



Secure Process Management

Configurable Process Automation Platform

- Clear Process Modelling with direct PLC implementation
- Configurable Management for systems, logging and personnel
- Integrated Visualisation, Recipe, Planning and Reporting
- Electronic Signatures, 21CFR Part 11 compliance and Auditing

- Production systems, -Utilities Systems, -Pilot and Trial Plants,

Provided for Regulated Industries and currently used critical systems in :

Pharmaceutical

Food and Beverage

Water Treatment

Many advanced features for well managed systems:

- Contains SQL Historian, for logging of all Values, Alarms, and Actions with configurable Audit Trail for full 21CFR Part 11 compliance.
- Archiving of Historian, with scheduler for off-peak Archiving.
- Server Redundancy with full Hot Standby switchover.
- Full Sync Backup of process setpoints and values.
- Snapshot Reports for full Plant Status and Values for handover meetings.
- Process Checker, with drill-down-to-device diagnostics.
- Replay Mode for graphical process review on HMI.
- Active Directory Integration, for secure Windows integration.

— *Control without Coding - A Better Automation Path -*


Allowing engineers to focus on the process design instead of coding

1. *Process Models are built in a graphical S88 friendly environment.*
2. *A Server application and PLC library then implement the model.*
3. *Model items are selected in HMI, Recipes, Reports, and Plans.*
4. *System Managers may securely add and edit Recipes, Reports and Plans.*


Additional features to accelerate system testing and validation:

- Process Design and Validation documents are automatically provided.
- Process Emulator and Simulator, for offline Training and Simulation.
- Audit Trail for Model Building,

Integrated Modules providing Efficient Automation

Builder 


Builder is a framework application for setup of Equipment and Programs. Models are easy to modify and Consistency Check helps to eliminate Errors. Builder generates matching Validation Documentation. Builder provides full Search and Cross Reference and contains an Audit Trail.

Server 


Fully configurable Server manages communication for PLC, HMI & Modules with Logging, Redundancy and Security, with audits. Provides Full and Partial PLC Downloads and data Sync. Also contains Process Emulator and Simulator functions.

PLC



Accord PLC Library implements process Model automatically, replacing coding. This brings consistency to PLC operation, reduces PLC programming errors and style issues. Libraries for Siemens, Schneider and Mitsubishi are copied to PLC with Hardware configuration.

HMI 

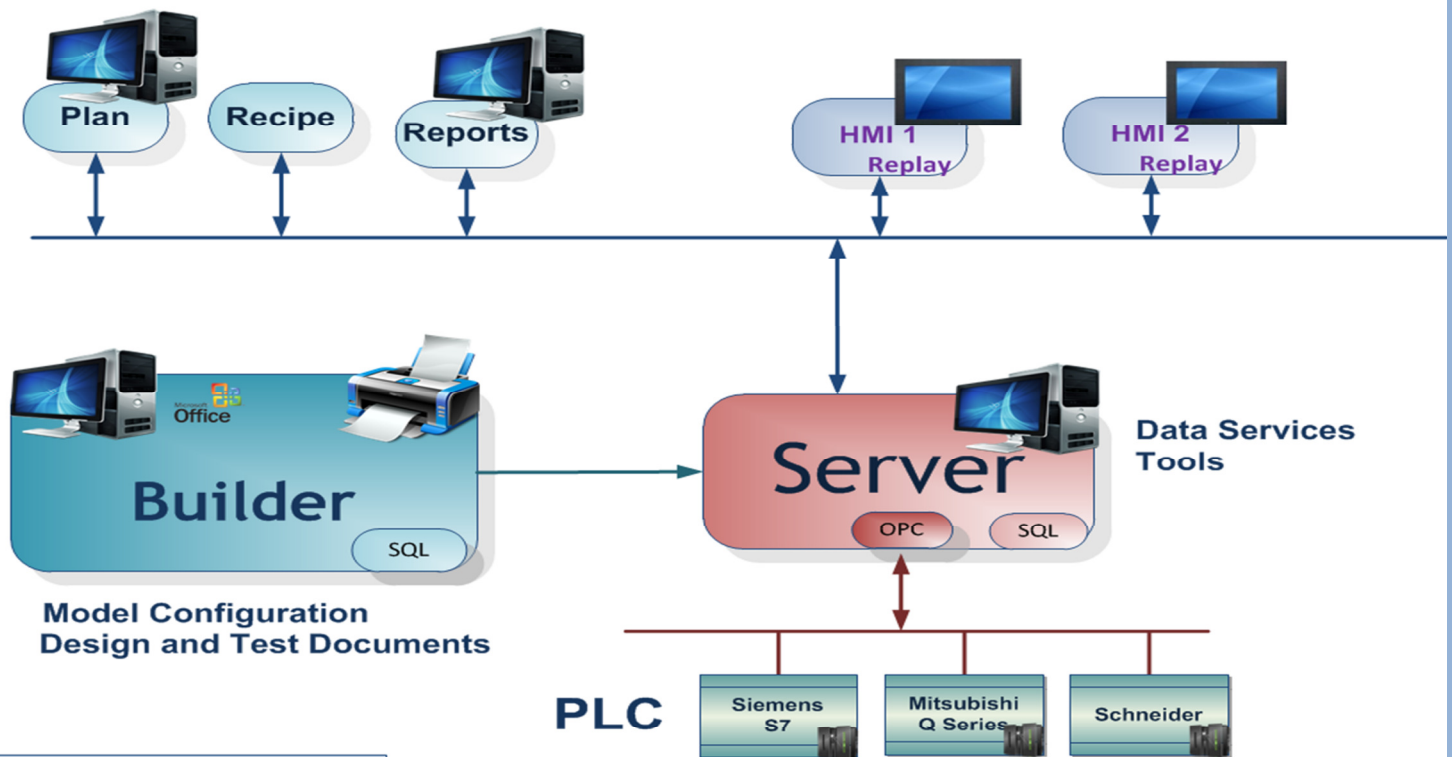
HMI provides screens and Model objects with status and values from Server. No scripting is needed so implementation, testing and commissioning time is reduced. HMI Runtime on Server PC or other PC, Panel PC or tablet, multiple HMI Workstations are supported.

Reports 

Historical reports are setup by selection of Programs and Devices. Reports may be generated to column or tabular formats and alarms may be included. Data for any device that is being logged for Historical Data may be included. Reports may be stored in many formats and e-mailed.

Recipe  **Plan** 

Recipe configuration without scripting for Step Order, Step Times, Setpoints and Decisions. Recipes are available in HMI programs when configured. Plan sequences of programs, with selectable Recipes, to be run at any time, with stored history and reports.



Accord Modules

Networking: - Multiple PLCs and HMIs managed by Accord Server

Accord Modules may all reside on one PC or be distributed on many PCs.

Download Accord from dedicated support site - www.accord-platform.com.

Managing processes in UK, Germany, Ireland, China & Middle East since 2010..

Accord is developed by Logicon, Ireland

- Suppliers of process automation systems internationally since 1996.

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