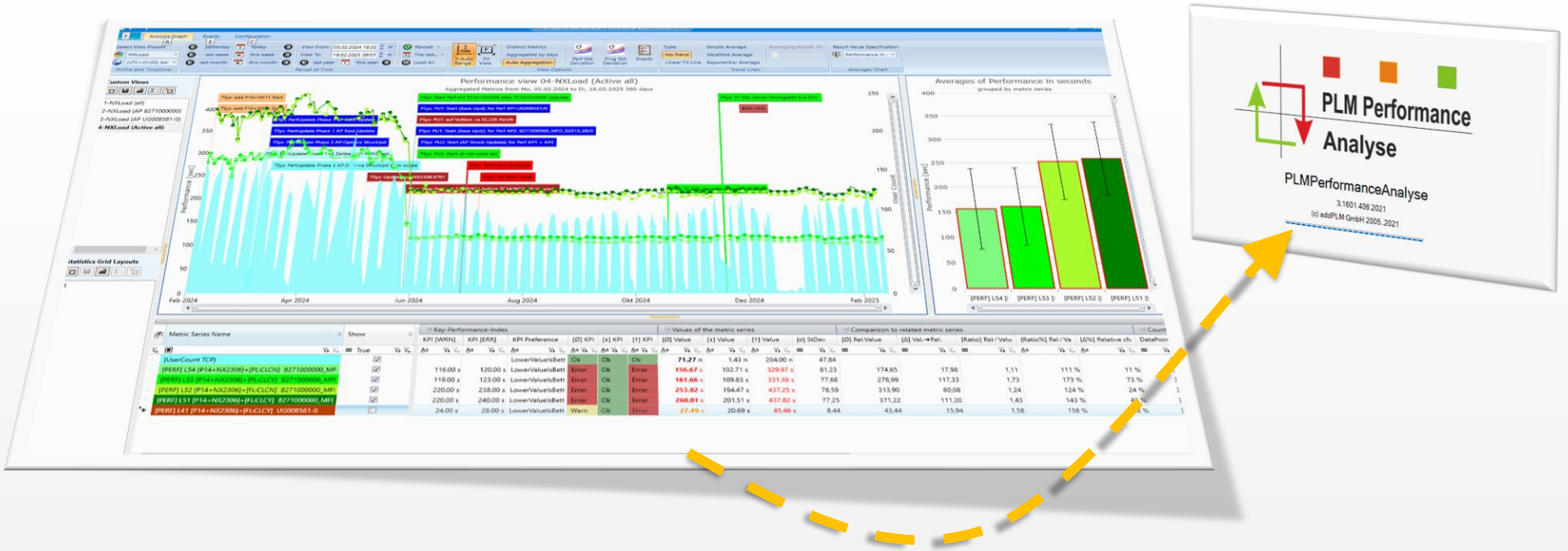


PLMPerformanceAnalyse V4

the solution for automated and permanent
PLM-System performance monitoring

Short - Presentation

Created by : Josef Feuerstein

Introduce PLMPerformance Analyse

PLM – Performance Analyse

The PLMPerformance Analyse software is a solution for automated and permanent performance measurements for NX in the TC Environment

Description:

All complex software solutions are evaluated in addition to the software quality, especially on performance behavior. The software performance is perceived as a “felt speed” by almost all users. Experience has shown that the performance decreases permanently and that this is perceived, discussed and criticized only after a reduction of 30% -40%. This often leads to unusable statements that make it difficult to improve the performance of the system.
A particularly problem is to evaluate the impact of individual measures in time relation, if no continuous measurements are available.

To improve this situation, we developed the **P**LM**P**erformance**A**nalyse **(PPA)**

