


DAIMLER

IS-MoCA 1.1.0 
Training Material
IT/OCS



IS-MoCA Training Material

Agenda

1 Introduction

2 Common Handling

3 New Functionality

4 Use Cases

IS-MoCA

Introduction

IS-MoCA is the redesign of the IS-VISU+ Fat clients and is an abbreviation for

Monitoring, **C**onfiguration & **A**dministration

or
Modern **C**lient **A**rchitecture

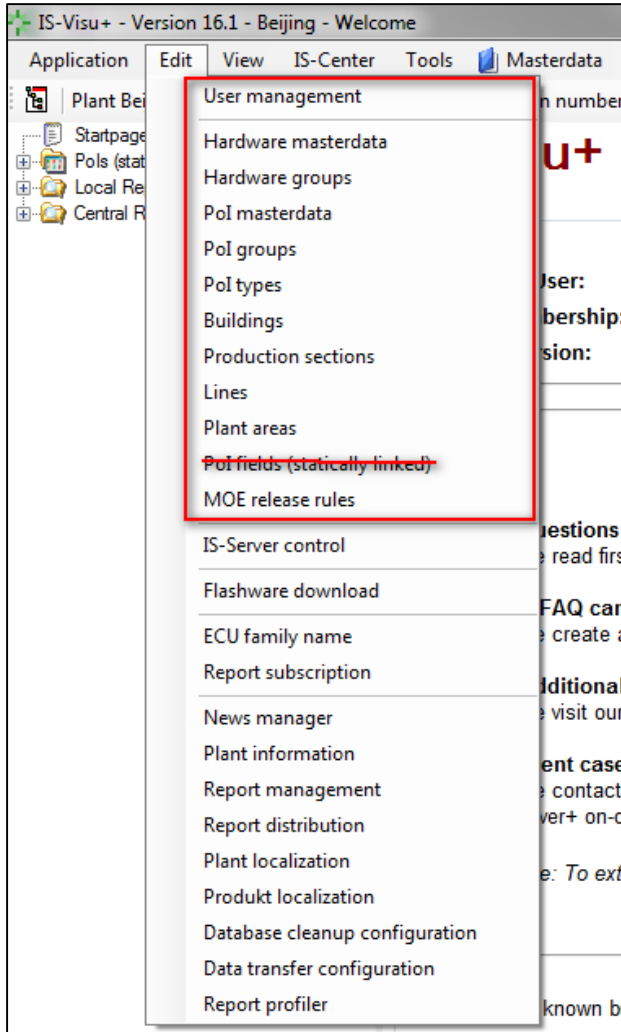
The application works with all established browsers:

- Internet Explorer 11 / Microsoft Edge
- Firefox v30
- Chrome v40

It should also work well with Mobile operating systems and browsers, but has not been tested yet.

IS-MoCA

Implemented Functionality in 1.1



IS-VISU+ Functionality

Master Data Management of IS-Visu+

Based on the v17 functionality with the circulating tester

MOE Release-Rules

Management of the MOE Release Rules

New Functionality

Point of Inspection Monitoring

Monitoring of tester states at a specific POI

Hardware Monitoring

Monitoring the tester hardware status history

IS-Service+

Overview of SHOULD BE and IS configuration

CeBAS

Possible linking by tester hardware



Other use cases like Reporting, are still available in IS_VISU.

IS-MoCA

Agenda

1 Introduction

2 Common Handling

3 New Functionality

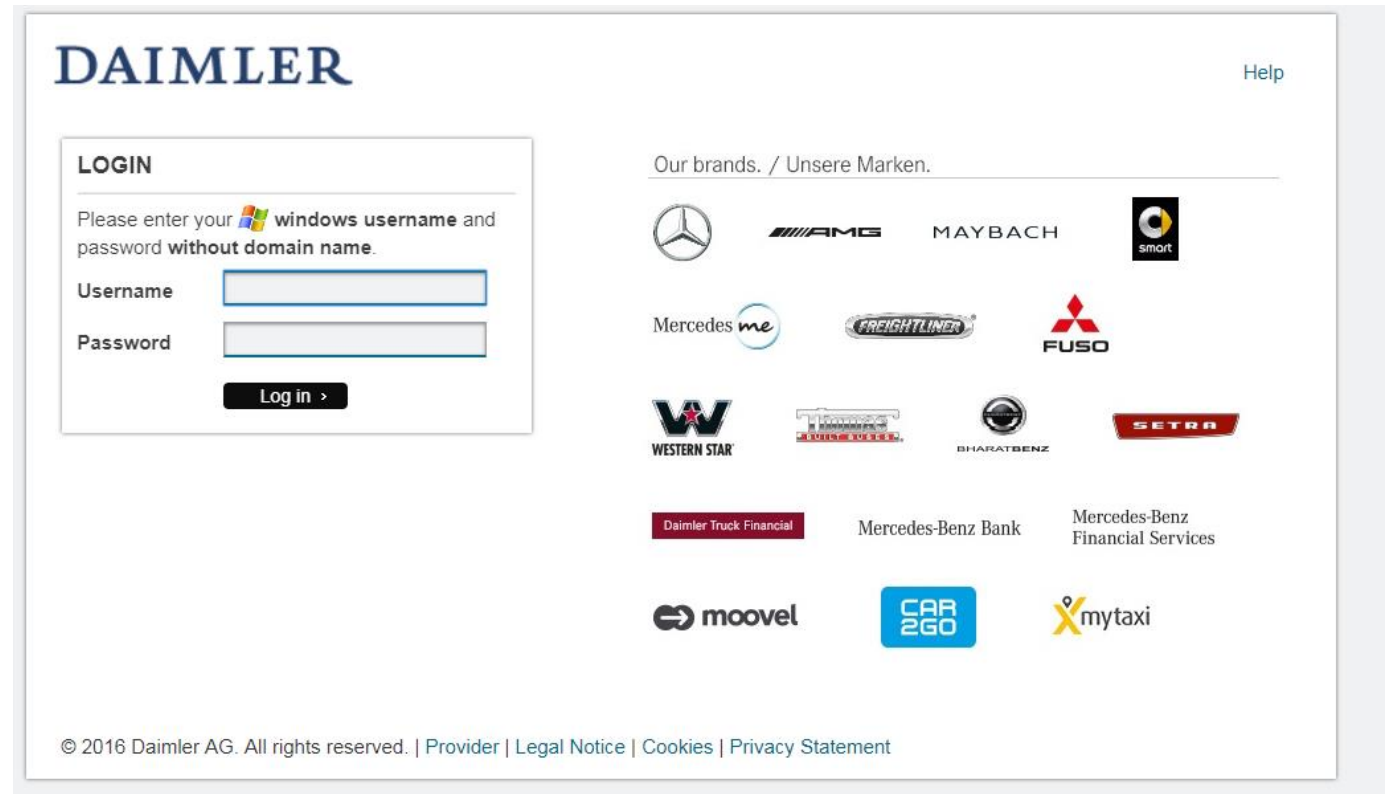
4 Use Cases

IS-MoCA

Login

For the login the **Windows username** and password must be used.

The Windows username must be entered without the domain name.



The screenshot shows the Daimler login interface. At the top left is the 'DAIMLER' logo. On the right is a 'Help' link. Below the logo is a 'LOGIN' section with a heading 'Please enter your windows username and password without domain name.' It contains two input fields: 'Username' and 'Password', followed by a 'Log in >' button. To the right of the login section is a grid of brand logos under the heading 'Our brands. / Unsere Marken.' The brands include Mercedes-Benz, AMG, MAYBACH, smart, Mercedes me, FREIGHTLINER, FUSO, WESTERN STAR, L-Series, BHARATBENZ, SETRA, Daimler Truck Financial, Mercedes-Benz Bank, Mercedes-Benz Financial Services, moovel, CAR2GO, and mytaxi. At the bottom, there is a copyright notice: '© 2016 Daimler AG. All rights reserved.' followed by links for 'Provider', 'Legal Notice', 'Cookies', and 'Privacy Statement'.

IS-MoCA

Start page

Assistbar with username, environment, plant and language selection

The screenshot shows the IS-MoCA start page. At the top is a navigation bar with a back arrow, the text 'Daimler IS-MoCA', and a right-aligned area containing 'Welcome, APAC\SSONAVA | Production |' followed by status icons, a dropdown menu showing '0500 - INT1 - i050alisa266', and a language selector set to 'EN'. Below the navigation bar is a 'Feed' section on the left and a 'Masterdata' grid on the right. The 'Feed' section includes 'IS-MoCA Version' (Frontend: 1.1.0.33-ea61aac6, Backend: 1.1.0.33-51c1376d64), 'Short notifications' (IS-MoCA upgraded to 1.1.0.33, Upgrade Notes), and 'Unsynced elements' (Plant areas: 0, Points of inspection: 0, Release Rules: 0) with 'Synchronize' buttons. The 'Masterdata' grid contains 12 tiles: Tree view, Hardware, Hardware groups, Hardware types, Points of Inspection, Point of Inspection groups, Point of Inspection types, Plants, Buildings, Production sections, Lines, Plant areas, InQa Filter sets, Vehicle groups, and Synchronization.

