

We all know that any successful SPC system must be effective for utilization on the production floor. No matter how good the SPC system is, without the acceptance by the production floor staff it will fail. That is why LKS has spent years working with companies such as yours to perfect the *InfinityQS™ SPC Standard Edition* interface.

While providing features to simplify SPC data collection and analysis for production floor use, we have not given up the advanced analysis features that make *InfinityQS™ SPC SE* the most powerful product of its kind.

Database Independence

The *InfinityQS™ SPC* applications are the only applications of their type that allow you to select *your database of choice*. Because they are 100% ODBC compliant, *InfinityQS™ SPC* applications will run on top of virtually any ODBC compliant database. This includes single tier databases such as Access all the way up to the high-end multi-tier client-server databases such as Oracle, SQL Server, Sybase, Informix and others.

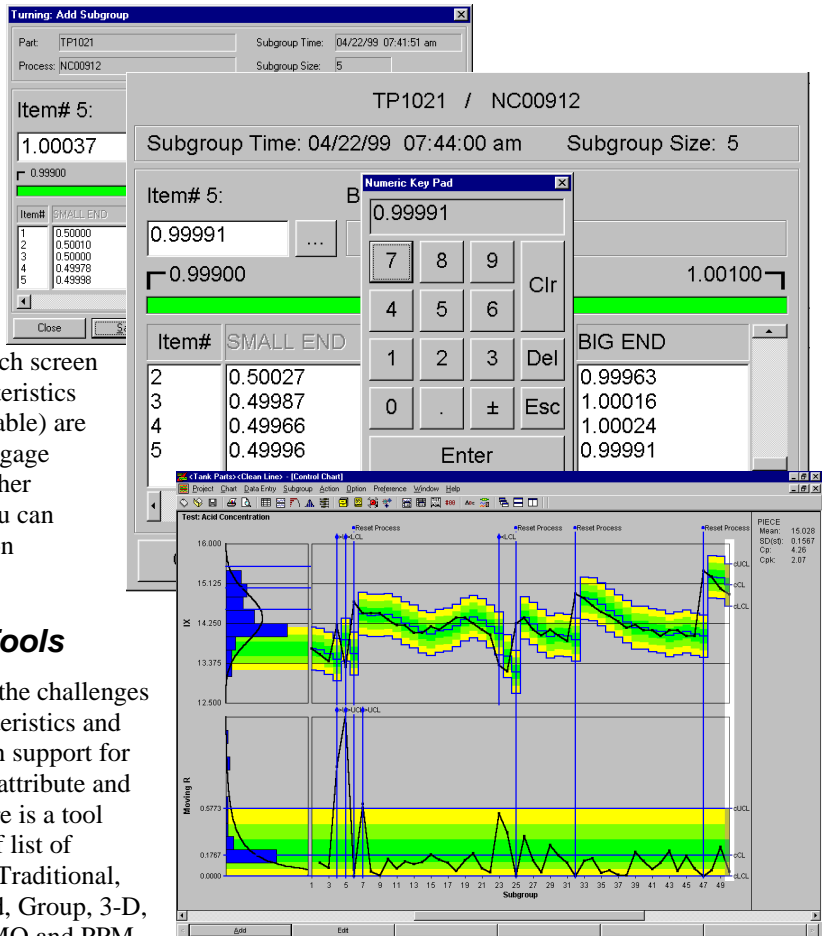
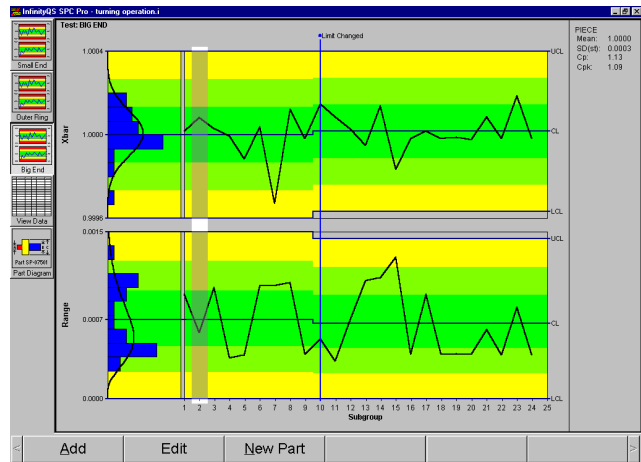
Simple Data Entry Operation

Getting data into your SPC system accurately and quickly is an essential requirement of any quality system.

InfinityQS™ SPC SE data entry interface supports both a standard and touch screen display mode. Single and multiple characteristics as well as mixed mode (attribute and variable) are supported. Other features such as built-in gage support and calculated characteristics further simplify the data collection operation. You can even implement a hands-off data collection scheme.

Advanced Control Charting Tools

InfinityQS™ SPC SE is designed to meet the challenges of small production runs, multiple characteristics and limited data collection opportunities. With support for over 300 different control charts for both attribute and variable data, you can be assured that there is a tool uniquely tailored for your process. A brief list of supported control charts options include: Traditional, Target, Nominal, Short Run, Standardized, Group, 3-D, Wandering Mean, EWMA CUSUM, DPMO and PPM.

