Advant OCS with Master System and Evolution

Session 1  •  10:30-11:30 a.m.
WSY-44 System 800xA Introduction and Update
Roy Tanner, ABB
This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

Session 2  •  1:00-2:00 p.m.
WSY-38 System 800xA for Advant OCS with Master Software
Catharina Limmerfelt, ABB
This open format session will supply you with system information on new product releases, evolution plans and all the latest news concerning the Advant Master system. We will discuss how to enhance and extend the return-on-investment of your installed system with System 800xA Extended Automation functionality. See how the System 800xA value propositions apply to your installed system. Understand how ABB protects your original system investment and lowers the cost and risks of evolution to System 800xA.

Session 3  •  2:30-3:30 p.m.
WSY-27 Reducing Time to Decision and Action with System 800xA
Roy Tanner, ABB
By attending this workshop, you will learn how System 800xA can help reduce the time it takes for operations, maintenance and engineering personnel to make the right decisions and take the correct action. Reducing time to decision saves money, decreases waste of resources and increases uptime and MTBF (Mean Time Between Failures). Through features like personalized workplaces, intuitive navigation, integrating and filtering information, and notification techniques like SMS messaging, plant personnel can be notified and given current, relevant information. Real-life customer applications will be shared.

Session 5  •  8:00-9:00 a.m.
CSY-09 Master/Advant OCS with Master Software Extended with System 800xA Functionality
Philippe Landre, ABB
In two customer case studies, one in Pulp and Paper and one in Metals/Mining, the customer/user’s perspective regarding evolution from Master/Advant OCS with Master Software to System 800xA will be presented. Planning, choices, budgeting, scheduling, benefits of collaboration with suppliers, setting goals and all aspects of Master/Advant evolution to System 800xA, as well as the value added System 800xA benefits to the user will all be addressed. Anyone considering a Master and/or Advant OCS with Master Software evolution project

IBM is a registered trademark of International Business Machines Corporation

Speaker names subject to change
or interested in others’ experiences with evolution to System 800xA can benefit from attending this presentation, including, but not limited to: operators, maintenance managers, financial officers and plant managers. This workshop includes approximately 45 minutes of lecture followed by approximately 10 minutes of Q&A.

**Session 6 • 9:30-10:30 a.m.**

**WSY-23 Optimizing Plant Asset Availability and Performance with System 800xA**

Roy Tanner, ABB

This session will show you how the right asset optimization strategy can increase your productivity and uptime, while reducing yearly maintenance costs. You will learn how features of System 800xA aid implementation and enable users to sustain a condition-based maintenance strategy through field devices, control system infrastructure, key performance indicators and plant entity monitoring. Also, customer examples of these applications will be presented.

**Session 7 • 11:00 a.m. - 12:00 p.m.**

**WSE-09 Life Cycle Management for Open Control Systems**

Lawrence Andrews, ABB

Participants will learn how ABB Service works with their control system customers to apply the latest ABB lifecycle management services to meet their maintenance and operational objectives. The Assured Performance Agreement provides a flexible and scalable framework to support a broad range of customer maintenance strategies. With ABB’s new Automation Sentinel Software Maintenance program as well as progressive services such as our Remote Diagnostic Services - designed to shorten troubleshooting time and prevent degradation in system performance through our new continuous monitoring service - the ABB Assured Performance Agreement helps our customers deliver results 24 x 365.

**Session 8 • 1:30-2:30 p.m.**

**WSE-15 Reliability Integrated Solution: Delivering Predictable Results by Integrating Technologies**

Gordon Cheever, ABB

ABB’s Reliability Integrated Solution combines our advanced software technologies with our maintenance management expertise to collaborate with your site’s maintenance team to deliver consistent results. Technological solutions alone have proven ineffective to obtain sustainable results from current market asset management systems. You will see and discuss how to combine the technologies with your work processes to drive change in your maintenance operations. ABB’s experience in managing over 150 maintenance departments under our Full Service programs combined with our broad asset and process knowledge will work to drive change and achieve results for your asset management programs.

**Sessions 9-10 • 3:00-5:30 p.m.**

**WSY-20 Master and/or Advant OCS with Master Software Evolution to System 800xA - Getting Started (Two Parts)**

Philippe Landré, ABB

This is a two-part workshop - be sure to sign up for both parts. Evolution of your system is a difficult task that requires careful consideration. This presentation gives you, as an existing Master and/or Advant OCS with Master Software user, the view inside ABB’s strategy for evolution strategy to System 800xA. You will learn about: setting up System 800xA Process Portal on a Master and/or Advant OCS with Master Software system, configuration of Master/Advant tags, graphics and familiar data/information displays and the added functionality that System 800xA Process Portal offers Master and/or Advant system users. Specific challenges, solutions and recommendations for Pulp and Paper (QCS) and Metals/Mining application users will be featured.

