How Synergy SPC Software Utilizes Cloud Computing in Your Enterprise

ZONTEC

Cloud Computing

Cloud computing involves a communication network, such as the Internet, to allow multiple users access to the same services. It has improved global communication by eliminating the time, money, and space traditionally required. There are three categories of services, Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), and Software-as-a-Service (SaaS). There are several different types of cloud deployment models, the most common being private and public. Technically there is little or no difference between private and public cloud architecture. However, a public cloud sells services to anyone on the Internet and a private cloud infrastructure is proprietary and operated solely for designated users.

Synergy SPC Software in a Cloud Computing Environment

Cloud Computing Software Architecture

Synergy SPC Software provides a secure connection to a private cloud computing environment that is established and maintained by your own IT resources. This enables users from dispersed global locations to gather, organize, analyze and report on the data sets in real-time over the web. Thus granting global enterprise-wide collaboration that can eliminate the need for incoming inspections, prevent problems from being passed on to the next link in the supply chain and product recalls due to reliability or quality issues.

Developed using Microsoft's .NET, Synergy SPC software provides a software architecture that fully supports the cloud computing model allowing companies to connect across the globe to sister facilities, suppliers and/or customers. This enterprise wide computing platform satisfies the need for a complete quality collaboration tool. Users can collect data, monitor process status, react to adverse events, manage the process, track and trace, exchange information with others and make sound business decisions based on accurate and reliable SPC data within a secure computing environment.
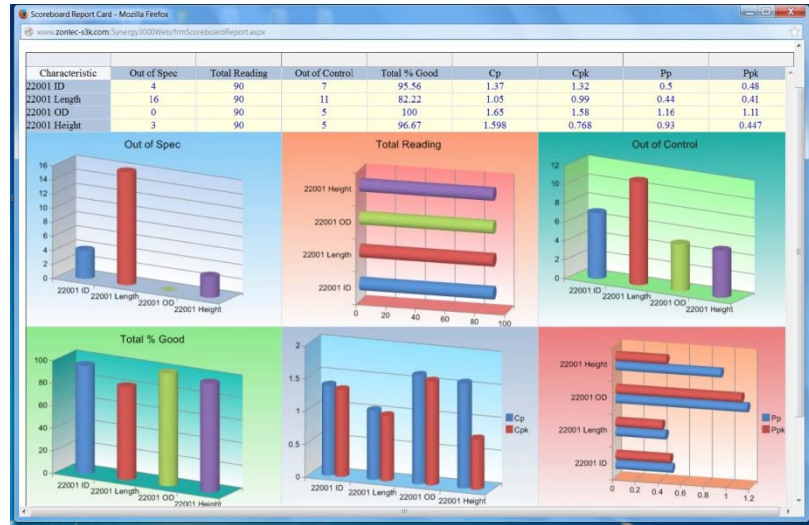
Implementing Synergy SPC software as your enterprise quality management system will provide the necessary tools to become more proactive in regards to quality. The "predict and prevent" approach to quality increases yields, reduces spoilage, minimizes the negative impact of rework on costs and productivity and improves compliance. The software is easily integrated into any type of manufacturing environment. A one-day training workshop will prepare you to begin configuring the software for your particular environment. The rapid implementation and training, along with the many other benefits gained with the use of the software, allows an immediate return on investment.

Synergy SPC Software Cloud Computing with SPC Chart

The SPC data is organized SQL databases by individual plants, product line, suppliers and/or processes for simplified data management, optimal performance and strict security policy enforcement. Synergy SPC software connects directly to the SQL database, providing real-time access to current data. The Web Operator application allows users to input data, generate charts, view process status and alarms, as well as access visual work instructions. The Web Manager application allows users to view the status of global processes, generate charts and reports, check messages, view individual data spreadsheets as well as the last measurement value entered for all characteristics being monitored.

As more and more companies look to the cloud for computing cost containment and better utilization of their data centers and IT resources, Synergy SPC software will provide the innovative design, functionality, performance, system flexibility and measurable results companies require.

Synergy SPC Software Cloud Computing Scoreboard Report

About Zontec

Since 1983, Zontec has been providing statistical process control (SPC) software to industry-leading companies across the globe. Zontec is highly respected for its continued focus on innovation and for constantly integrating new technologies that help businesses address quality issues, strive for long-term continuous improvement, and maximize profitability. Zontec is unique in the industry by offering a full suite of products to meet the needs of companies of all sizes. Committed to an aggressive product development schedule, Zontec software is created, tested, documented and totally supported within the company without outsourcing. This gives Zontec complete control over product development of our products. If a service agreement customer decides to upgrade to the next level of the Zontec product suite they can do so at minimal cost through our 100% Investment Retention program. They will be able to access all their previous data in the new product, minimizing production interruption. Zontec software has been adopted worldwide by more than 5,000 companies, spanning virtually every industrial category.

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