

ABB Automation Integrated Operations

Are you involved in the design, development or operation of systems which integrate automation with other systems?

Are you interested in the architectures and technologies used to implement enterprise-wide control and management systems?

Would you like to know more about the possibilities of improving the effectiveness of your operation through collaborative working?

For many years, control, monitoring and management systems have been developed separately. Collaboration between the users of these systems is often hindered, rather than assisted, by their implementation.

At best, systems such as automation, electrical, safety and maintenance management are able to share data. However, there is hardly ever a standardised approach to ensure that users are assisted in their job by bringing together the right information, at the right time in the right place.

With recent technological developments in areas such as communications, user interfaces and workflow management, some operators are beginning to implement truly enterprise-level collaborative working environments.

Who should attend?

This session is aimed at those with an interest in how user effectiveness can be improved by adopting new operating practices. Thereby improving safety and realising increased reliability and efficiency.

Benefits of attending

- Introduction to concepts of collaborative working
- Insight into established and emerging technologies

Topics covered

- Introduction to the IEC 62264 standard for Enterprise Control Systems Integration



- Collaboration Centres
 - What are they?
 - Who uses them?
 - What are the benefits?
- Remote monitoring and Operations Rooms
 - What is required?
 - What are the benefits?
- Changing data to information
 - Integration architectures
 - Data handling and presentation
 - “Smart Field” concept
- Evolving working practices
 - Automating workflow
 - Information sharing
 - Management information (KPIs)
- Technology trends
 - Cloud Computing
 - Apps Everywhere
 - Internet of Things
 - Big Data

Duration: 1 or 2 hour session followed by optional discussion session or live demonstration

Venue: ABB offices in Cambridgeshire, Aberdeen or customer location