News feed with application version, notifications and unsynchronized objects

Selection of functionality

IS-MoCA

Assistbar



- 1 Navigate one level up
- 2 Navigate to start page
- 3 Functionality of the same category
- 4 Logged in user
- 5 Environment
- 6 Connection status for push notifications
- 7 Help link
- 8 Send mail to support
- 9 Plant
- 10 Language selection
- 11 Logout

IS-MoCA

Dialog with Table control

953 / 953 Search results							
5 <input type="checkbox"/>	Host Id	HW Type	Description	Hardware Id	Static POI	Static	Module configuration
<input checked="" type="checkbox"/>	c050I0039191007			007000		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	c050I0044445391		Blubb	007047		<input type="checkbox"/>	IS-Service+ 18.00.19.04
<input checked="" type="checkbox"/>	c050neuehardware			007186	674	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11
<input checked="" type="checkbox"/>	ce12358			007205		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	cgsclit43514357			006971		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	cgsclit43514365			006972		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	cmtcl041853			006970		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	cmtcl064658			007001		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	cmtcl071427			007064		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	cmtcl0w53065395			007104	731	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11

- 1 Possible actions
- 2 Status filter with number of datasets
- 3 Search term filter
- 4 Table configuration
- 5 Data selection
- 6 Editor dialog
- 7 Select/unselect per row

IS-MoCA

Filtering results

The screenshot shows the IS-MoCA interface. At the top, there are tabs for 'CSV' and 'Create'. Below them is a search bar with the text 'All' and a dropdown menu showing '1' and '2'. A search results table is displayed with 26 results. A column selection dialog is open, showing a list of columns: 'All' (checked), 'Name', 'Description', 'Parent', 'Modifier', and 'Modification timestamp'. The table has columns 'Name' and 'Parent'. The 'Name' column contains values: 10, 11, 11/1, 15/2, 15/3, 26, 3/10. The 'Parent' column contains values: 0500, 0500, 0500, 0500, 0500, 0500, 0500.

Name	Parent
10	0500
11	0500
11/1	0500
15/2	0500
15/3	0500
26	0500
3/10	0500

- 1 Opens column selection dialog
- 2 Selection of the column names to search from
- 3 Search term

- By default all columns will be searched for the given search term
- If the search term was found in any row of a column, the row will be part of the result data
- It is possible to select a specific column via the column selection dialog
- A wildcard search is initiated when a search term is entered
 - The search term **indel** matches **Sindelfingen** since ***indel*** is assumed as internal match
 - If the exact search term needs be matched, then the search term should be entered within quotes. For e.g. **"indel"**
 - As wildcards **"* = one or more arbitrary values"** oder **"? = one arbitrary value"** can be used
- Terms separated by blanks are considered as separate values using the AND condition
- Quotes must be used, if you want the search term with blanks to be considered as a single unit, instead of two separate terms with an AND condition. For e. g. **"TS4 Repair Party"**

IS-MoCA

Tables

1

2

3

4

Host Id	HW Type	Description	Hardware Id	Static POI	Static	Module configuration	Hardware groups	Godfather
<input checked="" type="checkbox"/> c050I0039191007			007000		<input type="checkbox"/>		✓	<input type="checkbox"/>
<input checked="" type="checkbox"/> c050I0044445391		Blubb	007047		<input type="checkbox"/>	IS-Service+ 18.00.19.04	✓	<input type="checkbox"/>
<input checked="" type="checkbox"/> c050neuehardware			007186	674	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11	✗	<input type="checkbox"/>
<input checked="" type="checkbox"/> ce12358			007205		<input type="checkbox"/>		✓	<input type="checkbox"/>
<input checked="" type="checkbox"/> cgsclit43514357			006971		<input type="checkbox"/>		✓	<input type="checkbox"/>
<input checked="" type="checkbox"/> cgsclit43514365			006972		<input type="checkbox"/>		✓	<input type="checkbox"/>

5

6

☒ Host Id

☒ HW Type

☒ Description

☒ Hardware Id

☒ Static point of Inspection

☒ Static

☒ Module configuration

- 1 Select/unselect all rows
- 2 Select/unselect one row
- 3 Table data is sorted by this column
- 4 Open edit dialog
- 5 Column configuration dialog for hiding/unhiding columns
- 6 Visible/hidden columns

Table configuration

2

3

4

My View

1

+

↺

🗑

- 1 Select table configuration
- 2 Save a new table configuration
- 3 Overwrite existing table configuration
- 4 Delete table configuration

IS-MoCA

Agenda

1 Introduction

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4 Use Cases

IS-MoCA

Live locking of data

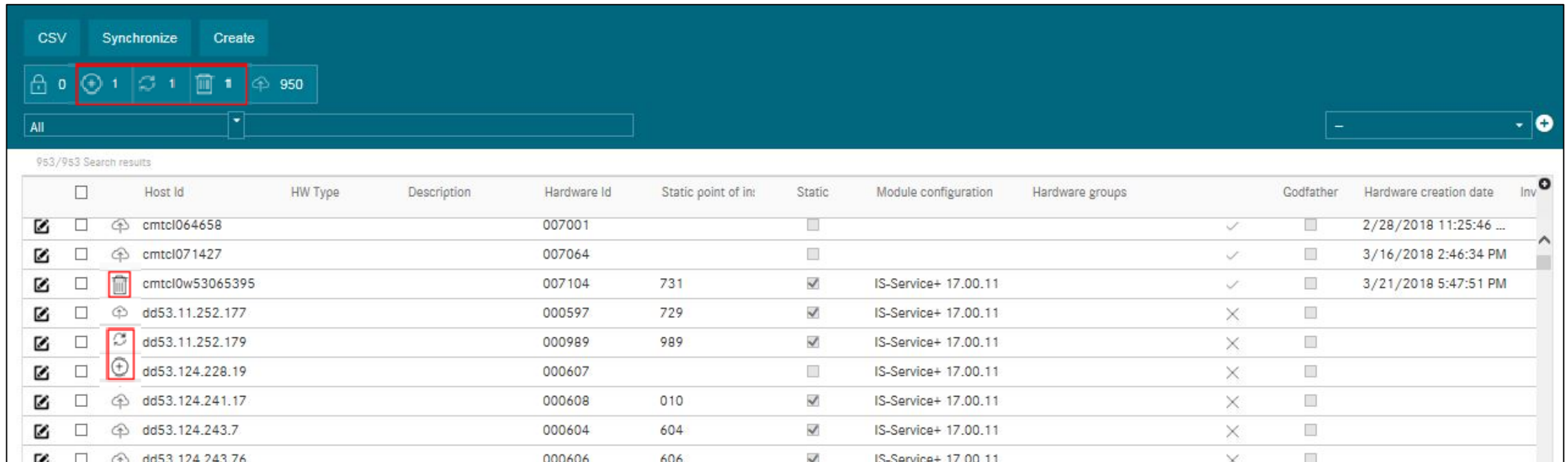
The screenshot displays the IS-MoCA interface. At the top, there are buttons for 'CSV', 'Synchronize', and 'Create'. Below these, a status bar shows '1' locked record, '0' new records, '3' refreshes, '0' deletions, and '950' total records. A search bar is set to 'All'. The main table shows 953/953 search results with columns: Host Id, HW Type, Description, Hardware Id, Static point of in:, Static, Module configuration, Hardware groups, Godfather, Hardware creation date, and Inv. The second record is locked, indicated by a red box around the lock icon. The 'Update Hardware' modal is open, showing fields for Host Id, Hardware type, Description, Hardware Id, Static point of Inspection, Module configurations, Device state, Hardware groups, Godfather, Addressing fixed, Fixed IP address, Inventory number, Task sequence, Connected, and Hardware creation date. A red arrow points from the text below to the lock icon in the table.

While editing master data other users are notified instantly if the current record is locked for editing by another user. If the editor doesn't unlock the record after editing, the lock is automatically revoked after a few minutes.

IS-MoCA

Unsynced changes

- Changes which must be synchronized with IS-Server are highlighted with different icons representing the states “created”, “changed” and “deleted”
- Data can be easily filtered by status using the status filter buttons

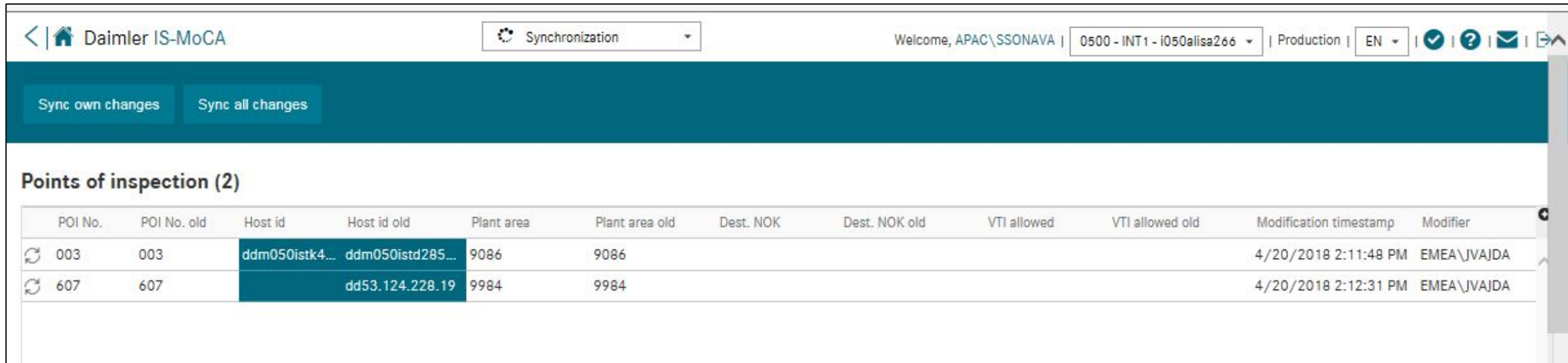


<input type="checkbox"/>	Host Id	HW Type	Description	Hardware Id	Static point of in:	Static	Module configuration	Hardware groups	Godfather	Hardware creation date	Inv
<input checked="" type="checkbox"/>	<input type="checkbox"/>		cmtcl064658	007001		<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	2/28/2018 11:25:46 ...
<input checked="" type="checkbox"/>	<input type="checkbox"/>		cmtcl071427	007064		<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/16/2018 2:46:34 PM
<input checked="" type="checkbox"/>	<input type="checkbox"/>		cmtcl0w53065395	007104	731	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11		<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/21/2018 5:47:51 PM
<input checked="" type="checkbox"/>	<input type="checkbox"/>		dd53.11.252.177	000597	729	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		dd53.11.252.179	000989	989	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		dd53.124.228.19	000607		<input type="checkbox"/>	IS-Service+ 17.00.11		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		dd53.124.241.17	000608	010	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		dd53.124.243.7	000604	604	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		dd53.124.243.76	000606	606	<input checked="" type="checkbox"/>	IS-Service+ 17.00.11		<input checked="" type="checkbox"/>	<input type="checkbox"/>	

IS-MoCA

Unsynced Changes

- Changed attributes are displayed in dialog “Synchronization with IS-Server”
- If the changes do not overlap with other users, then it is feasible to just synchronize the changes made by the own user



The screenshot shows the Daimler IS-MoCA web interface. At the top, there is a navigation bar with a home icon, the text 'Daimler IS-MoCA', a 'Synchronization' dropdown menu, and user information: 'Welcome, APAC\SSONAVA | 0500 - INT1 - i050alisa266 | Production | EN'. Below the navigation bar, there are two buttons: 'Sync own changes' and 'Sync all changes'. The main content area is titled 'Points of inspection (2)' and contains a table with two rows of data. Each row has a refresh icon in the first column. The table columns are: POI No., POI No. old, Host id, Host id old, Plant area, Plant area old, Dest. NOK, Dest. NOK old, VTI allowed, VTI allowed old, Modification timestamp, and Modifier.