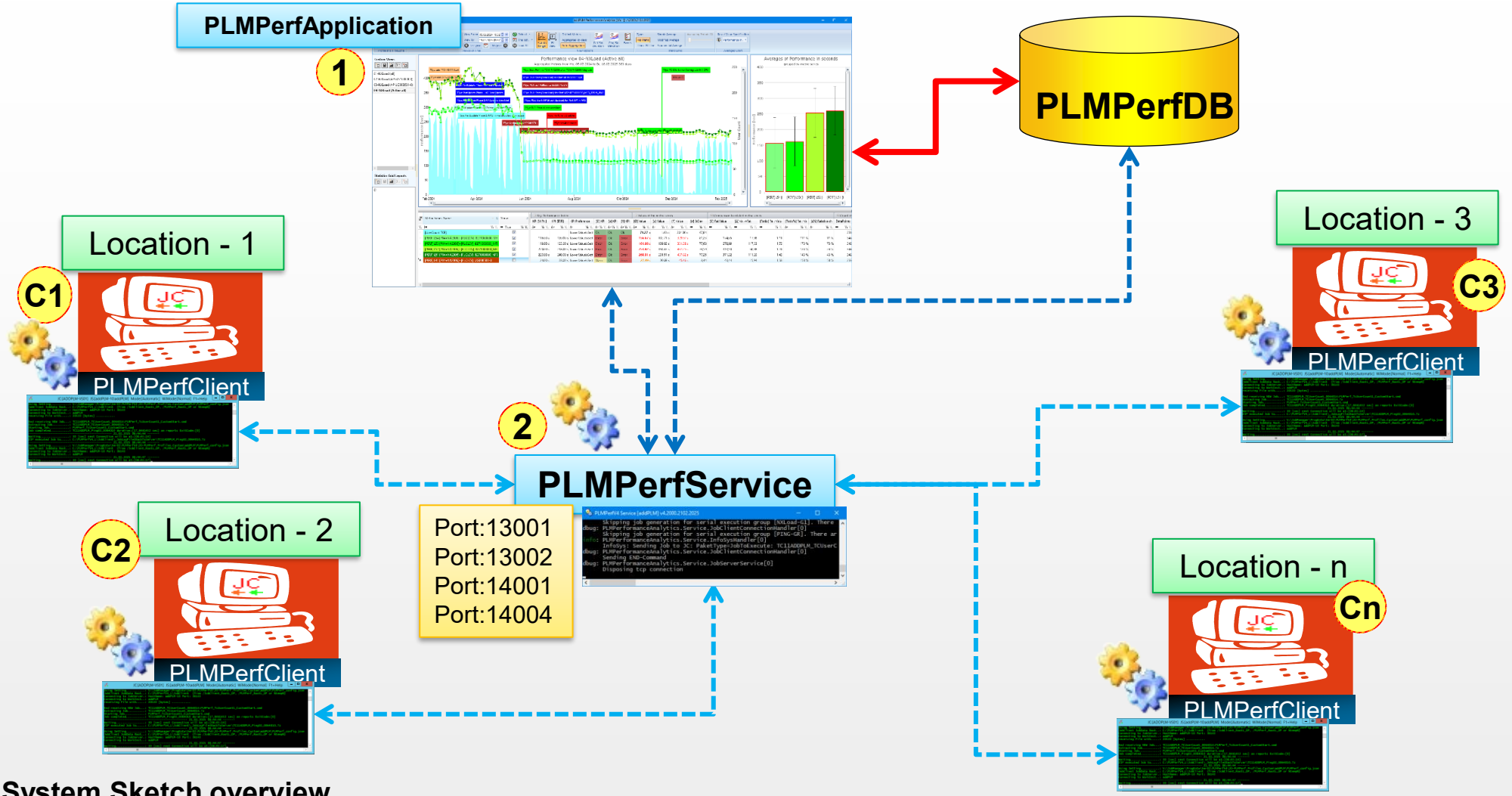
The software supplies:

- ✓ Performance data on **loading assemblies**
- ✓ Performance data on **starting TeamCenter and NX** for each workstation
- ✓ the **user count of logged in users in TC**
- ✓ location-based ping times
- ✓ an interactive user interface that displays the data graphically and time-based

With this solution you achieve:

- ✓ objective evaluation of the system performance
- ✓ it helps to identify all kinds of performance degradation
- ✓ it delivers important data to detect time-based performance problem