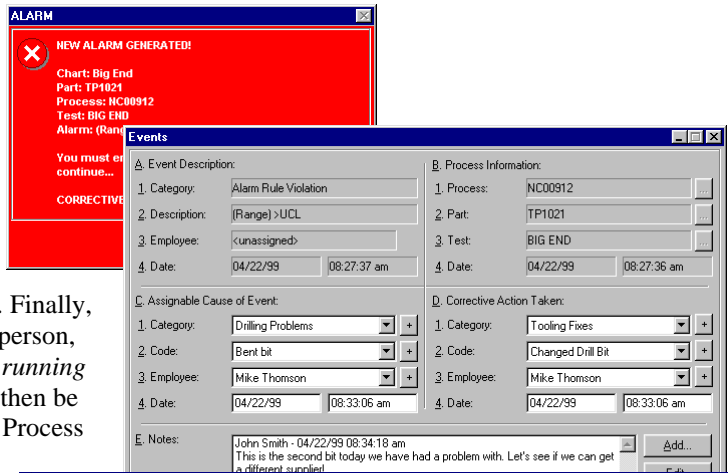


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Process Event Handling

The ability to track and respond to process *Events* or *Actions* must be a requirement of every quality system. *InfinityQS™ SPC SE* was designed to support this tracking and provide features to automate the response to these events.

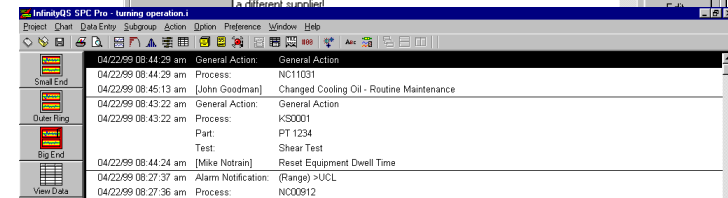
When an SPC alarm notification rule is violated a series of events are triggered. First, the operator is notified of the event via a brightly colored dialog that explains the violation. Next, an Event record is written to the database for tracking and analysis. Then the operator or supervisor is requested to respond to the problem providing additional information about the Assignable Cause of the Event and the Corrective Action taken. Finally, this information is sent via email to any designated person, providing real-time notification *even if they are not running any InfinityQS™ application*. This information can then be reported in a Process Action report or analyzed in a Process Action Pareto.



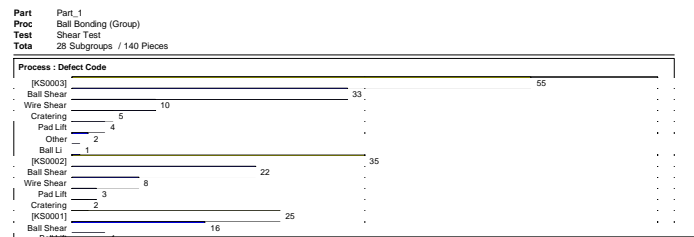
Multi-Tier Pareto Analysis

The Pareto Analysis has long been a valuable tool for determining the significant problems that should be addressed. *InfinityQS™ SPC SE* supports Pareto Analysis of both Process Events and Product Defects.

Processing options allow the Pareto chart to be broken down into major and minor categories. For example, you could break down into Assignable Cause and Corrective Action or Operator and Defect Code. In fact, the Pareto Analysis can be broken down by ANY user-defined descriptors. This feature helps to better isolate the cause of a significant problem.



Bonding Process Defect Code by Process

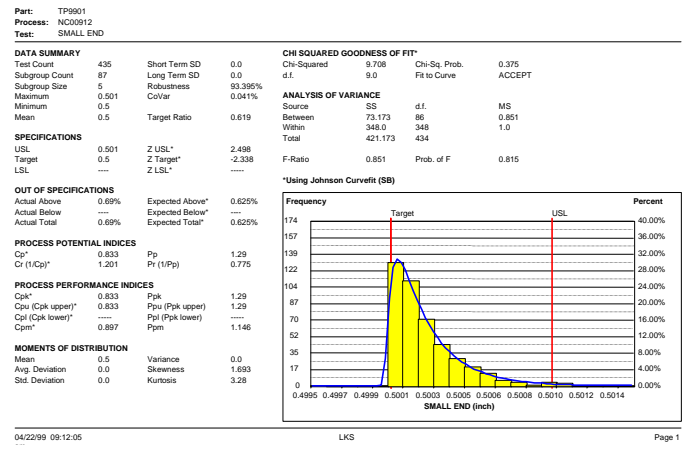


Capability Analysis Supports Normal and Non-Normal Data

InfinityQS™ SPC SE provides indices for both Process Capability and Process Performance. Other calculations include: *Coefficient of Robustness, Coefficient of Variation, Moments of Distribution, Chi Squared Goodness of Fit, Analysis of Variance (ANOVA) and more.*

Many processes exhibit non-normal distributions. The greater the departure from normal, the more inaccurate the standard capability calculations become. Using the Johnson method to analyze non-normal data, *InfinityQS™ SPC SE* calculates the process indices taking into account the underlying distribution.

Capability Analysis Non-Normal Data



For more information visit our web site at www.infinityqs.com or contact your local *InfinityQS™* representative.