	POI No.	POI No. old	Host id	Host id old	Plant area	Plant area old	Dest. NOK	Dest. NOK old	VTI allowed	VTI allowed old	Modification timestamp	Modifier
↻	003	003	ddm050istk4...	ddm050istd285...	9086	9086					4/20/2018 2:11:48 PM	EMEA\JVAJDA
↻	607	607		dd53.124.228.19	9984	9984					4/20/2018 2:12:31 PM	EMEA\JVAJDA

IS-MoCA

Hierarchical Data Tree View

- Hierarchical tree view in addition to the flat view
- It is possible to define additional plants as group elements

The screenshot displays the Daimler IS-MoCA web application interface. On the left, a hierarchical tree view shows the structure of the data, with nodes like '0500', '10', 'MO', '7', '904', and 'ddp050wprint00904'. The 'ddp050wprint00904' node is selected. The main area on the right is titled 'Update Hardware' and contains several input fields and buttons. The 'Host Id' field is populated with 'ddp050wprint00904'. The 'Hardware type' field is a dropdown menu. The 'Description' field is a text area. The 'Hardware Id' field is populated with '000904'. The 'Static point of Inspection' field is a dropdown menu with '904' selected. The 'Module configurations' field is a dropdown menu with 'IS-Service+ 17.00.11' selected. The 'Device state' field is a dropdown menu with 'ACTIVE' selected. The 'Hardware groups' field shows 'No groups added'. The 'Godfather' field has an unchecked checkbox. The 'Addressing fixed' field has an unchecked checkbox. The 'Fixed IP address' field is a text input. The 'Inventory number' field is a text input. The top navigation bar includes the Daimler IS-MoCA logo, a 'Tree view' dropdown, and user information: 'Welcome, APAC\SSONAVA', '0500 - INT1 - 1050a1isa266', 'Production', 'EN', and several icons for help, search, and other functions.

Daimler IS-MoCA

Tree view

Welcome, APAC\SSONAVA | 0500 - INT1 - 1050a1isa266 | Production | EN

Hardware Id

Enter a minimum of three characters to search

0500

10

MO

7

904

ddp050wprint00904

Aktion

Werkstatt

11

11/1

15/2

15/3

26

3/10

32

36

36/7

38

38/5

38/9

40/10

Update Hardware

Update Reset Delete

Host Id: ddp050wprint00904

Hardware type: -

Description:

Hardware Id: 000904

Static point of Inspection: 904

Module configurations: IS-Service+ 17.00.11

Device state: ACTIVE

Hardware groups: No groups added

Godfather: ☐

Addressing fixed: ☐

Fixed IP address:

Inventory number:

IS-MoCA

CSV Export

- CSV export is available for all tables

< | Daimler IS-MoCA | Hardware | Welcome, APAC\SSONAVA | Production | 0500 - INT1 - 1050a1isa266 | EN |

CSV Synchronize Create

0 0 0 0 955

All | My View

955 / 955 Search results

	Host Id	HW Type	Description	Hardware Id	Static point of inspection	Static	Module configuration	Hardware groups	Godfather	Hardware creation date	Inventory number
<input checked="" type="checkbox"/>	2027			007287			IS-Service+ 17.00.11			5/3/2018 5:43:01 PM	
<input checked="" type="checkbox"/>	c050i0039191007			007000							
<input checked="" type="checkbox"/>	c050i0044445391			007285							
<input checked="" type="checkbox"/>	c050i0049702027			007288							
<input checked="" type="checkbox"/>	c050neuehardware			007205							
<input checked="" type="checkbox"/>	ce12358			006971							
<input checked="" type="checkbox"/>	cgscit43514357			006972							
<input checked="" type="checkbox"/>	cgscit43514365			006970							
<input checked="" type="checkbox"/>	cmtcl041853			007001							
<input checked="" type="checkbox"/>	cmtcl064658			007064							
<input checked="" type="checkbox"/>	cmtcl071427			007104							
<input checked="" type="checkbox"/>	cmtcl0w53065395			000597							
<input checked="" type="checkbox"/>	dd53.11.252.177			000989							
<input checked="" type="checkbox"/>	dd53.11.252.179			000607							
<input checked="" type="checkbox"/>	dd53.124.228.19			000608							
<input checked="" type="checkbox"/>	dd53.124.241.17			000604							
<input checked="" type="checkbox"/>	dd53.124.243.7			000606							
<input checked="" type="checkbox"/>	dd53.124.243.76			000606							

Hardware_20180508-15_10_54.xlsx - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW Sonavane, Sheetal (623)

Clipboard Font Alignment Number Styles Cells Editing

J6 : X ✓ fx FALSE

	A	B	C	D	E	F	G	H	I	J
1	Host Id	HW Type	Description	Hardware Id	Static point of Inspection	Static	Module configuration	Hardware groups	Connecte	Godfath
2	2027			7287			IS-Service+ 17.00.11		FALSE	FALSE
3	c050i0039191007			7000				c050_CE	TRUE	FALSE
4	c050i0044445391			7285	602		IS-Service+ V18.00.21	c050_CE	TRUE	FALSE
5	c050i0049702027			7288			IS-Service+ V18.00.21		TRUE	FALSE
6	c050neuehardware			7186	674		IS-Service+ 17.00.11		FALSE	FALSE

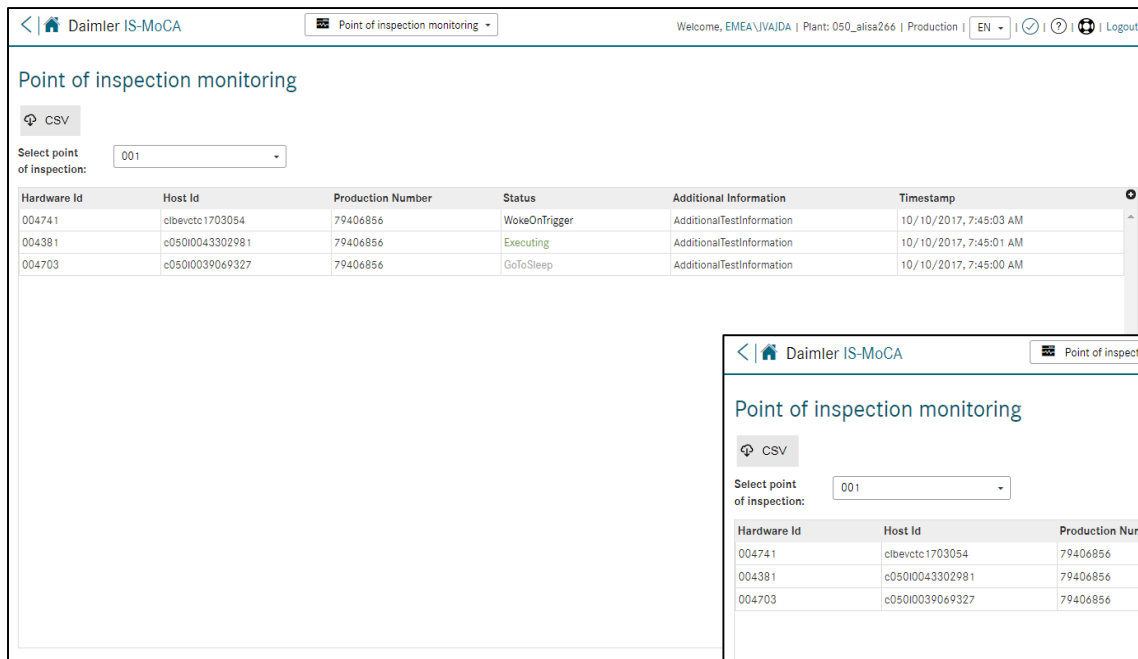
Sheet1

READY 85%

IS-MoCA

Point of Inspection Monitoring

- Displays the current status of a tester hardware at the Point of Inspection
- The data is updated by push notifications without the need of reloading the page
- An update cycle interval can be configured for each Pol which represents the time after which a tester hardware is considered overdue while executing tests

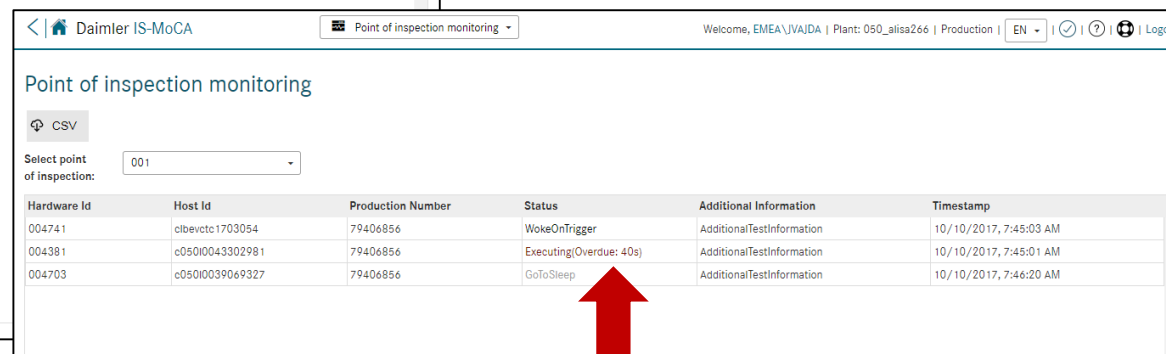


Point of inspection monitoring

CSV

Select point of inspection: 001

Hardware Id	Host Id	Production Number	Status	Additional Information	Timestamp
004741	clbevctc1703054	79406856	WokeOnTrigger	AdditionalTestInformation	10/10/2017, 7:45:03 AM
004381	c050I0043302981	79406856	Executing	AdditionalTestInformation	10/10/2017, 7:45:01 AM
004703	c050I0039069327	79406856	GoToSleep	AdditionalTestInformation	10/10/2017, 7:45:00 AM



