

Integrations with 800xA

- get more from your 800xA system

Sogeti has the expertise and the knowledge to create integrations that will lift your 800xA system to a higher level.

Sogeti in Sweden has worked with the 800xA system since its creation in the 1990's. Sogeti took a part in the development of both the 800xA system and its development tools. We can support you with all the integration steps from the initial pre-study that will verify if the integration can be done until commissioning and start of the final integration.

We have the knowledge

Training - 800xA development

Sogeti offers a number of services in the field of 800xA integration. The training course for the 800xA development environment Aspect Studio is held by Sogeti. Contact Sogeti for a training of your local developers. Sogeti can help with coaching and support while your developers improve their skills.

Pre-studies

Integrating an automation system can have many implications. A broad knowledge, such as Sogetis, about the automation system and about the systems to integrate is required to perform the pre-study.

Trust Sogeti with these pre-studies and you can be sure to get the integration thoroughly evaluated, not only regarding the technical solution but also with respect to its pros and cons and the consequences for the organization and the 800xA users. You will also get a reliable cost estimate based on Sogetis long experience of 800xA integrations.

Project management and execution

Sogeti can be sub supplier, partner or main supplier of 800xA integrations. Sogeti has experienced and highly qualified project managers that may be assigned any role from managing the whole integration project to coaching.

Sogeti normally uses the Sogeti Quality System, SQS, but can of course use ABB:s or the end customer's quality system as well.

Integrations with certified quality

Sogeti has extensive technical skills and experience and deliver with the high quality that is required for a process control system. Sogeti has repeatedly proven to be among the best in Sweden when it comes to test and test strategy. These skills are used to secure the quality of the 800xA integrations.

Sogeti can also certify the integration for 800xA at ABB, a so called Industrial IT Certification, IIT-certification.

Advantages with Extended Automation

The process control system operators are very important for an efficient production. The more support and information the operators can get from their 800xA system with just a few mouse clicks, the faster they will make the correct decisions. Compare the effort and loss of time when searching for the information in other computer systems and environments.

The maintenance personnel are other key users that with good integrations with for example the document system and the maintenance system can reduce both stop times and maintenance costs. As a bonus both these user categories will get a better and simplified user environment.

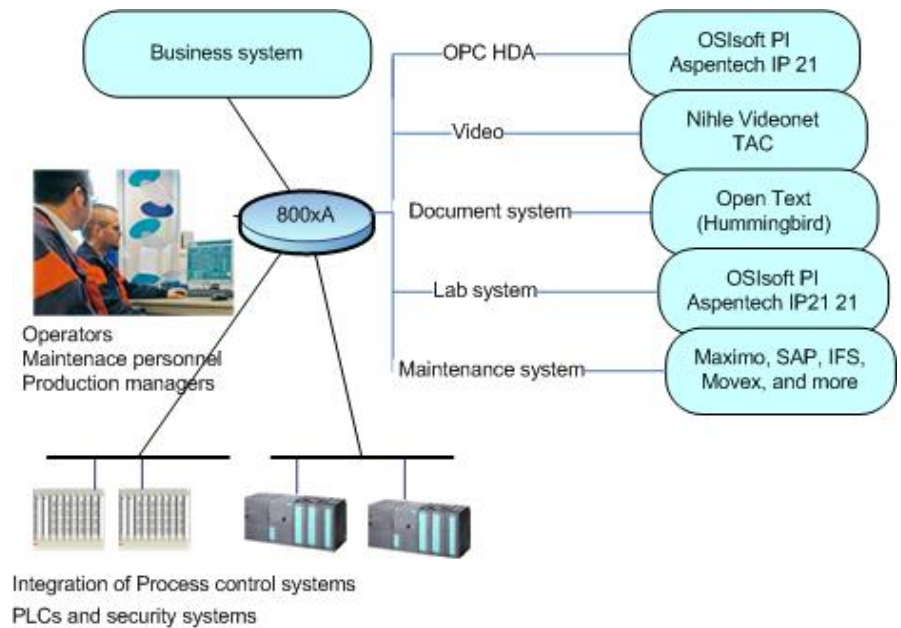
Industrial IT-certifications

Sogeti performs so called Industrial IT-certifications together with ABB. IIT-certifications guarantee that the integration with 800xA is reliable and provides correct support for the 800xA functionality. The certification is a guarantee for the buyer of the integration and a competitive edge for the company that owns the IIT-certified product.

Most of the integrations developed by Sogeti have been IIT-certified. Sogeti has also IIT-certified a large number of switch families for companies such as Hirschmann, Moxa, Phoenix, OnTime and Cisco.

800xA integration overview

Integration with a process control system gives the 800xA users full control over an additional part of the process from their 800xA workplaces. Another type of integration is integration with support systems such as document, maintenance, historian and video systems. These integrations make valuable information available in one place, the 800xA workplace. A third form of integration is the integration with the company's business systems. This will ensure that the right products are produced at the right time and that the results are reported back immediately. See the overview of 800xA integrations to the right.



References

Integration of Process control systems, PLC:s and security systems

- AC 100 (ABB AF100)
- Plantguard (ABB Safety system)
- 800xA Evolution for HSM (Honeywell TDC 3000)
- Siemens S7 (Gas Turbines)
- Andritz (Burner management system)

Horizontal integrations

- Document system (Hummingbird)
- Video integration - Nihle
- Video integration - TAC
- OPC HDA - Integration with for example Osisoft PI using the OPC HDA standard.

Pre-studies and Process IT Strategies

- Most of the referenced integrations have been preceded by pre-studies and many more have been done as well.

Some of our customers in this area

- ABB Automation Products
- Boliden (Mining and Melting)
- SCA (Östrand, Ortviken, Obbola) (Pulp and Paper)
- LKAB (Mining)
- Siemens
- EIAB, Nihle, TAC
- Volvo Umeverken (Trucks)

Do you want more information?

Contact the Sogeti office in Luleå for more information about our 800xA integration services and the rest of our offerings.
www.sogeti.se/lulea
www.sogeti.se/integration/english

About Sogeti Sverige AB

Sogeti Sverige AB is a consultancy specializing in local professional IT services. Geographically located close to the local technical decision-makers of large companies, we are present at 21 Swedish locations with a total of about 1,000 employees. Globally we are 20,000 employees in fourteen countries. We offer our clients a full range of technological IT knowledge and expertise. Sogeti Sverige AB is a part of the Sogeti Group, owned by Cap Gemini S.A., listed on the Paris Stock Exchange. For more information, please visit www.sogeti.se.