

Solution Delivery Services

Bring your Real-time SPC Program to Life

What is it? Our Solution Delivery services are designed to quickly take your company's real-time SPC program from concept to implementation. We offer the statisticians, quality engineers, deployment professionals, and application engineers you need to assure the success of your quality program.

- Achieve a fast return on investment
- Lower implementation costs
- Leverage experienced statisticians, quality engineers, and implementation professionals
- Meet budget, timeline and goals
- Assure best practices and methods
- Leverage the right resources at the right time

Today's companies have high expectations for performance and little room for mistakes. Leverage DataNet's Solution Delivery team to help you grow, prosper, and transform your enterprise. With over 75 years of shop floor experience, DataNet offers a team of professionals with the expertise you need to quickly bring your SPC program to life.

Strategy & Assessment

Plant Assessment

Let our quality team assist you in identifying opportunities to improve quality, reduce variation, and eliminate waste or chronic issues at your facility. Experienced consultants conduct a plant walk-through, assess your operations, and deliver a written report to offer recommendations for improvement. Consulting is conducted by specialists in the application of quantitative methods to understand, predict, and optimize product designs, manufacturing operations, and product reliability. Activities include:

Assess measurement systems and ensure adequacy

Evaluate manufacturing systems and identify appropriate control charts and sampling plans

Identify high-impact process improvement opportunities

Suggest improvement approaches

Recommend data collection and analytical approaches for controlling and optimizing plant activities

Problem Solving & Preventive Techniques

Our Problem Solving and Preventive Techniques service is ideal for companies that face current quality issues or are looking for ways to move from a reactive to a proactive approach to quality control. Our specialists provide a free, one-hour consultation to evaluate your situation, then lead problem resolution and prevention efforts using quantitative process improvement and optimization methods. Most engagements last 1-3 days. Common types of goals include:

Reducing scrap or variation

Assessing trade-offs in engineering and product development to define optimal design-for-manufacturing and design-for-quality improvements

Setting appropriate specifications

Gain a fast return on your investment and assure success with Solution Delivery Services

- Consulting
- Software Implementation
- Software Validation
- Professional Staffing

Identifying optimal production settings

Developing reliability test plans

Producing process capability estimates

Ensuring adequate measurement

Performing correlation studies between gauges

WinSPC or QualTrend Implementation Assessment

Rely on our software implementation professionals to assist you in designing your real-time SPC software implementation strategy. A DataNet specialist will perform a site evaluation and guide your project manager in the design of an implementation strategy or plan for your upcoming project. The plan includes a written assessment that documents a scope of work, budget, project assumptions, associated risks, timeline, and recommendations are delivered upon completion. Services include:

Discovery conference call

On-site evaluation

Written assessment that includes timeline, budget, roles and recommendations

Software implementation strategy

WinSPC Proof-of-Concept

Quickly and effectively evaluate WinSPC operating within your production environment with our Proof-of-Concept service. Our consultants and technical services group will assist with a limited deployment of WinSPC at your company so that you can assess its performance within your manufacturing operations. The deployment is performed via a remote internet connection from our help desk. Our sales and technical support team will assist you in defining key performance evaluation criteria based on your individual goals and work with you to prove the value of real-time SPC at your facility. Services include:

Proof-of-concept goals definition

Discovery conference call

Remote product installation and system build-out for your pilot area

Post-implementation review

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Implementation

Remote WinSPC Installation & Configuration

Rely on DataNet experts to quickly and economically install and configure your WinSPC software. After a short conference call to discuss your technical environment, our team will use a remote connection to install WinSPC, connect it to your database, and perform a basic client configuration. This service is ideal for those who don't have the time or resources available to perform product installation. Services include:

Project planning conference call

Install WinSPC server via a remote internet connection (customer is responsible for network configuration, hardware, and database software installation)

Configure basic WinSPC settings

Install WinSPC on one client workstation

Provide personal instruction/tutorial for installing WinSPC on remaining clients

Hardware & Software Procurement & Installation

Planning a WinSPC implementation but don't have the time or staff needed to order and prepare your hardware? Let DataNet do it for you. Our team of IT professionals will assist you by procuring your hardware and loading it with the necessary software for a successful WinSPC implementation. Finally, we ship the workstations to the location of your choice. This service is ideal for those with limited resources who want to quickly implement WinSPC. Services include:

Software and hardware recommendation, selection, and procurement

System hardening, software installation

System testing

Basic WinSPC or QualTrend Implementation

Get your WinSPC or QualTrend project implemented quickly and efficiently with our Basic Implementation services. We will travel to your facility to train your team, install and configure your software, and discuss the most cost effective way to configure the software to match your data collection methods. After our basic implementation you will have a working system ready for data collection or import. DataNet's Basic Implementation service is a cost-effective way to ensure a successful deployment based upon your company's unique implementation needs. Our Basic Implementation includes:

Discovery conference call

Project planning and time line development

Software installation

Administrator training for up to 12 users (two days for WinSPC implementation or three days for QualTrend implementation)

