

PMS.Cliptest - Manual - Leoni - LEPS 3

Version 25.3.2.2



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Document version management

Version	Date	Status	Range of Validity	Creator	Document
1.0.0.0	28.03.2023	Release	MAR / Global	Schuster	Publishing of Document V1.0.0.0
24.4.1.0	08.11.2024	Release	MAR / Global	Seidel	Updated to latest software version
24.4.2.0	06.12.2024	Release	MAR / Global	Seidel	Updated to latest software version
24.4.2.1	11.12.2024	Release	MAR / Global	Seidel	New option "Enforce Unique Clip Addresses" in File Backend, Fixed obfuscation issue
25.1.1.0	08.02.2025	Release	MAR / Global	Schuster / Seidel	Optimized performance of the service and clip receivment
25.1.1.1	22.02.2025	Release	MAR / Global	Schuster / Seidel	Fixed clip-exchange PinStatus.csv file modification to check on led additional to boardname and address
25.1.1.2	08.03.2025	Release	MAR / Global	Schuster / Seidel	Customer specific small changes

25.2.1.0	23.04.2025	Release	MAR / Global	Schuster / Seidel	Tests can be started without board scan if there is only one board in masterdata, Eventing improvements
25.2.2.0	08.05.2025	Release	MAR / Global	Schuster / Seidel	Added new option "Allow anybody to login by scan" to allow login by scan without the operator being configured in the system
25.3.1.0	02.07.2025	Release	MAR / Global	Schuster / Seidel	Fixed Web-Login with empty password, several fixes and improvements
25.3.1.1	25.07.2025	Release	MAR / Global	Schuster / Seidel	Customer specific changes
25.3.2.0	19.08.2025	Release	MAR / Global	Schuster / Seidel	Improved Board-Teaching UI and added clip validation, Statistic data fixed
25.3.2.1	06.09.2025	Release	MAR / Global	Schuster / Seidel	Fixed empty Test-Mode in ViewClient after reconnect
25.3.2.2	05.10.2025	Release	MAR / Global	Schuster / Seidel	Printing bugfix in case of option Combined Test Result

Referenced Documents

ID	Document
1	PMS.Cliptest.Documentation.v25.3.2.2.pdf

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1 General Information

PMS.Cliptest uses SQL tables to communicate with the LEPS 3 system. There is no permanent connection to LEPS, instead the connection is established and closed on each request.

2 Workflow

The communication is in most case initiated by LEPS (other client applications). PMS.Cliptest polls the database table [COM_OGC].[Head] to get start requests for a test. This requests will be created by LEPS procedures, which will be triggered by other client application in LEPS3 (e.g. PMS.PICPlace). The information about the clips to test are stored in other tables in the schema COM_OGC.

3 Configuration

3.1 Database configuration

Leps Database Connection

Servername

server\instance

Database

database

☐ Use Integrated Security

Username

user

Password

.....

Test Connection

Setting	Description
Servername	Name or IP of the Server where the LEPS3 Database is running (if required include the instance name)
Database	Name of the LEPS3 Database
Use Integrated security	Check this option to use the credentials of the user which runs the PMS.Cliptest.Service. Attention: in the default installation the user of the PMS.Cliptest.Service is different from the user which configure the option / runs the PMS.Cliptest.ServiceConfigurator
Username	The username which have access to the COM_OGC schema
Password	The password of the user

Finally, use the "Test" button to verify that the configuration is correct and the connection to the LEPS3 database can be established.

3.2 Quality Confirmation Text File Configuration

Quality Confirmation Text File Configuration

☐ Create Quality Confirmation Text File

Max Files5000

File PathC:\Temp
 >>
 File Name[Order][Board][CtYear][CtMonth][CtDay][CtHour][CtMinute][CtSecond].csv

Line Pattern[Order][CriticalEventClipLED][CriticalEventClipX][CriticalEventClipY][CriticalEventComment][CriticalEventTimestamp][CriticalEventsAcknowledged][CriticalEventAckTimestamp][CriticalEventOperator]

Important: To use this option it is required that the option "Enable Quality Confirmation" in PMS.ClipTest.ViewClient is enabled

This section allows the configuration for the creation of text files related to the occurrence of quality issues during tests. A quality issue is considered as a clip change from state NeedlessPressed to NeedlessNotPressed. That means a clip was pressed and released although it was not part of the test list.

