



Smart Archive Server

ALL DATA TOGETHER

- **EASY TO SETUP**
- **EASY TO ADMINISTRATE**
- **EASY TO USE**



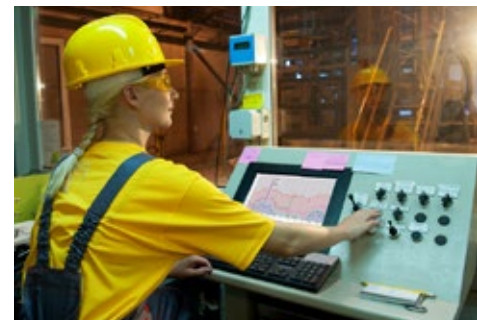
Smart Archive Sever is an industrial application for long-term process data archiving and representation in an intelligible way – Visualization-Processing-Reporting. Smart Archive server is based on latest Microsoft .NET® client-server technologies with Microsoft's SQL® database backend.

Smart Archive Sever will become an essential part of modern process automation systems, it is not just a simple data archive, but rather your PROCESS EXPERIENCE and KNOWLEDGE BASE.

Smart Archive Server is designed to be your Industrial Data focal point. Because of its extensible application interface, Archive Server can be seamlessly integrated with most commercially available automation systems. This makes Smart Archive Sever the ideal solution for multi-vendor automation applications.

Having a simple data repository is not enough, and we understand that. We also know how valuable your time is, this is why we focused on developing a product that is designed to address your needs by delivering required information with minimum effort. We have created an innovative software tool that will allow you to more efficiently and effectively achieve your business and productivity objectives.

NO LIMITS OR COMPROMISES



An experienced IT team collaborating with industrial engineers have come together to create this innovative, result-oriented product.

With Smart Archive Server you will never lose any data that is generated from your industrial processes. Thanks to our advanced archive algorithm, you can have all of your data archived.

The power to have all of your information: Smart Archive Sever is an indispensable tool that helps you perform root-cause analysis, Process Optimization and Improvements, identifying tendencies, and improving reliability. SAS is a comprehensive application that can be used as a maintenance tool to identify and resolve potential issues before they become major problems. Smart Archive Server will allow you to reduce and better manage production as well as maintenance costs.

in the world of Big Data, you can no longer keep your data isolated in silos. Smart Archive Sever can deliver your information to you wherever and however required in seconds, in data formats that meet your specific needs.

Smart Archive Sever is a fundamental data repository solution for many applications such as Energy Management, Preventive and Predictive Maintenance Systems, Laboratory application, as well as providing information to ERP and MES.

There are **No Limits** on the number of Archived TAGs, Messages, connected clients and data sources.

Smart Archive Server comes with a 2 year Warranty, which includes free updates of the server/client software functionality.

Smart Archive Server Client application presents process data differently.

This is an innovative application with the ability to connect to multi Smart Archive Servers. The system is user-specific. It also can be used in off-line operation mode when there is no required connection to the server or you wish to easily transfer information to other users such as supervisors.

Smart Archive Server client also exports data to MS Excel, PDF, CSV and printed hardcopies, or data can be saved as individual files for off-line usage with the same functionality available online.



Process Player

Easily create or clone existing charts with your process data.

This tool includes Multi-chart plus intuitive navigation, zoom, multi-axis, playback with different speeds and scientific function to better **assist** your analysis process allowing for faster discovery of dependencies, trends, and potential problems. Our innovative alarm integration in the data charts allows for more efficient root-cause analysis and problem solving.



Alarms Archive

Our advanced user friendly filter by area message class, time period selection, and search field, allows you to identify the reasons “**Why** and **who**” for a particular issue with minimal effort. This function also creates a list of critical issues that require your attention represented as different color codes depending on their severity or priority so that they are easily identifiable.



Reports

Intuitive electronic report formats allow your business to be more environmentally conscious and limit the volume of printed reports. Packaging the vast amount of process data available in the system allows you to become more efficient and cost effective when creating your Production and Management specific documentation.

- Operator’s journals automatically generate shift reports based on customization of specific templates, including data that may be entered manually. Journals can be opened, created, populated, and closed based on a specific time or event.
- Our Custom Report Generator can be used to easily design or clone an existing report to meet your specific needs. Our Report Generator includes the most common mathematical operations, templates and smart rounding function.



KPI Builder

Management is always interested in plant specific Key Performance Indicators (KPI) provided in graphical or table formats in real-time or as an historical analysis. The KPI Builder allows for better decision making and optimization by tracking performance specific to key time periods, and budgets allowing you to easily identify areas of your operation that need to be addressed and improved. It is your “digital assistant” that allows for a more comprehensive presentation of data. KPI Builder supports export to MS Power point, PDF and printed hardcopies. KPI Builder for iPad is also available.

Compatible with PCS7/CEMAT 6.x, 7.x 8.x; WinCC 6.x 7.x; OPC DA/HDA 1.x, 2.x, AE , UA
"Endless type" method of archiving.
Backup on removable media
Open two-directional connectivity to ERP system
Export in csv, excel and pdf

Windows server 2008 and above for server application
Windows Vista and above for client application



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Archiving

- All mathematical types (real, integer, hex, Boolean)
- Snapshot; average, min, max
- User specified and astronomical time archiving period
- All messages – alarms, warnings, system and etc.
- Supports manually entered data from Operators screens**

Reporting

- Production Journals, shift reports – predefined and custom design.
- Simple custom report generator with integrated basic mathematical operation
- KPI Builder on custom based formulas.

Processing

- Multi chart
- Multi Axis
- Multi Cases access

Add on

- RT-VIEW
- Energy Management System
- xPert

