Data analysis is a critical component of process improvement programs. \textit{STATISTICA} is the software solution to meet the range of your organization’s needs: desktop, enterprise, and process intelligence. For more information, visit \url{www.statsoft.com}

\textbf{Desktop}

- DMAIC shortcuts
- Measurement systems analysis
- SPC and Process Capability Analysis
- DOE
- Graphical data analysis
- Data import (Microsoft Excel\textsuperscript{TM}, Minitab\textsuperscript{TM}, JMP\textsuperscript{TM}, SAS\textsuperscript{TM}, etc.)
- Concurrent user licensing

\textbf{Enterprise}

- Multi-user, fully Web-enabled analysis platform with security and access control, centrally configured data access, analyses, and report templates
- Integrates with existing databases to “unlock” those data for streamlined analyses
- User interface specific to the user’s role
- Single-click analysis shortcuts
- Auto-updating analyses for monitoring key performance indicators
- Report templating and batch generation (PDF, HTML) for easy knowledge dissemination

\textbf{Process Intelligence}

- Utilize the wealth of product and process data you have collected to your competitive advantage
- Discover root causes of product/process quality outcomes
- Apply predictive models to identify the relationships between critical factors
- Deploy predictive models for ongoing process monitoring
- Multivariate Statistical Process Control

\textbf{Fully Web-enabled}
Collaborative Analytics

Analysis templates in STATISTICA automate the application of analytic and graphical techniques to exploration, modeling, and process control. Templates guide users from data selection to the presentation of the results.

Interactive Data Visualization

Hundreds of 2D, 3D, and nD graphs dynamically linked with data, built-in analytics, interactive brushing, slicing/dicing, subsets, categorization, and much more...

STATISTICA has been called by one reviewer, “The King of Data Visualization software.”

Comprehensive Analytics

Exploration/Data Reduction: Principal Components, Factor Analysis, Independent Components Analysis, Partial Least Squares, Feature Selection, and much more...

Predictive Modeling and Classification: General Linear Models, Generalized Linear Models, Generalized Additive Models, Nonlinear Estimation, Curve Fitting, Classification and Regression Trees, CHAID, Survival Analysis, and much more...

Advanced Machine Learning Algorithms: Advanced Neural Networks, Support Vector Machines, Naïve Bayesian Classifiers, k-Nearest Neighbor methods (Memory-Based Learners), Stochastic Gradient Boosting Trees, Multivariate Adaptive Regression Splines (MARSplines), and much more...

Clustering: k-Means, EM, Hierarchical (Tree) Clustering, Self Organizing Networks, and much more...

Document Management

High performance, flexible system for secure management of documents. Most efficient way to leverage regulatory requirements into productivity enhancements. Complies with all 21 CFR Part 11 requirements, including access control, versioning, history, electronic signatures, and audit trails.

Validation, Compliance

STATISTICA for Validated (GxP) Applications. STATISTICA is commercial-off-the-shelf software ready to be validated for your company’s use. STATISTICA provides an optional Validation Package for streamlining the testing of the software in your environment. StatSoft provides professional services to fit the scope of validation planning, testing and documentation to the intended use of the software for your application and your computer systems validation standards.

21 CFR Part 11 Compliance. STATISTICA satisfies the software requirements of Part 11 including access controls, audit trails, and electronic signatures.

Sarbanes-Oxley (SOX). STATISTICA provides a platform for aiding compliance by ensuring a standard and secure approach to managing SOX-related documents and by capturing the necessary reviews, edits, and approvals through which these documents must proceed.

Report Publishing

Users publish Reports to a secure, Web-based repository, the STATISTICA Knowledge Portal that also offers options to interactively run predefined analyses. STATISTICA includes a graphical Report Template Editor. Report Scheduler automates the ongoing production of Reports. Report generation links the Report template with the latest results.

Enterprise, Web-Enabled Architecture

STATISTICA is a highly scalable, server-based data analysis system built on a cutting-edge, distributed processing architecture. Central administration and storage of Analysis Templates, Reports, and other STATISTICA system configurations. Offload time-consuming tasks to the server. Automated, server-based monitoring with event model and alerting server. Single-user, desktop editions of STATISTICA are also available.