Acquire of measurement data: System sketch

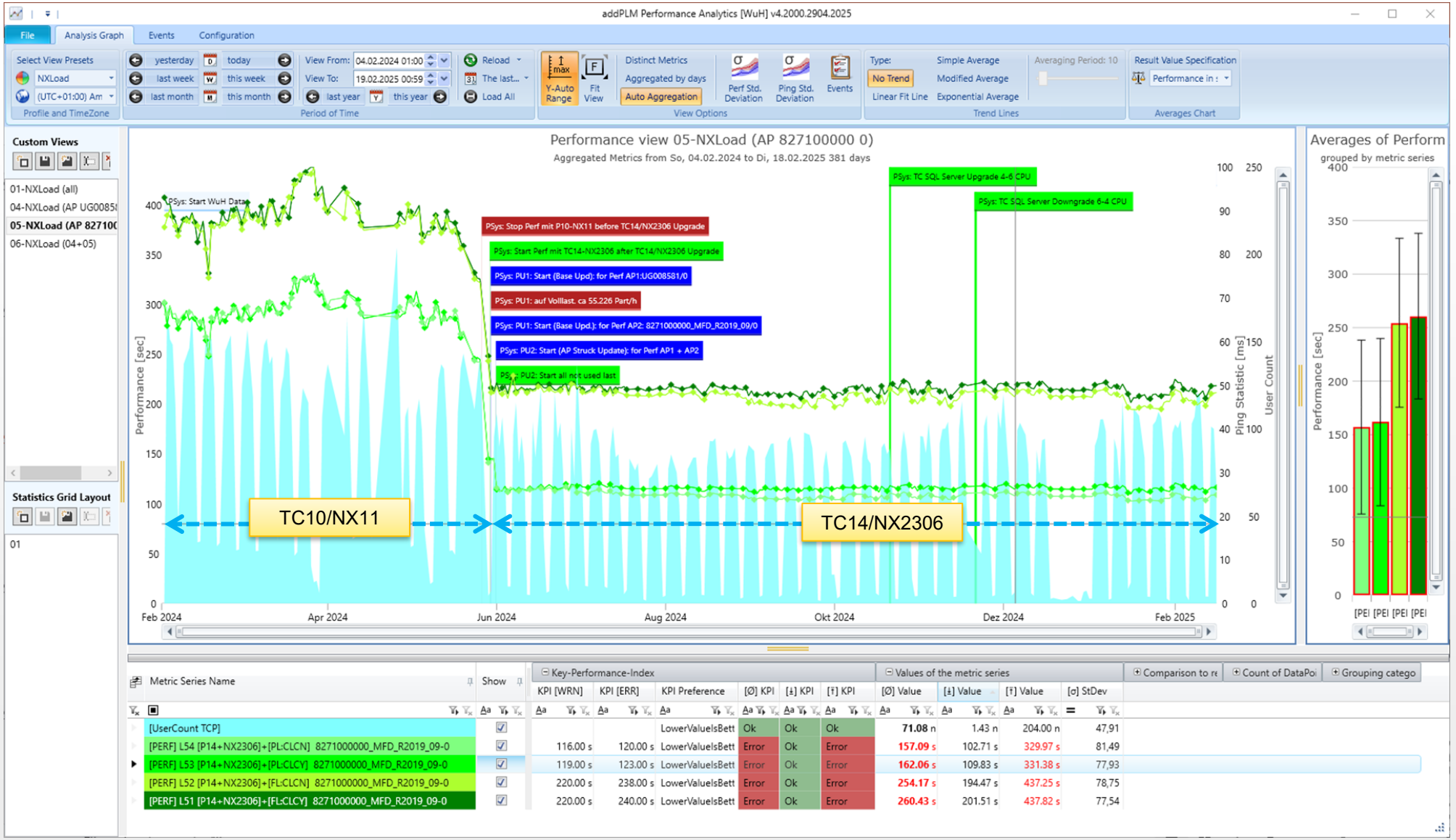


System Sketch overview

PLMPerfApplicaton	**(1)**	Defines + Config Measurements Jobs + Graphs // View + Analyses Measurement Data
PLMPerfService	**(2)**	Sending Jobs to PLMPerfClients and Receives Results stores data into PLMPerfDB
PLMPerfClient	**(C1..Cn)**	executes the PLMPerfJob (NXJournal) and send PerfData to PLMPerfServices

