Advant Master lifecycle and evolution

Tuesday, May 18, 2010

Session 1 – 9:30 a.m.
WCS-163-1A System 800xA Extended Automation: Overview and update
This workshop introduces the System 800xA Extended Automation System, and reveals the latest release and the benefits it delivers. This overview presentation will exhibit how System 800xA extends functionality beyond that of other control systems through unparalleled connectivity, integrated applications and its many industrial IT-enabled partners. This presentation sets the stage for many subsequent sessions.

Session 2 – 11:00 a.m.
ARC-102-1 Develop a cost effective migration strategy
Process automation system migration remains a major issue for end-users as they deal with an increasingly older installed base. In terms of sustainability, older systems can significantly hamper end-user efforts to reduce maintenance costs, get a handle on power management, provide appropriate documentation and traceability for regulatory requirements and much more. This session is designed to show end-users how they can develop a cost-effective migration strategy that addresses the need for sustainability in manufacturing at the same time.

Session 3 – 1:30 p.m.
WCS-129-1 Getting the full value of ABB's lifecycle programs
Automation system users are faced with challenges throughout the systems’ lifecycles. ABB has a number of policies and programs that help manage and sustain automation assets through this period. Learn how they can minimize total cost, maximize return on investment and help derive added value from automation systems to meet ever changing business needs. This workshop will discuss the ABB Lifecycle Policy, 800xA software support policy, the software asset management program (Automation Sentinel), and the system evolution planning process. These topics will be discussed in the context of the financial arguments required to justify long-term system lifecycle management needs.

Session 4 – 3:00 p.m.
ECS-109-1A Should I upgrade to System 800xA V5.1?
This workshop describes the decision making process for deciding whether to upgrade to the latest version of System 800xA. It also discusses how an installation is kept updated with the latest System 800xA software and security updates, including the latest tool support. Come learn how upgrading your system can help improve productivity, reduce risk and increase return on investment.

Session 5 – 4:30 p.m.
ECS-101-1 Advanced graphics design with WPF technology
Did you know that since the last release of System 800xA, the graphics have been based on Microsoft’s Windows Presentation Foundation (WPF)? There are significant advantages and functionality available in this modern graphics package. Come to this workshop to learn how to apply these features to achieve engineering savings, as well as to improve operator effectiveness through optimum presentation of information.

Wednesday, May 19, 2010

Session 6 – 8:00 a.m.
WCS-177-1 What’s new in Advant Master Evolution?
This workshop will cover the Advant Master Evolution options to 800xA, addressing the latest activities. Participants will receive a general overview describing the functionality of System 800xA when applied to Advant Master system. ABB has developed solutions for protecting your investments in control applications. Presenters will discuss the Advant Master control evolution strategies, new product releases and development activities.

Session 7 – 9:30 a.m.
WCS-168-1 Planning and executing an S400 to S800 I/O upgrade
This workshop will discuss the steps involved in planning, designing and executing an upgrade of S400 to S800 I/O for Advant/Master controllers. The presentation is based on numerous real-life examples. The talk will cover activities from preplanning and design to check-out. An Excel-based tool for conversion of S400 Database Source Code will also be introduced.

Session 8 – 11:00 a.m.
CCS-101-1 Dighton Power case study: Evolution to System 800xA from Advant Master
This case study tells the story of evolution to 800xA from Advant Master. Dighton Power’s turbine controls were running with Unix-based AdviaCommand, OSS00 operator stations and AC450 and AC160 controllers. Dighton’s balance-of-plant was running Conductor VMS and Wintools with Harmony controllers. After the evolution project, the plant is running with upgraded controller CPUs, engineering tools and all controllers, independent of control system family, are controlled from 800xA operator workplaces.

Session 9 – 1:30 p.m.
ECS-106-1B Guided tour of the control systems lifecycle exhibit
Attend this interactive session in the exhibit hall to tour the control systems lifecycle exhibit. The tour will introduce participants to all of the products, solutions and services you should expect from your control systems supplier. From front-end engineering to software support, evolution programs and consulting, attendees will learn how to get the most value from your control system investment during each phase of its lifecycle.

Register today: www.abb.com/a&pworld
Advant Master lifecycle and evolution

Session 10 – 3:00 p.m.
WCS-156-1 Proper planning makes System 800xA version upgrades easy
This workshop provides attendees a planning process for successful upgrades of System 800xA. Learn how best to plan and prepare to execute upgrades, in order to keep cost and risk to a minimum. Included in this workshop are case studies covering best practices. Anyone looking to upgrade an 800xA system will benefit from participating in this workshop.

Session 11 – 4:30 p.m.
ECS-108-1 Optimize your most critical assets with System 800xA’s Asset Management capabilities
Learn how to optimize your most critical assets with System 800xA asset management capabilities. Anyone looking to lower maintenance costs and improve productivity will benefit by attending this workshop. Come with your asset management questions for Vale Inco’s maintenance engineers who use ABB’s asset management technologies to keep costs down and productivity up, on a daily basis.

Thursday, May 20

Session 12 – 8:00 a.m.
WSE-103-1 Leverage ABB technical expertise using remote services to reduce maintenance effort and cost
Learn how ABB’s value-added services are coupled with the skills of subject matter experts from around the world to monitor, diagnose and optimize process automation systems and associated industrial equipment. The ABB connectivity solution is applied with advanced diagnostics and data collection tools to provide unprecedented levels of access and maintainability for ABB and OEM equipment. This workshop will provide an overview of available services, and explain how each service can be remote enabled to enhance and optimize the maintenance, operability and longevity of ABB automation products and systems, as well as OEM equipment such as computers and network equipment.

Session 13 – 9:30 a.m.
ECS-105-1 Get more knowledge with less thinking using System 800xA Knowledge Management
In today’s manufacturing environment, there is a constant challenge to do more with less. Organizations deal with the loss of knowledge as the aging workforce retires. In the typical plant today, there are fewer people than there were several years ago, yet the tasks are the same, or perhaps, they are more complicated, as we strive for better productivity. This workshop will show how we can use System 800xA Knowledge Management to get the right information, to the right people, at the right time.

Session 14 – 11:00 a.m.
ECS-111-1 System architecture and virtualization with System 800xA
This workshop covers architectural and system dimensioning improvements in the latest System 800xA release. It reviews features that reduce system footprint and integration of multiple systems, which allows you to build very large systems. Participants will also learn more about how ABB has implemented virtualization technology in System 800xA, and how this technology has helped users throughout the world to shrink footprint and improve the management of their systems.

Session 16 – 3:00 p.m.
PSC-101-2 Control system evolution panel discussion
This is an open forum discussion designed to answer any questions that attendees may have regarding the lifecycle management of ABB Control Systems. Discussion may include ABB’s lifecycle programs, such as Automation Sentinel and OCS functionality, as well as implementation considerations. Experienced ABB personnel will be present to address participant comments and questions. (NOTE: 2-hour workshop)