Point of inspection monitoring

CSV

Select point of inspection: 001

Hardware Id	Host Id	Production Number	Status	Additional Information	Timestamp
004741	clbevctc1703054	79406856	WokeOnTrigger	AdditionalTestInformation	10/10/2017, 7:45:03 AM
004381	c050I0043302981	79406856	Executing(Overdue: 40s)	AdditionalTestInformation	10/10/2017, 7:45:01 AM
004703	c050I0039069327	79406856	GoToSleep	AdditionalTestInformation	10/10/2017, 7:46:20 AM

IS-MoCA

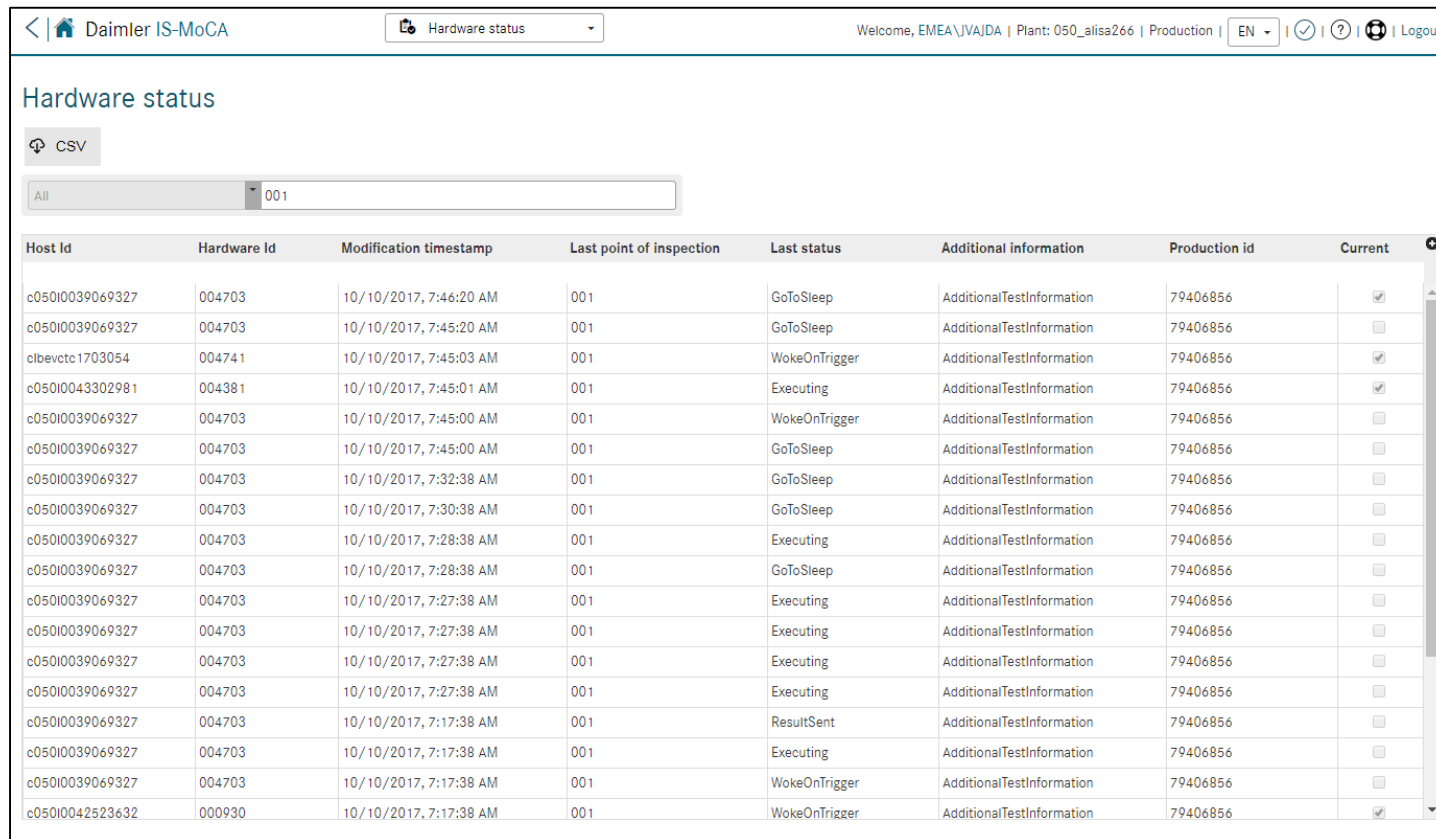
Point of Inspection Monitoring

- NiSP provides a new function „setTesterState“ with the following states
 - wokeOnTrigger
 - wokeOnTimer
 - executing
 - resultSent
 - goToSleep
- This functionality must be implemented in the test sequences
- An update cycle interval must be configured for each Point of Inspection in IS-MoCA. This update cycle defines the time after which a tester with the status –Executing, should be marked as overdue. The default value is 60 seconds.

IS-MoCA

Tester Hardware Status (Nisp Status Announcements)

- Provides the possibility to monitor all activities of a tester hardware
- Includes the entire status history of a tester hardware



Hardware status

CSV

All 001

Host Id	Hardware Id	Modification timestamp	Last point of inspection	Last status	Additional information	Production id	Current
c050i0039069327	004703	10/10/2017, 7:46:20 AM	001	GoToSleep	AdditionalTestInformation	79406856	<input checked="" type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:45:20 AM	001	GoToSleep	AdditionalTestInformation	79406856	<input type="checkbox"/>
clbevctc1703054	004741	10/10/2017, 7:45:03 AM	001	WokeOnTrigger	AdditionalTestInformation	79406856	<input checked="" type="checkbox"/>
c050i0043302981	004381	10/10/2017, 7:45:01 AM	001	Executing	AdditionalTestInformation	79406856	<input checked="" type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:45:00 AM	001	WokeOnTrigger	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:45:00 AM	001	GoToSleep	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:32:38 AM	001	GoToSleep	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:30:38 AM	001	GoToSleep	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:28:38 AM	001	Executing	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:28:38 AM	001	GoToSleep	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:27:38 AM	001	Executing	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:27:38 AM	001	Executing	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:27:38 AM	001	Executing	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:17:38 AM	001	ResultSent	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:17:38 AM	001	Executing	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0039069327	004703	10/10/2017, 7:17:38 AM	001	WokeOnTrigger	AdditionalTestInformation	79406856	<input type="checkbox"/>
c050i0042523632	000930	10/10/2017, 7:17:38 AM	001	WokeOnTrigger	AdditionalTestInformation	79406856	<input checked="" type="checkbox"/>

IS-MoCA

IS-Service+

The active module list is displayed on the Tester Hardware. From here, one can know if the exact required configuration is active or not. If not, then the Tester Hardware should be rebooted.

IS-Service+ Modules			
Active module configuration IS-Service+ 18.00.19.04			
Name	Status	Version	Modification timestamp
CONFIGANDMASTERD...	STOPPED	18.00.19.25547	4/12/2018 7:56:35 PM
CORE	FULLY_OPERATIONAL	18.00.19.25550	4/12/2018 7:34:16 PM
NISPINTERFACE	STOPPED	18.00.19.25548	4/12/2018 7:56:35 PM

Update Hardware

Host Id:

c05010044445391

Hardware type:

—

Description:

Blubb

Hardware Id:

007047

Static point of inspection:

—

Module configurations:

IS-Service+ 18.00.19.04

Device state:

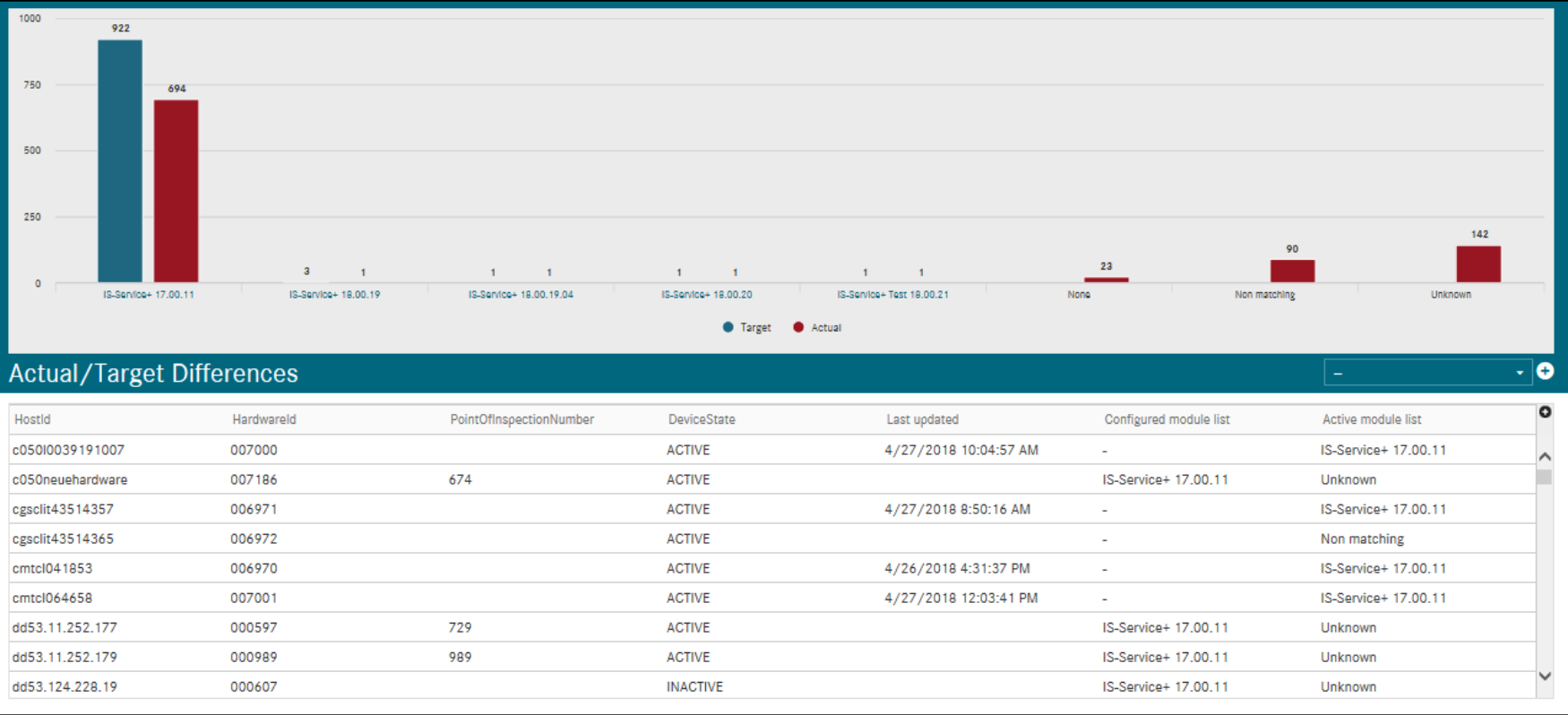
INACTIVE

Hardware groups:

No groups added

IS-MoCA

IS-Service+



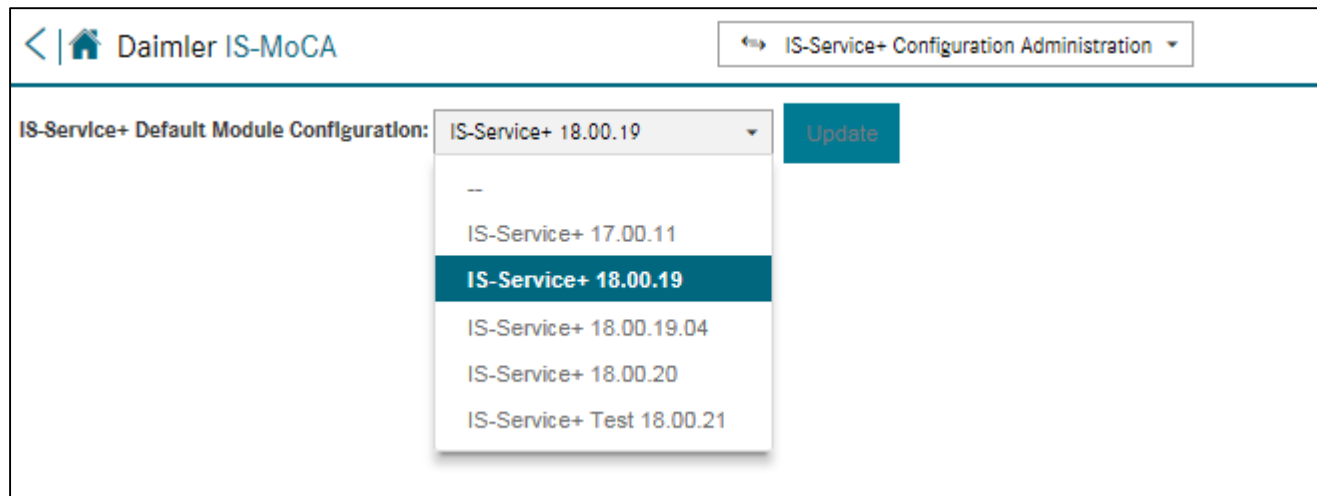
Overview of the IS-Service ‘SHOULD’ and ‘IS’ module list for all Tester Hardware. This allows us to see the currently used configuration and if this is a deviation from the configured module list.

IS-MoCA

IS-Service+

There is a possibility to administer the IS-Service+ Default configuration using the IS-MoCA. Previously it was done only by the Operations team. If a Default configuration is created, then automatically a new Tester Hardware is assigned to it, when the device information is sent from the IS-Service+ to the Server.

Groups: MOE-ADMIN, OPERATIONS TEAM



IS-MoCA

Agenda

1 Introduction

2 Common Handling

3 New Functionality

4 Use Cases

IS-MoCA

Adding new tester hardware

Automatic creation of a tester hardware

- At the first start of the IS-Service after a reboot or after the initial start of the operating system, the IS-Service will send the device information to the IS-Server+. IS-MoCA will create the tester hardware, assign a hardware ID and **assign a default IS-Service+** configuration (improvement compared to IS-Visu+).
- Alternatively the tester hardware can be created manually in IS-MoCA first, so that the master data is available when the device is started for the first time. After that, when the tester hardware is running, technical data like network interfaces and module information will be aligned with the master data. The worldwide identification of the tester hardware is possible over a unique hostname
- The following steps are necessary for the master data management in IS-MoCA
 - Creating the tester hardware manually
 - Creating the Point of Inspection and linking the tester hardware to the PoI manually

IS-MoCA

Creating new tester hardware

The screenshot displays the Daimler IS-MoCA web application interface. At the top, the header includes the logo, user information, and navigation links. The main content area is divided into sections: 'Feed' on the left and 'Masterdata' on the right. The 'Masterdata' section contains three sub-sections: 'Tree view', 'Hardware', and 'Hardware groups'. The 'Hardware' sub-section is highlighted with a red box. Below the 'Masterdata' section, there is a toolbar with buttons for 'CSV', 'Synchronize', and 'Create'. The 'Create' button is also highlighted with a red box. A red arrow points from the 'Create' button to the 'Create Hardware' form on the right. The 'Create Hardware' form contains fields for 'Host Id', 'Hardware type', 'Description', 'Static point of Inspection', 'Module configurations', 'Device state', 'Godfather', 'Addressing fixed', 'Fixed IP address', and 'Inventory number'. The 'Host Id' field has a red border and a red arrow pointing to it. The 'Device state' dropdown is set to 'ACTIVE'.

Feed

IS-MoCA Version

Frontend 1.1.0.31-791e207d

Backend 1.1.0.31-f764ea63ba

Masterdata

Tree view

Hardware

Hardware groups

CSV Synchronize Create

0 0 3 0 950

All

Create Hardware

Host Id:

A host id can consist of lowercase letters, numbers and a maximum of 50 characters.

Hardware type:

Description:

Static point of Inspection:

Module configurations:

Device state:

Godfather: ☐

Addressing fixed: ☐

Fixed IP address:

Inventory number:

IS-MoCA

Creating new tester hardware

Create Hardware

Host Id: Please enter a value.
A host id can consist of lowercase letters, numbers and a maximum of 50 characters.

Hardware type:

Description:

Static point of inspection:

Module configurations:

Device state:

Godfather: ☐

Addressing fixed: ☐

Fixed IP address:

Inventory number:

Task sequence:

The host id of the tester must be entered which must be identical to the hostname of the tester hardware which the tester initially used for communication with the IS-Server+.



The host id cannot be changed after the tester hardware has been created!

Furthermore the configuration for the IS-Service+ must be chosen. The appropriate configuration is dependent on the version of NiSP used on the tester hardware.

IS-Service+ 17.00.11

IS-Service+ 18.00.19

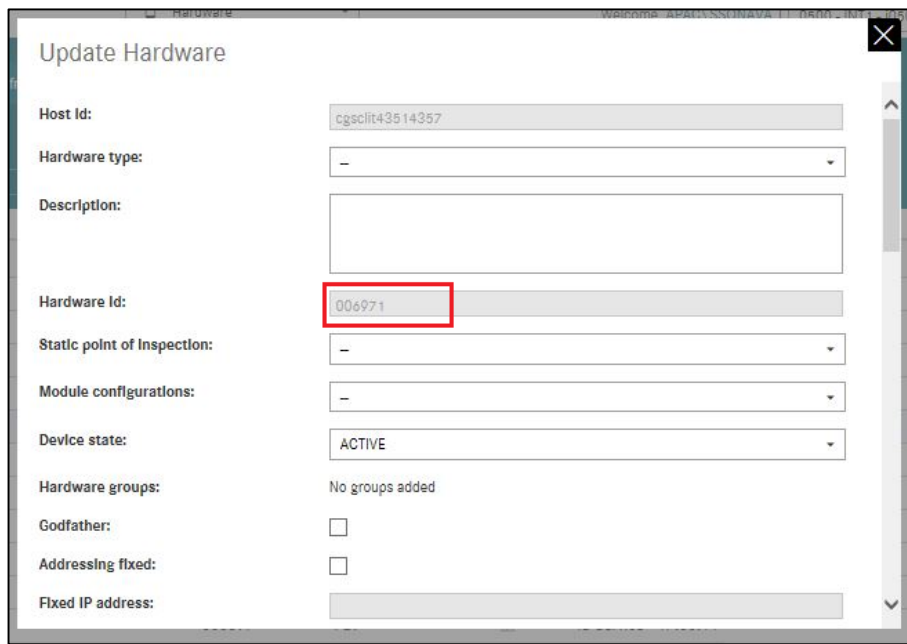
IS-Service+ 18.00.19.04

IS-Service+ 18.00.20

IS-Service+ Test 18.00.21

IS-MoCA

Creating new tester hardware



Update Hardware

Host Id: cgsclit43514357

Hardware type: -

Description:

Hardware Id: 006971

Static point of Inspection: -

Module configurations: -

Device state: ACTIVE

Hardware groups: No groups added

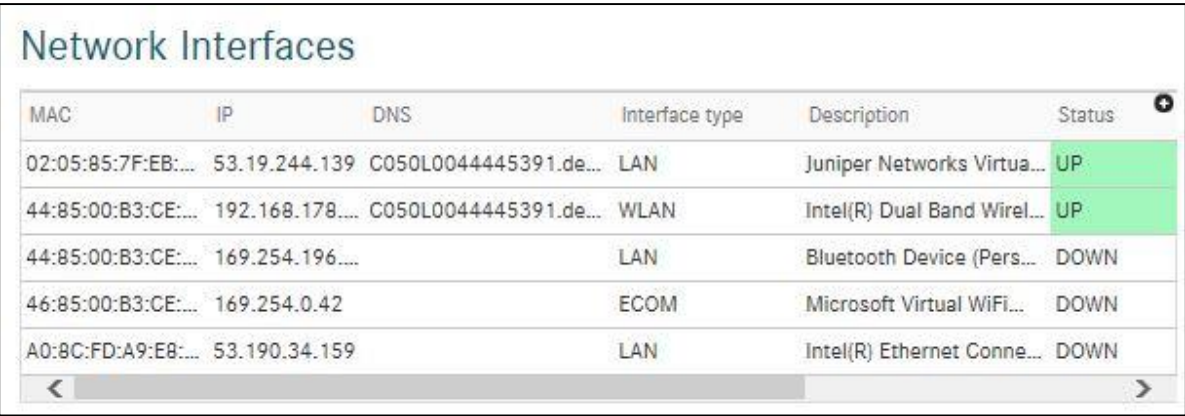
Godfather: ☐

Addressing fixed: ☐

Fixed IP address:

After the configuration is saved, the tester hardware is assigned with a hardware id allocated by the IS-Server+. This ID is unique and cannot be reused for any other device.

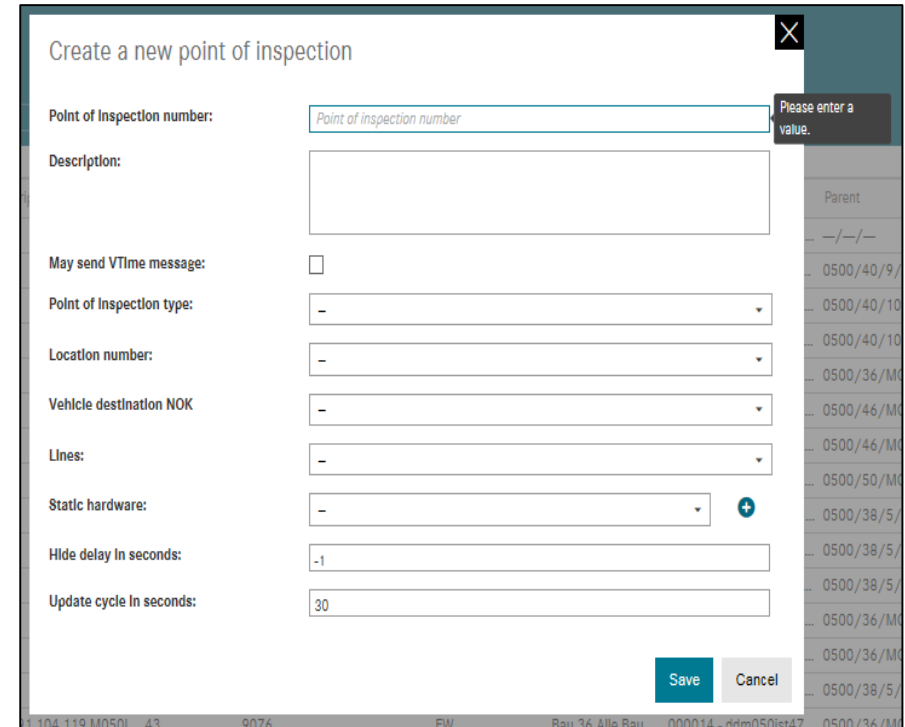
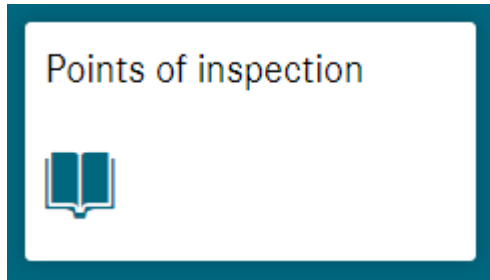
The remaining master data like network interface, IS-Service+ modules and versions are automatically updated after the first start of the IS-Service+.



MAC	IP	DNS	Interface type	Description	Status
02:05:85:7F:EB:...	53.19.244.139	C050L004445391.de...	LAN	Juniper Networks Virtua...	UP
44:85:00:B3:CE:...	192.168.178....	C050L004445391.de...	WLAN	Intel(R) Dual Band Wirel...	UP
44:85:00:B3:CE:...	169.254.196....		LAN	Bluetooth Device (Pers...	DOWN
46:85:00:B3:CE:...	169.254.0.42		ECOM	Microsoft Virtual WIFI...	DOWN
A0:8C:FD:A9:E8:...	53.190.34.159		LAN	Intel(R) Ethernet Conne...	DOWN

IS-MoCA

Creating a Point of Inspection



The dialog box titled 'Create a new point of inspection'. It contains the following fields and controls:

- Point of Inspection number:** A text input field with a placeholder 'Point of inspection number'. A tooltip on the right says 'Please enter a value.'
- Description:** A large text area.
- May send VTime message:** A checkbox.
- Point of Inspection type:** A dropdown menu.
- Location number:** A dropdown menu.
- Vehicle destination NOK:** A dropdown menu.
- Lines:** A dropdown menu.
- Static hardware:** A dropdown menu with a plus icon to its right.
- Hide delay in seconds:** A text input field with the value '-1'.
- Update cycle in seconds:** A text input field with the value '30'.
- Buttons:** 'Save' and 'Cancel' buttons at the bottom right.

On the right side of the dialog, there is a vertical list of items, each with a 'Parent' label and a date/time string (e.g., '0500/40/9/').

IS-MoCA

Creating a Point of Inspection and Tester hardware assignment

Point of inspection: ✕

Point of Inspection number:

Description:

May send VTime message: ☐

Point of Inspection type:

Location number:

Vehicle destination NOK:

Point of Inspection groups: Bau 46 GFP/EAK, Bau 38 EAK, Anlauffabrik BR213, IS-Tester mit IS-Service, Alle, Anlauffabrik BR207, ZZZ_test

Lines:

Static hardware: +

Hide delay in seconds:

Update cycle in seconds:

Update Delete Cancel

After entering the relevant data a tester hardware can be linked to the point of inspection. After it is saved, the Poi and tester hardware are statically linked.

This needs to be synchronized with the IS-Server+. Therefore the button „Synchronize“ has to be clicked.

CSV Synchronize Create

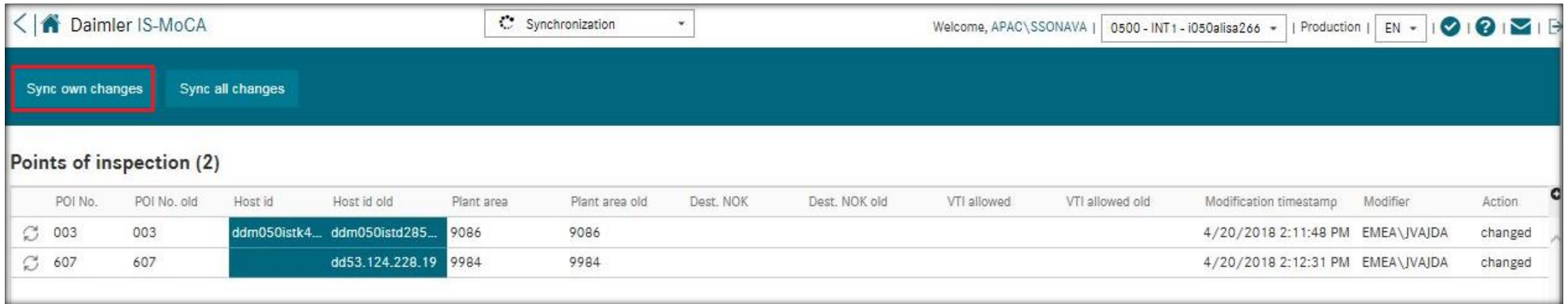
0 0 2 0 749

All

	POI No.	VTI allowed	Description	Line	Loc. No.	Dest. NOK	POI type	Groups	Static hardware	Parent	Hide delay	Update
<input checked="" type="checkbox"/>	000	<input type="checkbox"/>						IS-Tester mit IS...	000000 - ddm050i0036...	—/—/—	-1	
<input checked="" type="checkbox"/>	001	<input type="checkbox"/>		EAK	9086		WSA-NA	Alle,Anlauffabrik...	007048 - ddm050ct7b...	0500/40/9/MO/EAK	-1	
<input checked="" type="checkbox"/>	002	<input type="checkbox"/>		EAK	9086		WSA-NA	Bau 38 EAK,Bau...	000002 - ddm050istd2...	0500/40/10/MO/EAK	-1	
<input checked="" type="checkbox"/>	003	<input type="checkbox"/>		EAK	9086		WSA-NA	Bau 46 GFP/EA...	007244 - ddm050istk4...	0500/40/10/MO/EAK	-1	
<input checked="" type="checkbox"/>	004	<input checked="" type="checkbox"/>		43	9076		FW	Porty_G3,Bau 36...	001140 - ddm050ist47...	0500/36/MO/43	-1	
<input checked="" type="checkbox"/>	005	<input type="checkbox"/>		FT-NA	9339		FT-NA	Alle,Bau 46 Alle...	003740 - ddm050ist37...	0500/46/MO/FT-NA	-1	
<input checked="" type="checkbox"/>	006	<input type="checkbox"/>		FT-NA	9339		FT-NA	Alle Aktion 221...	000006 - ddm050ist35...	0500/46/MO/FT-NA	-1	

IS-MoCA

Synchronize changes to IS-Server+



POI No.	POI No. old	Host id	Host id old	Plant area	Plant area old	Dest. NOK	Dest. NOK old	VTI allowed	VTI allowed old	Modification timestamp	Modifier	Action
003	003	ddm050istk4...	ddm050istd285...	9086	9086					4/20/2018 2:11:48 PM	EMEA\JVAJDA	changed
607	607	dd53.124.228.19		9984	9984					4/20/2018 2:12:31 PM	EMEA\JVAJDA	changed

This dialog provides the possibility to review the changes before synchronizing them.