Basic system configuration to connect simple devices

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Turnkey WinSPC Implementation

The WinSPC Turnkey Implementation service is designed for those who require SPC services beyond the traditional software implementation. Customers can expect a DataNet expert to lead the strategy and delivery of a real-time SPC solution that is fully operational within your facility. Services include:

- Plant Assessment
- Implementation Assessment
- Hardware and software procurement
- WinSPC server and client installation
- Connect devices and integrate WinSPC with internal systems
- Populate WinSPC with your part and process data
- Train WinSPC administrators
- Train shop-floor operators
- Go-live support, including testing and issue resolution

Advanced Implementation

Our Advanced Implementation services are optional services designed to complement our Basic Implementation package. They are typically performed in conjunction with our Basic Implementation to customize the solution to suit your operational requirements.

WinSPC Part & Process Population

Get WinSPC into production faster by contracting DataNet professionals to populate WinSPC with your part and process data. Our team can provide consultants to assist you in designing a strategy that best matches your data collection operations, then populate WinSPC with your part and process data.

Device Integration

Quickly and efficiently collect data from nearly any manufacturing device, such as a PLC or other intelligent machine, using our expert integration services. Our engineers can travel on-site or perform remote services to assist you in collecting and capturing data from your critical shop-floor equipment. Our team has years of experience integrating WinSPC with hundreds of manufacturing devices.

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CMM Integration

Eliminate defects, reduce downtime and improve overall product quality by integrating WinSPC with your CMM operations. Our experts can create a zero-administration data integration that will empower your team with real-time information to improve visibility, react quickly to problems, centralize your quality data, and perform root-cause analysis. Our engineers have years of integration experience and can quickly integrate most CMM models using industry-standard protocols.

System Integration

Share data between WinSPC and other manufacturing systems. Our experienced application engineers can integrate WinSPC to exchange data with almost any MES, ERP, HMI, or SCADA system. Our team offers proven integration success with SAP, LIMS systems, CAPA systems, APC environments, Oracle, PeopleSoft, JD Edwards, Intercim, Wonderware, Intellution, AspenTech, Factory Link, Labview, and many more.

Custom Interface Development

Let our engineers build a custom software interface to meet your unique user interface requirements. Our programming team has experience creating custom data collection screens to mimic existing or legacy systems as well as integrating WinSPC charts within other frameworks.

Custom Report Development

Create custom quality reports and distribute manufacturing intelligence to various stakeholders in your organization. Our team can assist you in automating your standard reporting process to save you hours and increase your productivity.

Remote Upgrade

Let our technical support team quickly perform your DataNet product upgrade using a remote internet connection. This service is ideal for DataNet customers who lack the IT resources to confidently complete the upgrade. Our technical support team will walk you through the installation process, then familiarize you with the new product features.

Onsite Upgrade

This level of upgrade service is designed for larger or custom WinSPC installations. Our product experts travel to your facility to perform the upgrade, assure its performance and train your staff to use the latest features.

Professional Staffing

Let DataNet supply the talent you need to achieve your quality goals. Our hiring professionals can screen, and place quality professionals at your site for permanent or contract employment. This service is ideal for organizations that need to ramp-up for a short-term SPC initiative or other continuous improvement program. Rely on DataNet's experience to deliver you the most experienced and competent quality professionals. Types of positions include:

SPC program development

Real-time SPC implementation program management

Quality engineering and statistical analysis

Custom quality program development

Software Validation

Lower your cost of compliance by contracting DataNet to assist you in performing your software validation. Our team can prepare the documentation and perform the required steps to ensure your implementation meets the regulatory requirements of your industry.

Installation Qualification (IQ) & Operational Qualification (OQ)

Our Installation and Operational Qualification services enable your organization to deploy WinSPC in compliance with industry regulatory requirements. The IQ consists of test cases to ensure that WinSPC components are properly installed according to DataNet's *Installation and Configuration Guide*. The Operational Qualification (OQ) consists of test cases to ensure that key components of WinSPC are properly operating according to DataNet specifications and are in compliance with provisions of FDA 21 CFR Part 11 and other regulatory standards. Our Software Validation experts travel on-site to perform the tests and produce the necessary documentation required by your organization.

Performance Qualification (PQ)

Let our experienced validation team assist you in performing a WinSPC Performance Qualification at your location. Our validation experts will validate the operation of WinSPC to ensure that the system performs as intended for use in your production operations. Services include developing, documenting and validating your unique performance test cases to ensure your system meets regulation requirements, then performing the tests to verify the system performs as intended.

WinSPC Software Validation Tool Kit (Do-It-Yourself Templates)

Our Software Validation Tool Kit offers a series of templates and test cases necessary to perform a do-it-yourself Installation and Operational Qualification of WinSPC.

Learn More

To learn more about DataNet Solutions contact your sales representative at 248.357.2200 or email sales@winspc.com

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