Setting	Description
Create Quality Confirmation Text File	Enable the creation of text files
File Path	The path in that the text files will be created
File Name	The pattern of the resulting file name. Use bookmarks to create files with a unique file name. Refer to the general PMS.ClipTest documentation to get detailed information about the meaning and usage of bookmarks. Select available bookmarks using the down arrow button to the right.
Line Pattern	Defines the content of each line in the text file. Combine static text alongside with bookmarks. Select available bookmarks using the down arrow button to the right. For each quality issue which happened a new line will be added to the text file.
Max Files	The maximum number of text files in the configured "File Path". If limit is reached the oldest file will be deleted. Set to 0 to never delete any files.

3.3 Unconfigured Clips Detection

Unconfigured Clips Detection

☒ Enable Detection of Unconfigured Clips

Max Files5000

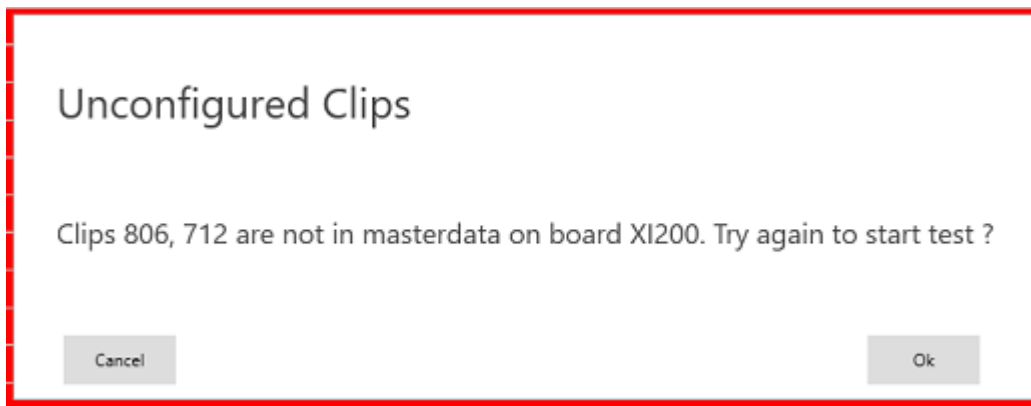
☒ Create Unconfigured Clips File

Max Files5000

File PathC:\Temp
 >>
 File Name[Order][Board][Canceled][CtYear][CtMonth][CtDay][CtHour][CtMinute][CtSecond].csv

Line Pattern[Order][Board][ClipLed][Operator].[NOW_]

The detection of Unconfigured Clips can be activated on demand. If this option is enabled PMS.ClipTest opens a popup dialog which shows the list of unconfigured clips before a test starts. A clip is unconfigured if it is requested to be tested but not defined on the board in masterdata. After the dialog opened the operator can decide to retry to start the test or to cancel the test-start request and no test will be started. The time while the dialog is open operators can use the chance to fix the unconfigured clips in PMS.ClipTest Masterdata and try again to start the test.



3.3.1 Workflow

After a test was requested by LEPS (20) PMS.Cliptest reads the test-list from LEPS and compares the list to the clips from cliptest masterdata. If unconfigured clips are present a dialog will be opened without starting a test. The request remains in LEPS until masterdata is fixed and a test could be started or if the dialog is canceled. The cancellation leads to NIO test result in LEPS (24 with result 0).

Setting	Description
Enable Detection of Unconfigured Clips	Enables the check for unconfigured clips
Create Unconfigured Clips File	If Unconfigured Clips were detected a text file can be created optionally
File Path	The path in that the text files will be created
File Name	The pattern of the resulting file name. Use bookmarks to create files with a unique file name. Refer to the general PMS.Cliptest documentation to get detailed information about the meaning and usage of bookmarks. Available Bookmarks are listed below.
Line Pattern	Defines the content of each line in the text file. Available Bookmarks are listed below.
Max Files	The maximum number of text files in the configured "File Path". If limit is reached the oldest file will be deleted. Set to 0 to never delete any files.

3.3.2 Available Bookmarks

All Bookmarks related to Scans and Timestamps ([CtYear], [CtMinute]...) can be used for the filename alongside with others listed below.

Bookmark	Description
[Order]	Scanned Order Number
[Board]	Scanned Board
[Canceled]	"Canceled", if operator closed dialog with Cancel button, otherwise "Retry" in case of Retry button
[Operator]	The name of the operator who closed the dialog

[ClipLed]	Can be used for the line pattern only, contains the led number of each unconfigured led
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