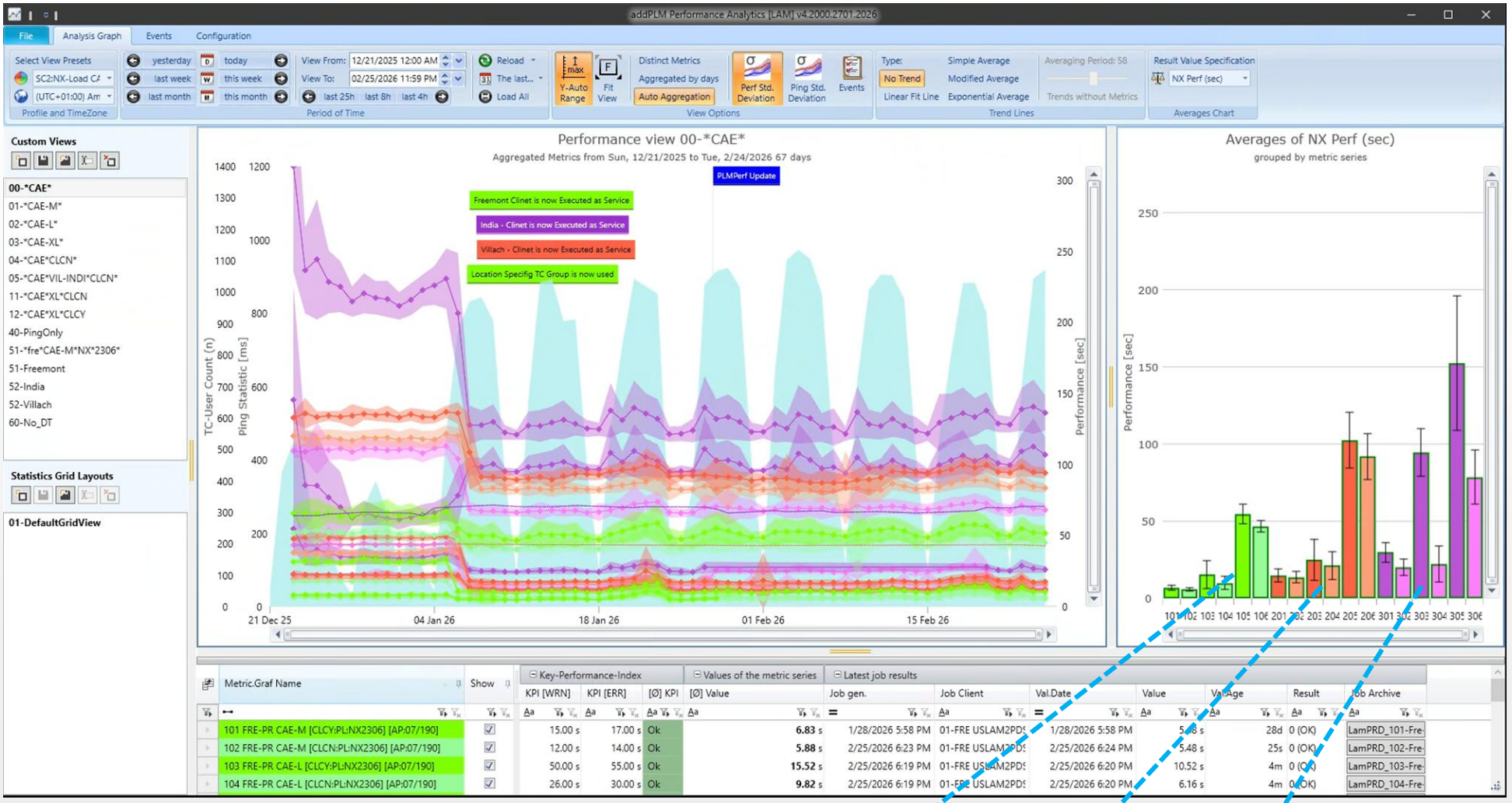
Example: Long-term Measurements TC10/NX11 – TC14/NX2306

addPLM GmbH
PLM Performance Analyse
Web: www.addPLM.com



Example: Long-term Measurements Multi - Locations

addPLM GmbH
Web: www.addPLM.com



Clear cache: YES/NO

US/NX

Austria

India

Siemens Standard Performance Assemblies

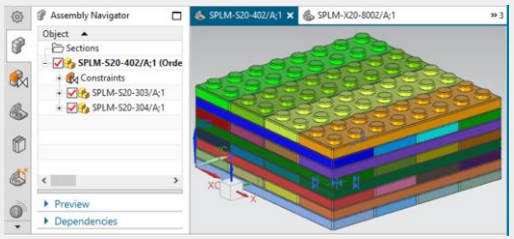
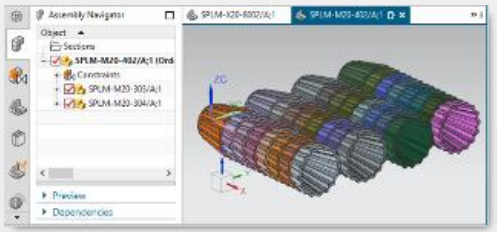
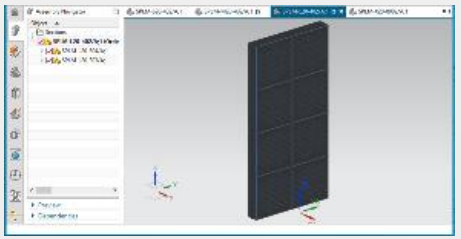
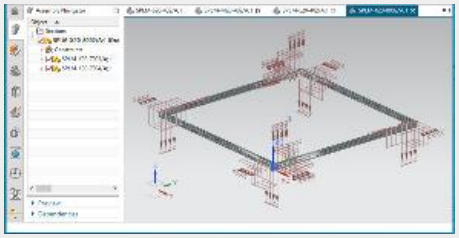
PLM – Performance Analyse

We recommend to use Siemens Standard Performance Assemblies for collecting Performance Data.

