With Smart Client, ABB life cycle services is helping customers uncover meaningful insights from raw process data in System 800xA. System 800xA provides data within a plant network, and without a secure thin client there is no easy way to access that information outside of the firewall. 800xA Smart Client provides a secure and easy way to view control system data and events in real-time on the corporate network. ABB’s Smart Client packaged service includes full installation and set-up of the required components as well as configuration of sample dashboards and Key Performance Indicators (KPIs) relevant to industry and specific needs.

This packaged service is delivered by an on-site expert, following a structured project review with the customer. Working closely with on-site system responsible personnel ensures that 800xA Smart Client software is installed correctly, and more importantly, securely.

The ABB engineer begins by setting up the connection between System 800xA and the Smart Client server. It is recommended that this server be set-up on a separate PC from those that run the system. Next, the Smart Client data provider, which feeds data from System 800xA to the Smart Client server, is configured on a designated, System 800xA node such as a connectivity server. Finally, up to five Smart Client nodes will be set-up to view data from the Smart Client server. The licenses for the five clients are included in the packaged service and they will be added to 800xA’s Central Licensing Server (CLS). Also included in this package is the installation and set-up of 800xA Smart Client Excel add-in, which allows for the retrieval of 800xA data in Excel 2007 or later.

This packaged service also includes one day of training for up to six employees that will need to maintain, administer, view and work with Smart Client.

Deliverables & scope:

- Install and set-up 800xA Smart Client server and configure the necessary licenses
- Install and set-up 800xA Smart Client data provider software on one 800xA system
- Configure and demonstrate connectivity for up to five (5) 800xA Smart Client Desktop Workplaces (clients) to view 800xA data and graphics
- Install and set-up Excel plug-in for up to five (5) 800xA Smart Client desktop workplaces (clients)
- Demonstrate security of all connections
- Perform up to two (2) – three (3) hour training sessions on 800xA Smart Client including:
  - Smart Client overview
  - Creating and displaying user defined displays
  - Set-up 800xA displays*
  - Creating a sample report using 800xA Smart Client Excel interface
  - Setting up and viewing trends and events
  - Maintenance and administration of Smart Client
Prerequisites:

- System 800xA 5.0 Service Pack 2 (SP2) Rev D or later
- System 800xA 5.1 Rev A and later or Feature Pack 1 (FP1) and later for 800xA PG 2 process graphics displayed in Smart Client*
- One desktop PC with minimum of 2 GB available RAM, 4 GB free hard-disk space, dual network card, Windows 2008 (32 bit) OS and network connectivity to host Smart Client server
- Approved access to the 800xA connectivity server that is targeted as the data provider
- Opening of port 19131 and port 80 on the firewall between plant network and corporate network
- MS Excel 2007/2010 on client nodes

Follow-up services:

- Extending Smart Client: This service delivers plant specific custom displays to Smart Client along with custom KPIs and production dashboards

For more information contact ABB Consult IT.

Americas

Umesh Chitnis
Wickliffe, OH, USA
Phone: +1 440-585-6805
Mobile: +1 440-289-5294
Email: umesh.k.chitnis@us.abb.com

Power and productivity for a better world™