SOLUTIONS + ANALYTICS

Real-Time Statistical Process Control

Seamless data automation meets the leading analysis engine

Monitor and protect your critical manufacturing process with the ability to detect, identify, manage, and eliminate production quality issues when and where they happen, all with a single solution backed by the Minitab® Statistical Software control charts and analysis tools trusted by leading organizations for 50 years.

The cloud-based Minitab® solution for next-generation statistical process control provides operators, engineers, quality teams, and managers with detailed, real-time data to assess current operations on-site and at sites across the globe and take appropriate proactive or remedial steps to ensure product quality and meet production goals.

Driving Manufacturing Excellence

Access critical data sources

Monitor variations in real-time

Send immediate alerts

Deliver value to operations

Test solutions to improve quality

Get to the root of the problem

Simple Data Collection and Flexible Data Access

The Minitab Connect™ data access and governance engine enables seamless integration and blending of all your relevant internal and external data to provide a complete picture of your operations.

Simple, intuitive direct data-entry forms are fully customizable, eliminating the need for manual, “pencil and paper” data monitoring and recording processes. Data-entry validation tools, automated workflows, and easy onboarding support data quality and standardized processes for collecting critical data across the enterprise.

Real-time data blending and monitoring ensures your teams across the enterprise are working with current, quality data that can be seamlessly integrated with manufacturing floor software and equipment to manage processes and make decisions.

Real-Time Visual Process Monitoring

All your centralized, blended, quality data is available for easy, at-a-glance monitoring with real-time control charts and dashboards, including:

- I-MR
- Xbar-R, Xbar-S
- I-MR-R/S
- C, U, P, NP

Control charts and dashboards are automatically updated in real-time for optimized operations and reporting, with collaborative tools for sharing insights and detailing issue, root cause, etc.
Customizable, Direct, Immediate Alerts

Prevent quality issues with immediate process feedback, real-time alerts, and warnings and notifications to alert operators of issues.

Automatically send out-of-control or out-of-spec data notifications and alerts to the right people and teams via email and text, or have them delivered directly into the relevant systems so the team can respond to issues as soon as they arise.

Individual users or teams can be assigned relevant data access permissions, ensuring data privacy and security.

One-Click Delivery to Minitab® Statistical Software

Seamless, direct access to Minitab® Statistical Software enables uninterrupted delivery of prepped data for comprehensive analyses.

Optimize Processes with In-Depth Analysis

Enable continuous improvement and strategic decision-making by using Minitab® Statistical Software to perform root cause analysis with easy-to-use predictive and improvement analytics.

For nearly 50 years, companies have trusted Minitab® to drive innovation, improve effectiveness, and achieve new levels of operational performance using data analysis and quality process management.

Learn More and Access Our Solutions by Talking to Minitab® Today

- Data Analysis
  - Minitab®
    - Powerful statistical software everyone can use
  - Online Stat Training
    - Master statistics and Minitab anywhere with online training
  - Quality Trainer®
- Data Transformation
  - Minitab Connect™
    - Data access, automation, and governance for comprehensive insights
  - Visual Business Tools
    - Visual tools to ensure process and product excellence
  - Minitab Workspace®
- Predictive Modeling
  - SPM®
    - Machine learning and Predictive analytics software
  - Project Ideation & Execution
    - Start, track, manage, and execute innovation and improvement initiatives
  - Minitab Engage™