

BRANSON

ProFicient™ Software

SPC Software for Use with Branson X-Port™

ProFicient™ software automates data collection and analysis on the plant floor, helping quality professionals make intelligent decisions to improve their manufacturing processes in real-time.

Robust Functionality

ProFicient software offers extensive functionality, allowing you to chart and analyze data in a way that's most meaningful to you. With unlimited data mining and sorting, your reporting options are virtually endless.

Advanced Control Charting Tools

ProFicient has the tools to manage SPC for long and short production runs, multiple characteristics and limited data collection opportunities. With over 300 different control charts, *ProFicient* ensures there is an SPC tool that is uniquely matched to your operation.

Process Event Handling and Notification

This feature automatically logs downtime and events to the database while optionally requiring Assignable Causes and Corrective Actions. When alarms are violated, automatic emails including control chart images can be sent to your people who must immediately know when a problem occurs.

Sophisticated Comparative Analysis Tools

ProFicient's Multi-tier Pareto and Box & Whisker charts allow users to sort, slice and dice data in millions of ways, allowing extensive comparative analyses. By using readily available production data, you don't need to invest in expensive off-line studies or additional statistical software.

Full support for FDA's 21 CFR Part 11 Requirements

Strict access control features support ALL the requirements of 21 CFR Part 11 including password aging, recycling, lockouts, length and encryption. Automatic audit trail logging provides a history of all changes made to any database item including sample data, limits and alarm rules.

Easy to Integrate, Implement and Use

ProFicient software can smoothly integrate into any manufacturing environment. A single setup supports hundreds of parts and machine

tools, simplifying deployment and system management.

Seamless Integration with X-Port

Branson X-Port can be configured to push data samples into *ProFicient*, enabling the use of *ProFicient* for real-time display of SPC charts and reports. Also, when connected to a *ProFicient* database, *Branson X-Port* can generate color-coded indicators of whether welder characteristic specifications are within the expected tolerances.

User-Friendly Interface

The *ProFicient* interface supports both standard and touch screen display modes; single, multiple and mixed characteristics; built-in gage support; and custom screens. User-specific interfaces and company-specific terminology combine to make our software easy to use for everyone from the shop floor to top level executives.

Simple Data Acquisition

Manual, automatic and hands-free data entry with built-in support for any serial gage means real-time data entry is simple, even for users with little or no computer experience.

Database Independence

Our 100% ODBC compliant software runs on any ODBC compliant database making it simpler to implement and integrate with your current systems. Allowing the storage of billions of records in any category, this is a system your plant won't outgrow.

Powered by: 



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ProFicient™ Enterprise Edition

An all-inclusive collection of unmatched analysis tools and comprehensive reporting capabilities make the Enterprise Edition the ideal choice for any SPC system administrator or quality professional. ProFicient Enterprise Edition may be used on an individual PC or on a server. Ideal for shop floor and laboratory applications, this Edition was designed for ease of data entry and provides a clean, user-friendly interface. It includes all of the following features:

- ▶ Attribute Control Charts: Traditional and Standardized Processing. Group, EWMA, Wandering Mean, CUSUM, and CUSUM AQL Chart Types
- ▶ Variable Control Charts: Target, Short Run and Standardized Processing. Group, EWMA, Wandering Mean, and CUSUM %CV Chart Types
- ▶ Pre-Control Chart
- ▶ Multi-Level Pareto Analysis (Subgroup Data)
- ▶ Multi-Level Pareto Analysis (Process Events)
- ▶ Capability Analysis (Normal/Non-normal)
- ▶ OLE Documents
- ▶ Process Event Tracking
- ▶ Reason for Change Tracking
- ▶ Multilingual (user based on preferences)
- ▶ Gage Server
- ▶ Customizable Alarm Rules
- ▶ Email Notification
- ▶ SPC Merge and Transfer Utilities
- ▶ Account Reset and Account Lock Utilities
- ▶ SPC Monitor
- ▶ Lot Genealogy
- ▶ EWMA and Running Average Overlays
- ▶ Trend Analysis
- ▶ Box & Whisker Plots
- ▶ Capability Report
- ▶ Scatter Plots
- ▶ True Position Charts
- ▶ Q-Q Plot
- ▶ Normal Probably Plot
- ▶ Autocorrelation Analysis

Additional Features

- ▶ **Enhanced Locale Awareness** – supports International Decimals
- ▶ **Enhanced Database Security** – provides greater security access to resources including parts, processes, defect codes and more
- ▶ **Hierarchical Corporate Grouping** – links database resources such as Parts and Processes to a corporate structure, providing greater organization of resources
- ▶ **Job Management** – associates resources with job numbers, reducing the number of tag selections that a shop floor operator must make during data collection
- ▶ **Data Acquisition Upgrades** – including drivers for integration to WonderWare, Cimplicity, various types of CMMs and access to most OPC Servers

First Year Maintenance Support Included *

- Toll free telephone support 877.772.7978, Monday through Friday, 8:00 a.m. to 7:00 p.m. EST.
- Internet service for application notes, product updates, and patches
- On-line support for troubleshooting ProFicient Enterprise SPC using software tools such as WebEx.
- Free version upgrades
- Discounts on training and consulting

*After the first year, the annual maintenance support is 15% of the current cost of ProFicient Enterprise per year.

Ordering Information

ProFicient™ Enterprise Edition License * EDP No. 225-266-151

ProFicient™ Enterprise Edition + Branson X-Port™ License ** EDP No. 225-266-152

*Note: One license required per user (if used by more than one user simultaneously).

**X-Port usage requires one license per welder connection.

All specifications subject to change without notice.

Note: All sales shall be subject to the Supplier's terms and conditions of sale as described in Branson's quotations and sales contracts.