

## PRODUCE REPORTS ON YOUR PRODUCTION DATA IN MINUTES

The new QualityWorX Web Reporter makes it easy to create meaningful reports on manufacturing quality data. Combining a simple, yet powerful web interface with a comprehensive library of standard reports, the new QualityWorX Web Reporter will save you time.

### HIGHLIGHTS

- New, easy-to-use intuitive interface
- Comprehensive library of reports, all just a few clicks away
- Quickly and accurately track First Time Yield, identify top failures, trend part status and feature values
- Site license included with QualityWorX



### ACCESSIBLE TO ANYONE, ANYWHERE

- Web-based application provides complete access to quality data from any computer with a network connection
- No local software to install, all you need is your web browser – simply install the application on your web server, configure and go!
- User-friendly interface makes it accessible to all levels within the organization, from technician to manager



#### Create a report in 4 steps:

1. Enter **Query Parameters**
2. Click button to **Select Report**
3. Fill-in **Report Options**
4. **Launch Report**

### BIRTH HISTORY AT YOUR FINGERTIPS

- Drill down into the detailed birth history of any part using **Part History**
- Plot any waveform, check any feature against its limits
- Easily identify failed stations, operations, waveforms or features in color-coded tree structure
- Quickly locate items of interest using "Find" function to search Station, Operation or Feature labels

### COMPREHENSIVE LIBRARY OF POWERFUL REPORTS

- Quickly generate detailed summaries of product quality, performance and yield using one of seven powerful, configurable reports
- Precisely define desired dataset using flexible, powerful query builder
- Configure reports to suit individual requirements using configuration options
- Export any report to PDF or Microsoft Excel native format. Generate printer friendly versions for printing directly from your browser
- Click on a serial number in any report to bring it up in a Part History window
- Report tables feature drill-downs or collapsible tables to expose as much, or as little detail as desired

## STANDARD REPORT DESCRIPTIONS

**Single Part History** – intuitive tree-based navigation of birth history data enables detailed investigation of pass/fail results, waveform characteristics and feature checks

**First Time Yield** – Calculate First Time Yield (FTY) by station or Rolled Throughput Yield (RTY) across multiple stations.

- Graph can be toggled between FTY vs. station, or RTY vs. time, where RTY is calculated over a period of a day, week, or month, as selected by the user.
- *First Time Yield* is calculated as the number of unique parts without any failures (at that station), divided by the total number of unique parts through the same station.
- *Rolled Throughput Yield* is the product of the individual station FTY values
- User selects whether to include *No Result, No Op* or *Unknown* results in the calculation as *Passes, Fails* or *do not count*.

**Summary Report** – Generate a detailed summary table of feature statistics and operation yields. User selects from a list of 13 statistical parameters that can be incorporated in the table, as well as embedded charts that provide quick, at-a-glance displays of feature trends. Detailed report collapses to compact operation level yield summary.

**Trend Browser** – Drill down to individual operations or features and display trend chart vs. serial number or date-time stamp. Toggle between detailed serial number list, and yield and statistical summary.

**Failure Pareto** – Quickly generate a Pareto chart of the top 10 failures. Drill down to a list of affected serial numbers, then link to individual part history report to quickly isolate and identify production issues

**Failure Report** – Review detailed listing of failed serial numbers with breakdown of individual failures by station and operation



**Defect Pareto** – Create Pareto chart of top 10 defects, categorized by defect or repair details. Drill-downs and links to individual serial numbers assist in rapid identification of primary sources of defects (only available if Sciometric Repair Bay Manager installed on production line).

**Repair Traffic** – Detailed list of all serial numbers that have been repaired, specifying both the defects and the repairs (only available if Sciometric Repair Bay Manager installed on production line)

## SERVER REQUIREMENTS

### Server Hardware

- **Processor:**  
Hyper-threaded, multi-cored and multi-processor machines are supported
- **Memory:**  
Minimum 4 GB Ram
- **Storage:**  
100 megabytes (MB) of available hard disk space

### Operating System

- Windows 2003 Server
- Windows 2008 Server (Recommended)

### Software

- Microsoft Internet Information Server (IIS)
- Microsoft .NET Framework 2.0 (or later)

### Compatibility

Web Reporter is the standard reporting interface for QualityWorX and a site license is provided with every QualityWorX database installation.

**Browser:** Microsoft Internet Explorer V6 and higher    **QualityWorX:** Schema 3.0.13 and higher

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