QUALTREND®

Manufacturing Intelligence to Empower Plant and Quality Management

QualTrend is a manufacturing intelligence solution that combines flexible data mining with statistical analytics to provide management-level reporting through a customizable Web-portal framework. QualTrend enables companies to standardize and expedite manufacturing metric reporting at a plant, division, or corporate level.

- **Leverage data stored in legacy systems**
- **Transform raw data into useable business metrics**
- **Support Six Sigma and continuous improvement programs**
- **Monitor supplier quality and asset utilization**
- **Distribute customizable report summaries using the Web**
- **Manage by exception using the Digital Dashboard**

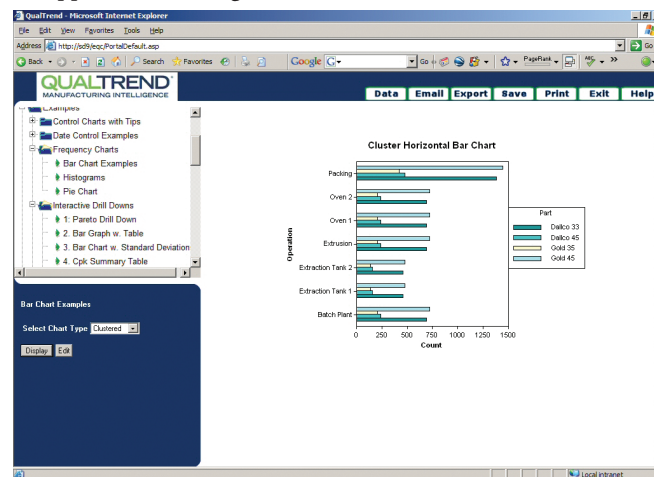### Visualize Plant-Floor Data in a Business Context

- Formulate Key Performance Indicators (KPI) based on the information trapped in isolated factory-level production and quality systems
- Extract and aggregate data to create a virtual enterprise view of disparate operations
- Access up-to-the-minute information based on real-time data on-demand or automatically on a pre-defined schedule

Extensive Data Mining of Legacy Systems

Leverage your legacy systems to access information without disrupting current operations. QualTrend extracts data from ASCII and binary files, relative and SQL databases, text and CSV files as well as websites and web pages.

Support new cost-saving initiatives with information derived from your existing systems:

- Six Sigma programs
- Defect tracking
- Warranty traceability
- Custom compliance documents
- Supplier monitoring
- Asset optimization
- Maintenance and repair
- Online process monitoring

Display information in a business context with reports you can customize to meet the specific needs of managers and supervisors

DataNet
QUALITY SYSTEMS

Powerful Data Manipulation and Analysis

Formulate and apply business rules to raw data using logic and math functions to produce KPIs. Perform comparisons, set limits, and more. QualTrend includes hundreds of pre-defined statistical tools, charts, and graphs—all of which can be customized to help you analyze and control variances in business, production and mechanical processes.

Digital Dashboard for Managing by Exception

Monitor your world-wide enterprise—or any of its facets—from a single screen. The dashboard condenses complex information down to a simple traffic-light style display that lets you identify variances at a glance. Green, yellow and red indicators can be assigned to any operation to automatically flag conditions according to your specifications. QualTrend reports can also be emailed with underlying data attached.

Drill Down for Detailed Information

Click on specific points on your chart or graph for underlying data to help pinpoint problems.

Customizable Reports to Meet Your Needs

Simple pull-down menus mean anyone can create tailored reports—no programming skills required.

Automatically Notify Key Personnel

Stay on top of any operation, from any location, every minute of the day. QualTrend automatically notifies key personnel of out-of-control conditions by screen display, email or pager. Event-management features generates reports on a given schedule.
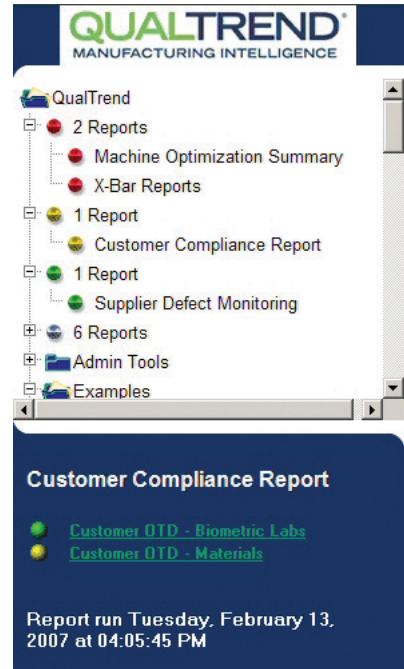
Support Continuous Improvement Initiatives

QualTrend complements Supply Chain Monitoring and collaboration software by adding metrics and analytics to supplier data, as well as Six Sigma programs and Lean Manufacturing initiatives, and tracks resources for asset optimization.
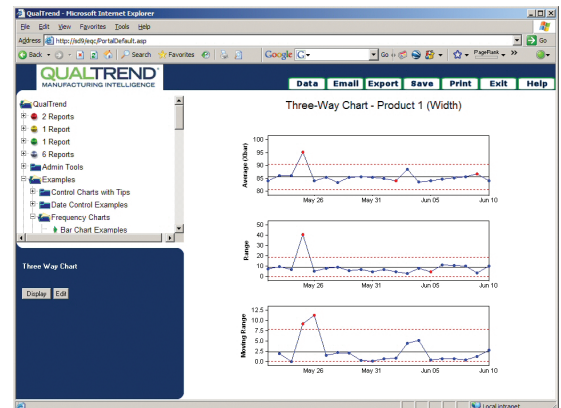
Quick, Cost-Effective Implementation

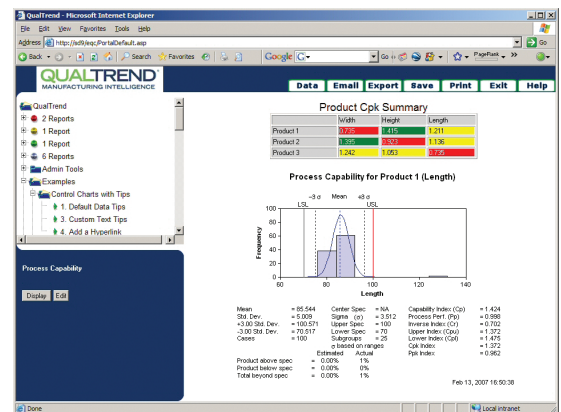QualTrend requires no replacement or modification of existing systems and requires no storage investment.

Unite islands of information to produce informative views of your operations. Pull together data from various sources to focus on topics ranging from a single department's performance to a specific, cross-functional view of worldwide operations.

Manage by Exception with Digital Dashboard displays that highlight problem areas in a color-coded, convenient format. Click on specific points to drill down into underlying data to clearly understand and pinpoint problems

Place statistics and data side by side for intelligent, multifactor analysis using comparison charting such as this three-way chart

Create and easily distribute standard and customized charts across the web or corporate intranet to internal departments and to external customers and suppliers anywhere in the world through a standard browser