



# Production test data management

Introducing FACTS – the software for Production test data management and analytics

**Make informed decisions based on FACTS to intervene faster**

**React in real-time to changes in your production performance and quality**

- Get global access to results from any device
- Manage your test data centrally
- Identify quality issues from supplier or with own production line

FACTS allow you to integrate your test data and consolidate them into a database. Through a web-based user interface you have instant access to your integrated test data from all collection sites.

The analyses reports provide you with quick overviews of key production performance and product quality indicators such as Cp, Cpk, Mean, Distribution, etc.

**Data Management**







- Automated collection, organization, and storage of test data
- Optimized database design for fast queries
- Support for multiple file formats







**Detailed Reporting**

- Yield reports
- Six sigma parameters
- Online UUT test reports
- Error pareto
- Test duration time
- Waveform data statistics

**Advanced Filtering**

- Easy filtering through web interface allows quick identification of root causes
  - Test station
  - Fixture
  - Firmware version
  - Operator

	<b>SPC</b> Statistical analysis result for test steps, represented by mean value, standard deviation ( $\sigma$ ), Cp and Cpk index values as well as specification limits.
	<b>Time Series</b> Time based XY-graph and the normal distribution graph of the measurements for a specific test step. Statistical analysis values are shown for the selected measurements.
	<b>Test Result</b> Provides an overview in list form of tests performed in the production.
	<b>Unit Overview</b> Test step result and measurements for all performed test runs for a specific item serial number.
	<b>Unit</b> Detailed report for a specific unit that includes all the information known to the system.
	<b>Repair Pareto</b> Chart and sorted list of most frequent repairs entered via the Paperless Repair application.

	<b>Test Yield</b> Numeric details and bar-graph of the yield for a number of selected tests. Each bar in the graph shows the passed/failed relation of the performed tests.
	<b>Test Step Yield</b> Numeric details and graphical presentation of the yield for each individual test step for a selected test. The combined bar-graph shows test steps and their yield.
	<b>Test Step Error Pareto</b> Sorted list of most frequent failed test steps for a selected item.
	<b>Test Duration</b> Time based stacked bar-graph showing the relation between the total test and handling time for selected tests. The number of tests performed is shown in a separate XY-line.
	<b>Test Step Duration</b> Detailed duration information for all test steps in a test.
	<b>XY Graph</b> Visualize numeric array step results in XY chart.

### Standard Reports

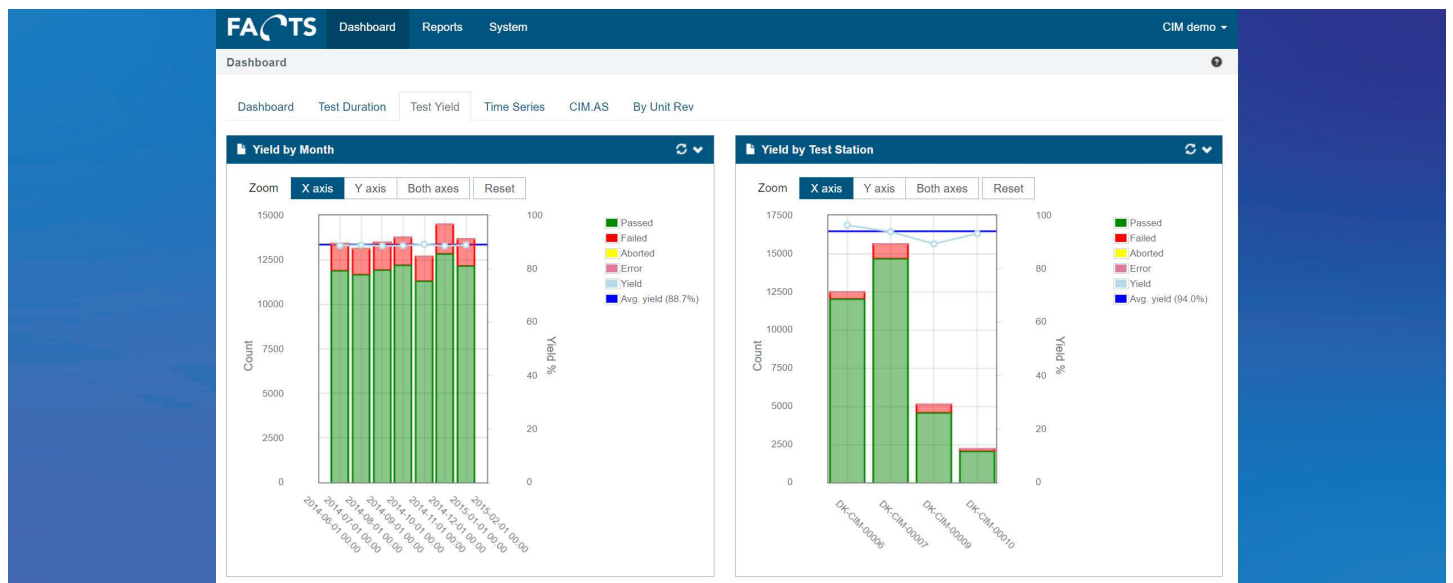
Export to PDF and Excel

### Scheduled Reports

Automatic production KPI e-mails as often as you need them

### Alarms

Automatic alarm system e-mails flagging serious production issues



### Custom Dashboard

Create a dashboard with your selected key performance indicators

### Access and sharing

Full URL for easy access and sharing of data across your organization

### Kiosk Mode

Automated presentation of your selected data

### Visit [www.cim.as](http://www.cim.as)

- Request FACTS demo
- Access user guide
- Learn from use cases
- Request further information