After this, the changes can be synchronized. Synchronization can be done for all changes or only for specific to the own user.

After synchronization the dialog will be shown again without the synchronized data sets.

IS-MoCA

Exchanging a Tester hardware at a Point Of Inspection

- Select the tester hardware
- Change device state to “defect”, the tester is then removed from the PoI-Monitoring
- Open PoI
- Link the PoI to another tester hardware (change the static Tester connection to another Tester hardware)
- Synchronize changes

IS-MoCA

Exchanging a tester hardware at a Point Of Inspection

Device state:

ACTIVE

Hardware groups:

ACTIVE

Godfather:

INACTIVE

Addressing fixed:

DEFECT

Device state Defect My View

0/953 Search results

<input type="checkbox"/>	Host Id	HW Type	Description	Hardware Id	Static point of in:	Static	Module configuration	Hardware groups	Godfather	Hardware creati
No results found.										

Point of inspection:

Point of Inspection number:

003

Description:

May send VTime message:

☐

Point of Inspection type:

WSA-NA

Location number:

9086

Vehicle destination NOK

-

Point of Inspection groups:

ZZZ_IS-Service+_15.1.24_visu, Bau 46 GFP/EAK, ZZZ_IS-Service+_15.1.23, Bau 38 EAK, IS-Tester mit IS-Service, Alle

Lines:

0500/40/10/MO/EAK

Static hardware:

007244 - ddm050istk4952186

Hide delay in seconds:

-1

Update cycle in seconds:

60

Update

Delete

Cancel



Points of inspection (2)

POI No.	POI No. old	Host id	Host id old	Plant area	Plant area old	Dest. NOK	Dest. NOK old	VTI allowed	VTI allowed old	Modification timestamp	Modifier	Action
003	003	ddm050istk4...	ddm050istd285...	9086	9086					4/20/2018 2:11:48 PM	EMEA\JVAJDA	changed
607	607	dd53.124.228.19		9984	9984					4/20/2018 2:12:31 PM	EMEA\JVAJDA	changed

IS-MoCA

Administration of Pol Groups



CSV Create

All

162 / 162 Search results

	Name	Description	Points of inspection	Location numbers	Modifier	Modification timestamp
<input checked="" type="checkbox"/>	Aktion 221 Germ		005, 006, 011, 012, 028, 222, 230, 262, 264, 26...		EMEA\CARSKEL	11/7/2016 5:25:15 PM
<input checked="" type="checkbox"/>	Aktion 222		068, 203, 217, 303, 330, 344, 368, 389, 392, 39...		EMEA\CARSKEL	9/20/2017 1:52:50 PM
<input checked="" type="checkbox"/>	Aktion Zelt BR213		222, 303, 445, 454, 476, 477, 480, 481, 964		EMEA\JAEGMIC	6/1/2016 4:20:04 PM
<input checked="" type="checkbox"/>	Alle		000, 001, 002, 003, 004, 005, 006, 007, 008, 00...		EMEA\JVAJDA	4/8/2018 6:10:35 PM
<input checked="" type="checkbox"/>	Anlauffabrik BR207		001, 606, 607, 608, 614, 615			
<input checked="" type="checkbox"/>	Anlauffabrik BR213	nmbnbn	001, 342, 348, 609, 612, 621, 639, 641, 654, 69...		EMEA\CEBERHA	3/22/2018 9:01:34 PM
<input checked="" type="checkbox"/>	Anlauffabrik BR222		081, 091, 291, 379, 645, 646, 663		EMEA\CARSKEL	11/25/2016 3:50:46 PM

Update point of inspection group

Update Delete Cancel

Name:
Aktion Zelt BR213

Description:

Points of Inspection
222, 303, 445, 454, 476, 477, 480, 481, 964
Show Point(s) Of Inspection details

Location number	Point(s) of inspection
No results found.	

Hint: Underlined point of inspection numbers are allocated to the group both directly and indirectly.

< | Daimler IS-MoCA

Points of inspection

Welcome, APAC\SSONAVA | 0500 - INT1 - i050allisa266 | Production | EN | ? | ? | ? | ?

CSV Synchronize Add to Group Remove from Group Create from template Edit Delete Create

0 0 2 0 749

Groups *Aktion Zelt BR213

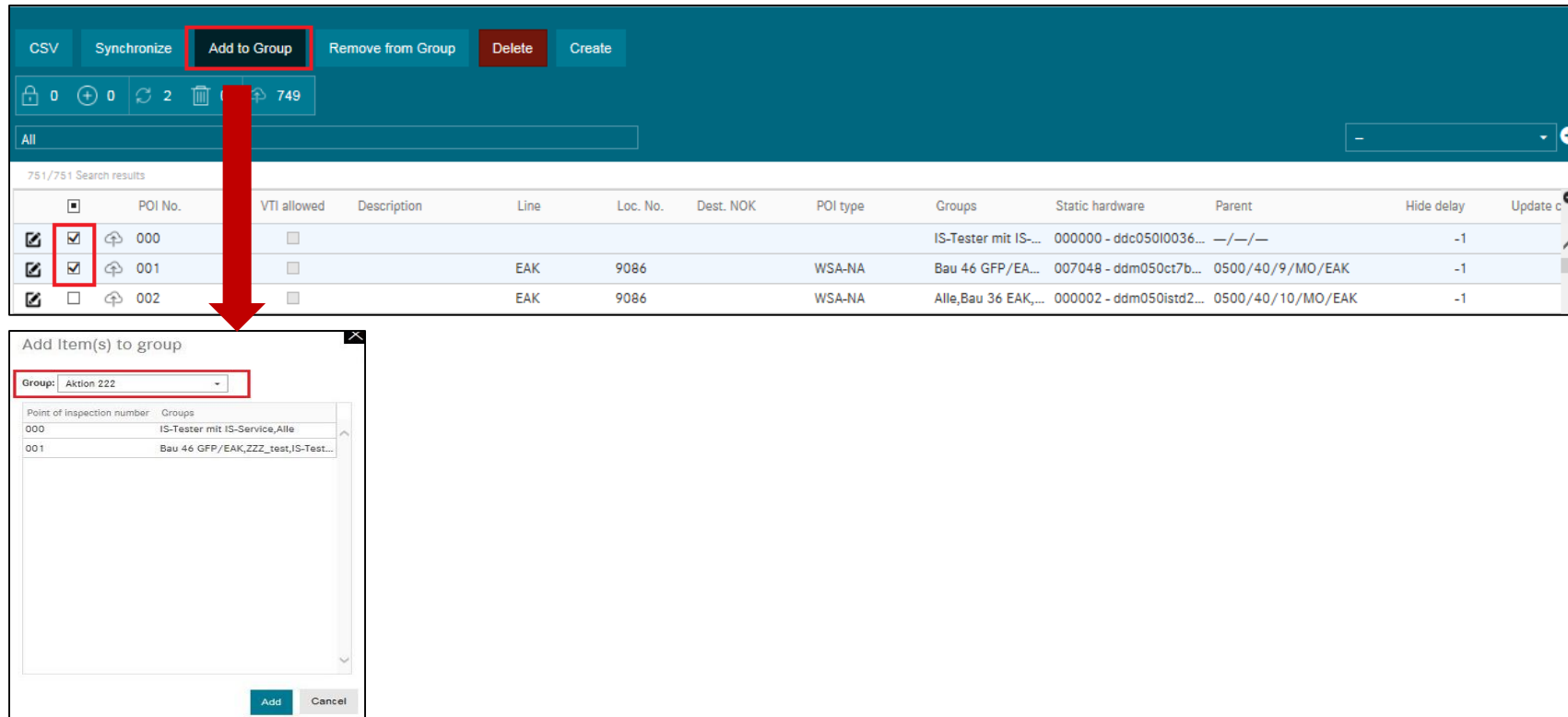
751/751 Search results

	POI No.	VTI allowed	Description	Line	Loc. No.	Dest. NOK	POI type	Groups	Static hardware	Parent
<input checked="" type="checkbox"/>	<input type="checkbox"/> 000	<input type="checkbox"/>						Alle,IS-Tester mit IS-Service	000000 - ddc050i0036...	—/—/—
<input checked="" type="checkbox"/>	<input type="checkbox"/> 001	<input type="checkbox"/>		EAK	9086		WSA-NA	IS-Tester mit IS-Service,Anlauffabrik B...	007048 - ddm050ct7b...	0500/40/9/MO/EAK
<input checked="" type="checkbox"/>	<input type="checkbox"/> 002	<input type="checkbox"/>		EAK	9086		WSA-NA	Alle,Bau 46 GFP/EAK,Bau 38 EAK,Bau...	000002 - ddm050istd2...	0500/40/10/MO/EAK
<input checked="" type="checkbox"/>	<input type="checkbox"/> 003	<input type="checkbox"/>		EAK	9086		WSA-NA	ZZZ_IS-Service+_15.1.24_visu,IS-Test...	007244 - ddm050istk4...	0500/40/10/MO/EAK
<input checked="" type="checkbox"/>	<input type="checkbox"/> 004	<input checked="" type="checkbox"/>			43	9076	FW	Bau 36 FW G3S,Bau 36 FW 43,Alle,Po...	001140 - ddm050ist47...	0500/36/MO/43
<input checked="" type="checkbox"/>	<input type="checkbox"/> 005	<input type="checkbox"/>		FT-NA	9339		FT-NA	Alle,Bau 46 ZNA,Aktion 221 Germ,Ba...	003740 - ddm050ist37...	0500/46/MO/FT-NA
<input checked="" type="checkbox"/>	<input type="checkbox"/> 006	<input type="checkbox"/>		FT-NA	9339		FT-NA	Alle,Bau 46 ZNA,Aktion 221 Germ,Ba...	000006 - ddm050ist35...	0500/46/MO/FT-NA
<input checked="" type="checkbox"/>	<input type="checkbox"/> 007	<input type="checkbox"/>		Nullserie	9984		Universal	Alle,Anlauffabrik BR223	002800 - ddm050ist48...	0500/50/MO/Nullserie

IS-MoCA

Administration of Pol Groups

- Point of Inspection groups can be managed by selecting the tile „Point of Inspection groups“
- The assignment of Pols or location numbers to a Pol group is not done in the Pol group dialog, but in the Pol and plant area dialogs respectively.



