

PMS.Cliptest - Manual - Leoni - LEPS 4

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MAR Rostock GmbH - 05.07.2022

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Document version management

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Referenced Documents

ID	Document
1	Documentation.pdf

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1 General Information

PMS.Cliptest uses OPC UA technology to communicate to the LEPS 4 facility service. The facility service is a windows service which hosts an OPC UA Server to which PMS.Cliptest connects as an OPC UA Client. There is no permanent connection to LEPS, instead the connection is established and closed on each request.

2 Workflow

The communication is in any case initiated by PMS.Cliptest and all communication is done by simple requests from PMS.Cliptest and (immediate, synchron) responses by LEPS. Usually the operators perform a number of scans in PMS.Cliptest. After all required scans are done, PMS.Cliptest sends a request to LEPS 4 to retrieve the test information. The received test information contains at least the cliplist, the ordernumber, the board and the test type (Cliptest or Emptytest) for the corresponding workplace.

3 Configuration

3.1 OPC UA Connection

OPC UA CONNECTION

Host

FacilityService

Port

50101

Username

ogc

Password

.....

Test

Setting	Description
Host	Name or IP of the Server where the LEPS4 Facility Service is running
Port	The configured Port of the LEPS4 Facility Service
Username	The optional username which is configured in LEPS4 Facility Service
Password	The password of the user

Finally, use the "Test" button to verify that the configuration is correct and the connection to the LEPS4 Facility Service can be established.

3.2 Quality Confirmation Text File Configuration

QUALITY CONFIRMATION TEXT FILE CONFIGURATION

☐ Create Quality Confirmation Text File

Max Files5000

File Path

C:\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.