced parameters

TypeOfClient *
SLAVE

CallFromMSISDN (E2E-112-BB) *

CallToMSISDN *
+421917427433

☐ WifiCalling

CallDurationInSeconds *
40

WaitForIncomingCallInMinutes *
40

OriginalSample *
8sec_1.wav

☐ CallBack

QualityAnalyze
POLQA_WB

ThresholdMOS
2.5
If blank, default value will be used (3).

ReportingAlarmingTool
OnlyReportingTool
If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE SAVE

Creating new VoLTE/VoWIFI service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

TypeOfClient – click on combo box and select if this robot will be MASTER or SLAVE.

CallFromMSISDN (robot name) – click on combo box and select MSISDN for call.

CallToMSISDN – set the phone number you want to call.

WifiCalling – check this checkbox if you want to make a call via Wi-Fi.

CallDurationSeconds – set the duration of voice call in seconds. If you use standard voice samples (vb_court_alan.wav or vb_court_alan_polqa_wb_48k.wav) which are played and recorded by Master and Slave robots for mobile services during the test, then use value 40. Value 60 is needed for testing in fixed networks (PSTN, VoIP or ADSL).

WaitForIncomingCallInMinutes – set the value in minutes, how long robot will wait for incoming call.

OriginalSample – select one of available voice samples saved in the folder C:\Program Files\Daset 2012\Daset WorkDir\Voice\Templates. We strongly recommend using standard voice samples (vb_court_alan.wav for PESQ license and NB or vb_court_alan_polqa_wb_48k.wav for POLQA and WB).

CallBack – check this checkbox if you want to make a call back.

QualityAnalyze – Choose one of the options (PESQ, POLQA-NB or POLQA-WB).

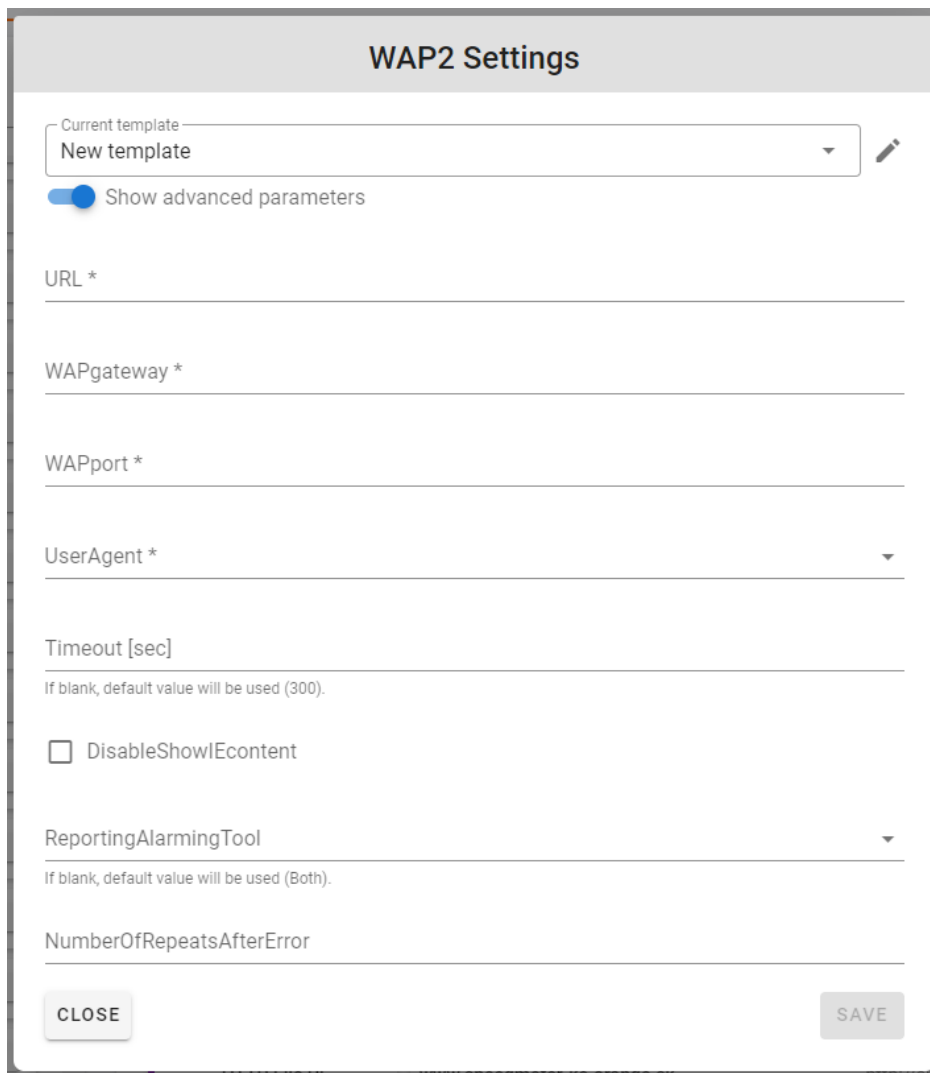
ThresholdMOS – set the threshold for MOS value. If MOS value will be lower than preset value, then result will be failed. Default value is 3.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.53 – WAP2