The screenshot displays the IS-MoCA interface for managing Point of Inspection (POI) groups. At the top, a toolbar contains buttons for 'CSV', 'Synchronize', 'Add to Group' (highlighted with a red box), 'Remove from Group', 'Delete', and 'Create'. Below the toolbar, a table lists POI entries. A red arrow points from the 'Add to Group' button to a dialog box titled 'Add Item(s) to group'. The dialog box shows a dropdown menu for 'Group' set to 'Aktion 222'. Below this, a list of POI numbers and their corresponding groups is visible. The 'Add' button is at the bottom right of the dialog.

POI No.	VTI allowed	Description	Line	Loc. No.	Dest. NOK	POI type	Groups	Static hardware	Parent	Hide delay	Update c
000	<input type="checkbox"/>						IS-Tester mit IS-...	000000 - ddc050i0036...	—/—/—	-1	
001	<input checked="" type="checkbox"/>		EAK	9086		WSA-NA	Bau 46 GFP/EA...	007048 - ddm050ct7b...	0500/40/9/MO/EAK	-1	
002	<input type="checkbox"/>		EAK	9086		WSA-NA	Alle,Bau 36 EAK,...	000002 - ddm050istd2...	0500/40/10/MO/EAK	-1	

Add Item(s) to group

Group: Aktion 222

Point of inspection number	Groups
000	IS-Tester mit IS-Service,Alle
001	Bau 46 GFP/EAk_ZZZ_test,IS-Test...

Add Cancel

IS-MoCA

Administration of Pol Groups

- Pols can be assigned directly or indirectly by using the location number
- Therefore it is possible that a Pol is assigned twice
- Duplicate assignments are underlined for information purposes.

Update point of inspection group

UpdateDeleteCancel

Name:

Aktion 221 Germ

Description:

Points of Inspection

005, 006, 011, 012, 028, 222, 230, 262, 264, 265, 306, 337, 349, 453, 514, 535, 541, 544, 550, 554, 556, 563, 565, 654

Show Point(s) Of Inspection details

Location number	Point(s) of inspection
No results found.	

Hint: Underlined point of inspection numbers are allocated to the group both directly and indirectly.

IS-MoCA

Administration of MOE Release Rules

- Each Pol used for a circulating tester must have a default release
- Poles without default release are marked in orange
- It is possible to filter these Poles using the filter “Without Release Rule”

The screenshot shows the IS-MoCA administration interface. At the top, there are buttons for 'CSV', 'Synchronize', and 'Create'. Below these, there are tabs for 'Default (743)', 'Hardware (1)', 'Godfather (0)', 'Vehicle (1)', and 'Without Release Rule (8)'. The 'Without Release Rule (8)' tab is selected and highlighted with a red box. Below the tabs, there is a search bar with 'All' selected. Below the search bar, there are dropdown menus for 'Point of inspection group' and 'Release', followed by a '+ -' icon and an 'Apply to all' button. Below the filters, it says '8/753 Search results'. The main table has columns: 'Point of inspection', 'Release', 'Type', 'Interval', 'Quantity', 'Group', 'Modifier', and 'Modification timestamp'. The table contains 8 rows, all of which are highlighted in orange, indicating they are poles without a default release rule. Each row has a checkbox in the first column, which is checked for all rows.

	Point of inspection	Release	Type	Interval	Quantity	Group	Modifier	Modification timestamp
<input checked="" type="checkbox"/>	<input type="checkbox"/> 080							
<input checked="" type="checkbox"/>	<input type="checkbox"/> 137							
<input checked="" type="checkbox"/>	<input type="checkbox"/> 207							
<input checked="" type="checkbox"/>	<input type="checkbox"/> 251							
<input checked="" type="checkbox"/>	<input type="checkbox"/> 319							
<input checked="" type="checkbox"/>	<input type="checkbox"/> 385							
<input checked="" type="checkbox"/>	<input type="checkbox"/> 506							
<input checked="" type="checkbox"/>	<input type="checkbox"/> 633							

IS-MoCA




Administration of MOE Release Rules

- The assignment of a rules can be done individually or as batch operation
- Individually it is done by clicking on the Pol in the table or by pressing the “Create” button
- To assign a default releases to several Pols, a Pol group and a release must selected. After that press the “Apply to all” button

The screenshot displays the 'Create' button in the top navigation bar. Below it, a horizontal bar contains five tabs: 'Default (743)', 'Hardware (1)', 'Godfather (0)', 'Vehicle (1)', and 'Without Release Rule (8)'. A dropdown menu is open below these tabs, showing 'All'. At the bottom, there are two red-bordered input fields: 'Point of inspection group:' with the value 'Aktion 221 Germ' and 'Release:' with the value '0500181210NV'. To the right of these fields are a plus icon, a trash icon, and an 'Apply to all' button.

IS-MoCA

Administration of MOE Release Rules

- Releases must be created explicitly before they can be assigned to a Pol
- This can be done by pressing the  button besides the dropdown control
- The deletion of release is possible by pressing the  button
- The name of a release can be copied to the clipboard with the  button



IS-MoCA

Administration of MOE Release Rules

- The release to use is determined by production number, hardware id and Pol.
- There exist rules with type vehicle group, hardware group, godfather or default.
- At each Pol there can be at most one rule of each type.
- There must exist a default rule when creating a rule of the other types.
- Rules are evaluated in the following order:
 - 1) Vehicle group rule
 - 2) Hardware group rule
 - 3) Godfather rule
 - 4) Default rule

IS-MoCA

Administration of MOE Release Rules

1) Vehicle group rule

If there exists a vehicle group rule for the PoI, the rule is evaluated by comparing the production ids contained in the vehicle group with the production id the enquiring tester sends. If the production id matches, the belonging release id is transmitted to the tester. The remaining rules are not evaluated.

Edit Release rule

Point of Inspection:

602

Release:

0500180903X1

Type:

Vehicle

Interval:

Quantity:

Hardware group:

-

Vehicle group:

VEHICLE_GROUP_1

Update

Delete

Cancel

Name:

VEHICLE_GROUP_1

CSV

Add

Remove

☐ Production number

☐ 98765431

☐ 95487419

☐ 32548794

IS-MoCA

Administration of MOE Release Rules

2) Hardware group rule

If there exists a hardware group rule for the Pol, the rule is evaluated by comparing the hardware ids contained in the hardware group with the hardware id the enquiring tester has. If the hardware id matches, the belonging release id is transmitted to the tester. The remaining rules are not evaluated.

Edit Release rule

Point of Inspection:

602

Release:

0500180902JV

Type:

Hardware

Interval:

Quantity:

Hardware group:

HARDWARE_GROUP_1

Vehicle group:

-

Update

Delete

Cancel

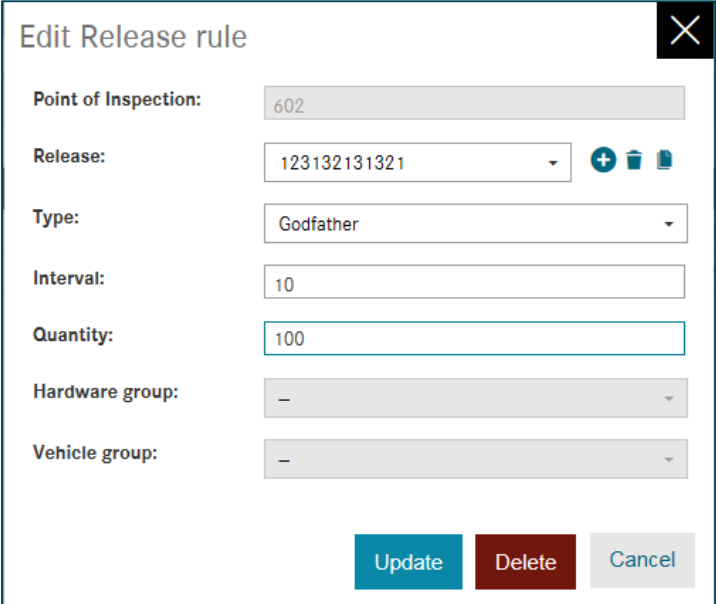
Host Id	Hardware groups
m050lst50018258	HARDWARE_GROUP_1
m050lsta0001958	HARDWARE_GROUP_1
m050lsta0001967	HARDWARE_GROUP_1
m050lstct033197	HARDWARE_GROUP_1

IS-MoCA

Administration of MOE Release Rules

3) Godfather rule

The godfather rule defines a release id for a subset of tester at a Pol. The subset is defined by quantity and interval. The quantity determines the maximum number of usages. If the maximum number is reached, the godfather rules release id is no longer used. If for this Pol no vehicle or hardware group rule matches, the default rule is used. A quantity of -1 means endless. The interval defines the step size of usages. To use the rule everytime it is evaluated, as long as the quantity is not reached, the interval must be set to 1. The usage of the vehicle or hardware group rule does not affect the interval. Editing the godfather rule will reset the values for quantity and interval. The godfather release is used, whenever the interval is reached and the quantity is not reached.



Edit Release rule

Point of Inspection: 602

Release: 123132131321

Type: Godfather

Interval: 10

Quantity: 100

Hardware group: -

Vehicle group: -

Update Delete Cancel

IS-MoCA

Administration of MOE Release Rules

- MOE Release Rules must be synchronized, else they are not recognized by the IS-SERVER
- Therefore a notification can be found on the start page



- In addition, there is also a notification on the MOE Release Rule page