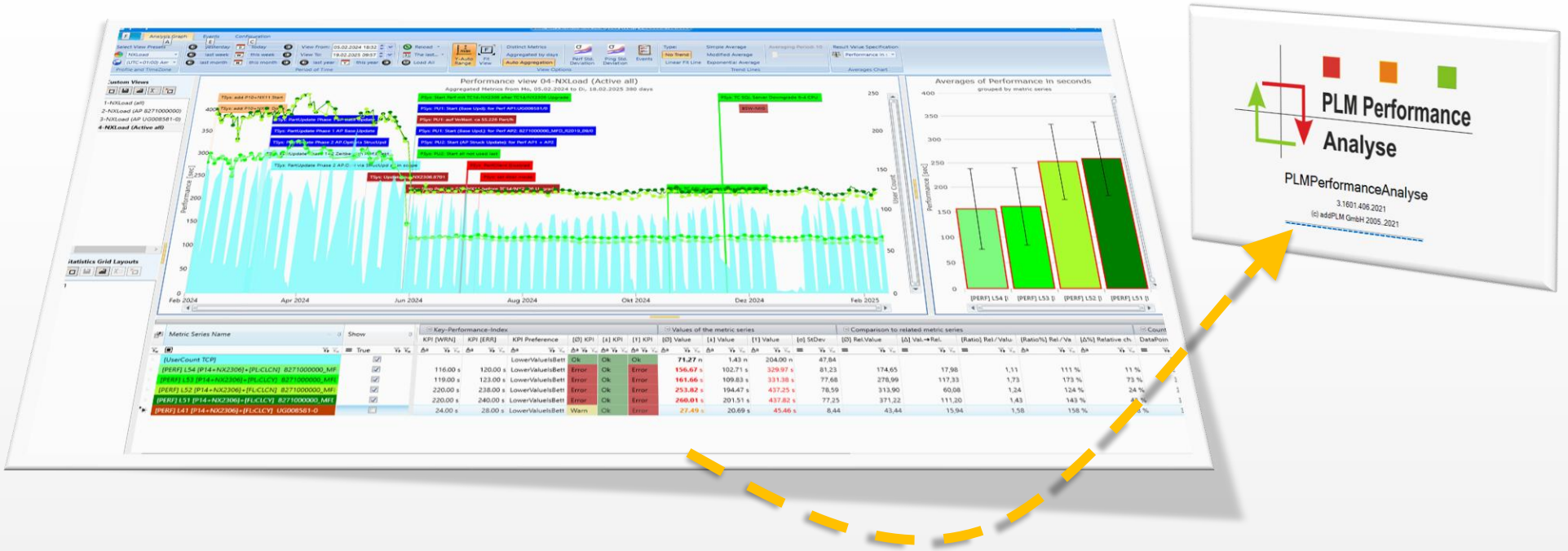
The reason for this is that baseline performance values are available for the NX data listed below.
These help you compare your own performance results with standard performance results.

Assembly Data by Assembly size and Structure

No	Assembly Type	Source Dir	Top AP	AP Levels/CompAll/UnicComp (n)
01	smal	..\nx-7.5.3.3_performance_data_package_v3.7\smal	SPLM-S20-402_A.prt	SPLM-S20-402/A 6/94/94
02	medium	..\nx-7.5.3.3_performance_data_package_v3.7\medium	SPLM-M20-402_A.prt	SPLM-M20-402/A 6/94/94 SPLM-M20-303/A 5/46/46 SPLM-M20-304/A 5/46/46
03	large	..\nx-7.5.3.3_performance_data_package_v3.7\large Geometric Complexety is hig	SPLM-L20-402_A.prt	SPLM-L20-402/A 6/94/94 SPLM-L20-303/A 5/46/46 SPLM-L20-304/A 5/46/46
04	xlarge	..\nx-7.5.3.3_performance_data_package_v3.7\xlarge	SPLM-X00-0003_A.prt	SPLM-X00-0003/A 11/3070/3070 SPLM-X20-8001/A 10/1534/1534 SPLM-X20-8002/A 10/1534/1534

Thank you for interest



For more Details please contact:

addPLM - GmbH

Mr. Josef Feuerstein
Josef.Feuerstein@addPLM.com
www.addPLM.com