WEBPAL PRODUCTION STATISTICS



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How to get an overview of your current production, NOK rate and defects

Discom Result Database

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Each test run generates a result file, called Measurement Archive (file extension .rdt). The Collector Service imports these files into the result database, which forms the base for the WebPal production statistics.



Test Step (= "Mode", e.g. 3-rD, Stdy, …)

application, the parametrization, and in all evaluation tools.

Addressing Any Value: Clavis

Instrument (e.g. order spectrum, RMS, spectral value)

Object/Location (e.g. input shaft, pinion gear, oil pump)

Processing Channel (Synchronous, Mix, Fixed frequency)

Instrument Measurement Parameter (e.g. H1, Main Order Band)

Sensor (e.g. vibration sensor VS-1, Microphone Mic)

Because limits are distinct for types and test stands, the unique identification for a limit value has 8 elements:

The **Clavis** is the unique identification of a measurement value in the measurement

Clavis + type + test bench.

It consists of 6 elements:





Production Analysis: WebPal

WebPal is a server-based service. Using the **WebPalViewer** app, you can check production statistics, NOK rates, top N defect reasons, value statistics, trend analysis and more.

The WebPal back end runs on a server computer, which is in many cases identical to the result database server.

For simple installations with only one measurement PC, WebPalViewer can connect directly to the result database.

WebPal was designed to assist you in identifying and solving all kinds of production problems.

The starting point for different ways of analysis is the production statistics, which displays for all test stands and types the production numbers and fault rates. From there, you can proceed to top N defect statistics, time series and other types of analysis.

A broad set of filter options enables further specification of analysis.



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WebPalViewer: Basic Operations

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WebPalViewer Most Used Reports





Links Within Web.Pal Report

The list of defects in Web.Pal contains clickable links which lead to more information

Click on the error code				<u></u>	GRUSS	Gauss	Data	a Produc	tion S	statisti	ics	DIS	CO	M		
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Discom Production Testing UNRESTRICTED

Web.Pal Single Value Statistics

The Single Value Statistics can be reached directly from the Web.Pal start page or by clicking on a single value error code in the reject messages report.

The data range of the statistics is set in the options (see next page).

Time series and distribution also show the limit value.

In the table below, specifications about the selected metric, data range, and applied filters can be read.

This report can be exported as pdf or office document. (The export is available for all Web.Pal reports.)



Engine Test Production Statistics



Single Value Time History. Last > 1000 Measurements before Serial 0432642V





est Stand Model		Mode	Mode Instrumer		Param		ocation	Channel	Sensor			
['Gauss-EOL1]	[081]	5-Rd	Spectral Value		Order4 I		nputShaft	Mix,VSFro	nt			
									_			
Curve Data	Average	Standard Dev.		Minimum		Maximum	Col		or			
Value	54.54	4.166	4.166		44.98		75.89					
Limit	75.42	8.35E-06		75.42			75.42			1		
Report Filter					Setting							
Show Measurements						All Tests						
Show Reference Uni	On											

Your Daily Workflow



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