WAP2 service is used for testing of availability WAP pages through WAP1.2 or WAP2.0 protocol. Be aware that internal redirections are not detected and content of wap page is also not checked. This service just checks if WAP page is completely downloaded. It means that it is not detected when all WAP requests are redirected to some internal page especially in case of insufficient credit on the SIM card or data limit restrictions.



Creating new WAP2 service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: DisableShowIEcontent, ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – se the URL address of tested WAP page.

WAPgateway – set the IP address of WAP GW.

WAPport – set the port number for WAP2 protocol.

UserAgent – click on combo box and select user agent.

Timeout [sec] – value defines timeout in seconds up to which WAP page should be completely downloaded. If the box is blank, default value will be used (300).

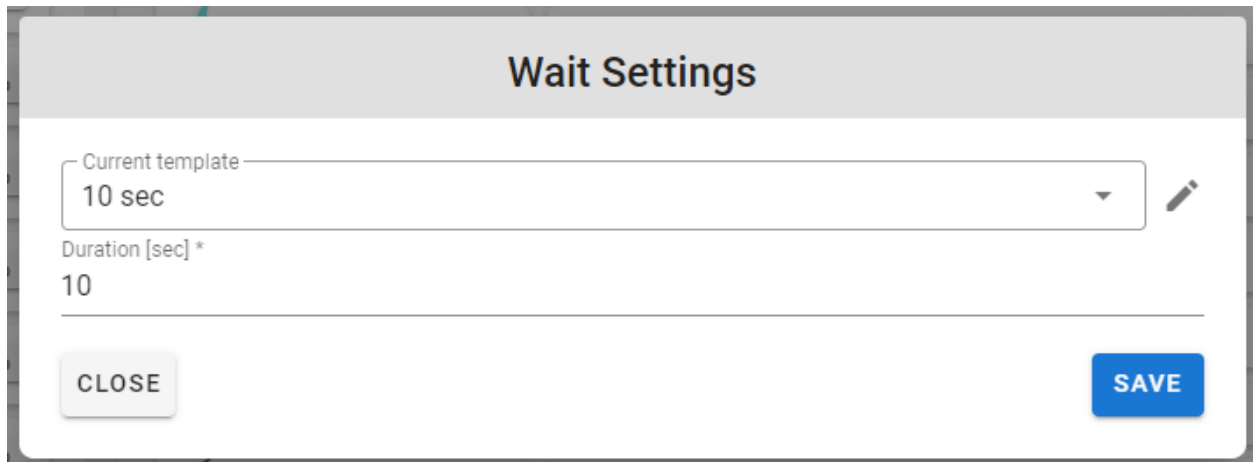
DisableShowIEcontent – check this option if you want to disable display of page content.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.54 – Wait

Wait function creates pause between other functions or tested services. It is strongly recommended to use this Wait function also after each Connect and Disconnect functions. Drag and drop Wait function from Services to Profile window. Then a new window opens with options for this function.

The image shows a 'Wait Settings' dialog box. It has a title bar with the text 'Wait Settings'. Inside the dialog, there are two main input fields. The first is labeled 'Current template' and contains the text '10 sec'. To the right of this field is a small edit icon (a pencil). The second field is labeled 'Duration [sec] *' and contains the text '10'. At the bottom of the dialog, there are two buttons: a 'CLOSE' button on the left and a 'SAVE' button on the right.

Creating new Wait function

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Duration [sec] – this value defines time in seconds.

Part 7.55 – Web Page

Web Page service is used for testing of Web pages with possibility to use one of three browsers (Internet Explorer, Firefox, or Chrome) and with possibility to check predefined string on the page so also internal redirections should be detected in compare to Web service. In case of WEB service content of web page is checked.

Web Page Settings

Current template

chrome_youtube

☒ Show advanced parameters

URL *

http://www.daset.sk/youtube/youtube_v3_html5.html?id=w9vsH5RzLH4&quality=hd2160

Browser

Chrome

If blank, default value will be used (Chrome).

Timeout [sec]

240

If blank, default value will be used (180).

SearchStrings *

Status:

ReportingAlarmingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new Web page service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: ReportingAlarmingTool and NumberOfRepeatsAfterError

URL – set the URL address of tested Web page.

Browser – possibility to select one of four browsers (Internet Explorer, Firefox, Chrome, or Edge). Name of browser will be displayed also in the alarming tool. If the box is blank, default value will be used (Chrome).

Timeout [sec] – value defines timeout in seconds up to which Web page should be completely downloaded. If the box is blank, default value will be used (180).

SearchStrings – set an expected content on the web page which should be checked by this test.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.56 – Web Trans

[Web Trans](#) or MDSP service is used to monitor multi-URL web transactions, such as searching key word, webmail, login/logout, or others web applications.

Web Trans Settings

Current template

4ka_novy_pausal

☒ Show advanced parameters

ProfileName *

Browser

If blank, default value will be used (Chrome).

URL *

https://www.4ka.sk/

Timeout [sec]

If blank, default value will be used (180).

☒ EnableLocalDatabase

Default value (true).

ReportingAlarmingTool

OnlyReportingTool

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new Web Trans service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: EnableLocalDatabase, ReportingAlarmingTool and NumberOfRepeatsAfterError

ProfileName – click on the combo box and select name of profile.

Browser – possibility to select one of four browsers (Internet Explorer, Firefox, Chrome, or Edge). Name of browser will be displayed also in the alarming tool. If the box is blank, default value will be used (Chrome).

URL – set the URL of tested Web page.

Timeout [sec] – defines timeout in seconds. If the box is blank, default value will be used (180 seconds).

EnableLocalDatabase – if this checkbox is checked, the local database is enabled. Default value is TRUE.

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.

Part 7.57 – Webservice

[Webservice](#) service is used for testing the web services.

Webbservice Settings

Current template
DigitalOnboardingTool

☒ Show advanced parameters

RequestURL *
https://apis.ocp.orange.sk/api/extAn/customerDigitalOnboarding/v3/onboarding-session

Method
GET

If blank, default value will be used (POST).

SecurityProtocol
TLS1.2

ClientCertificate

ProxyServer

SoapAction

Request

Attachment

WsdIURL

ErrorIf
StatusCode != (200)

SearchStrings

Headers
Accept:application/json;;osk_message_id:test;;osk_transaction_id:test;;osk_consuming_cc

ElementFromResponseToSave

HTTPAuthorizationName

☐ SipcanMode

Timeout [sec]

If blank, default value will be used (60).

ReportingAlarmingTool
None

If blank, default value will be used (Both).

NumberOfRepeatsAfterError

CLOSE

SAVE

Creating new Webservice service

Current template - is used to give name to this function. It is possible to create more templates for different modems. You can create new template or use existing one or change name of template after right click on the name and Rename selection.

Show advanced parameters – if this box is checked, following parameters will be added: Method, SecurityProtocol, ClientCertificate, ProxyServer, SoapAction, WsdlURL, ElementFromResponseToSave, SipcanMode, ReportingAlarmingTool and NumberOfRepeatsAfterError

RequestURL – set the URL address.

Method – click on combo box and select method for this test (GET / POST). If the box is blank, default value will be used (POST).

SecurityProtocol – click on combo box and select security protocol for this test (TLS1.2 / TLS1.1 / TLS1.0 / SSL3).

ClientCertificate – click on the combo box and select the certificate for the client.

ProxyServer – set the proxy server for the test.

SoapAction – set a SOAP action you want to perform in the test.

Request – set the request for webservice test.

RequestType – click on combo box and select the request type (XML / JSON / OTHER). This parameter is visible only if request box is not empty.

Attachment – click on the combo box and select the file to attach.

WsdlURL – set the WSDL URL address of the web page.

ErrorIf – set the condition for displaying error.

SearchString – set an expected content on the web page which should be checked by this test.

Headers – set the header used in the test.

ElementFromResponseToSave – set the element from response which should be saved.

HTTPAuthorizationName – set the name for HTTP authorization.

HTTPAuthorizationPassword – set the password for HTTP authorization. This parameter is visible only if HTTPAuthorizationPassword box is not empty.

SipcanMode – check the checkbox if you want to enable Sipcan mode.

SipcanThresholdMOS – set the Sipcan threshold for MOS value. If MOS value will be lower than preset value, then result will be failed. Default value is 2.5.

Timeout [sec] – defines timeout in seconds. If the box is blank, default value will be used (60 seconds).

ReportingAlarmingTool – click on combo box and select where the test results will be sent (BOTH / OnlyReportingTool / NONE). If combo box is blank, default value will be used (BOTH).

NumberOfRepeatsAfterError – defines number of repeats in case of failed test. If it is empty, then test is not repeated after failed attempt. We recommend keeping this parameter empty because results can be not realistic.