Anyone considering a Master and/or Advant OCS with Master Software evolution project can benefit from attending this presentation, including, but not limited to: operators, maintenance managers, financial officers and plant managers. There will be approximately 10 minutes of Q&A following approximately 45 minutes of lecture in each part of this two-part workshop.
**DCI System and Evolution**

**Tuesday, March 20**

**Session 1 • 10:30-11:30 a.m.**

WSY-44 System 800xA Introduction and Update  
Roy Tanner, ABB

This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

**Session 2 • 1:00-2:00 p.m.**

WSY-39 System 800xA for DCI  
John Burns, ABB

This session will supply you with system information, in an open format, on new product releases, evolution plans and the latest news concerning the DCI system. We will speak about how to enhance and extend the return-on-investment of your installed system with System 800xA Extended Automation functionality. See how the System 800xA value propositions apply to your installed system and how ABB protects your original system investment to enable low cost, low risk evolution from your DCI system to System 800xA.

**Session 3 • 2:30-3:30 p.m.**

WSY-27 Reducing Time to Decision and Action with System 800xA  
Roy Tanner, ABB

By attending this workshop, you will learn how System 800xA can help reduce the time it takes for operations, maintenance and engineering personnel to make the right decisions and take the correct action. Reducing time to decision saves money, decreases waste of resources and increases uptime and MTBF (Mean Time Between Failures). Through features like personalized workplaces, intuitive navigation, integrating and filtering information, and notification techniques like SMS messaging, plant personnel can be notified and given current, relevant information. Real-life customer applications will be shared.

**Wednesday, March 21**

**Session 5 • 8:00-9:00 a.m.**

CSY-02 DCI Evolution to System 800xA - the User Perspective  
John Burns, ABB

This presentation discusses the customer’s perspective regarding evolution from DCI to System 800xA. Strategy, planning, choices, budgeting, scheduling, benefits of collaboration with suppliers, setting goals and all aspects of DCI evolution to System 800xA will be discussed. System 800xA technology allows users to not only protect their original automation investment but also to reduce their risk when evolving their existing system, while enhancing their overall capabilities.

---

**sponsored by:**

IBM

IBM is a registered trademark of International Business Machines Corporation

**Speaker names subject to change**
and efficiencies. This workshop includes approximately 45 minutes of lecture and approximately 10 minutes of Q&A. Anyone considering a DCI evolution project can benefit from attending this presentation.

Session 6 • 9:30-10:30 a.m.
WSY-23 Optimizing Plant Asset Availability and Performance with System 800xA
Roy Tanner, ABB

This session will show you how the right asset optimization strategy can increase your productivity and uptime, while reducing yearly maintenance costs. You will learn how features of System 800xA aid implementation and enable users to sustain a condition-based maintenance strategy through field devices, control system infrastructure, key performance indicators and plant entity monitoring. Also, customer examples of these applications will be presented.

Session 7 • 11:00 a.m. - 12:00 p.m.
WSE-09 Life Cycle Management for Open Control Systems
Lawrence Andrews, ABB

Participants will learn how ABB Service works with their control system customers to apply the latest ABB lifecycle management services to meet their maintenance and operational objectives. The Assured Performance Agreement provides a flexible and scalable framework to support a broad range of customer maintenance strategies. With ABB's new Automation Sentinel Software Maintenance program as well as progressive services such as our Remote Diagnostic Services - designed to shorten troubleshooting time and prevent degradation in system performance through our new continuous monitoring service - the ABB Assured Performance Agreement helps our customers deliver results 24 x 365.

Session 8 • 1:30-2:30 p.m.
WSE-15 Reliability Integrated Solution: Delivering Predictable Results by Integrating Technologies
Gordon Cheever, ABB

ABB's Reliability Integrated Solution combines our advanced software technologies with our maintenance management expertise to collaborate with your site's maintenance team to deliver consistent results. Technological solutions alone have proven ineffective to obtain sustainable results from current market asset management systems. You will see and discuss how to combine the technologies with your work processes to drive change in your maintenance operations. ABB's experience in managing over 150 maintenance departments under our Full Service programs combined with our broad asset and process knowledge will work to drive change and achieve results for your asset management programs.

Sessions 9-10 • 3:00-5:30 p.m.
WSY-05 DCI System Evolution to 800xA: How to Get Started
John Burns, ABB
By attending this workshop, you will learn about setting up 800xA Process Portal on a DCI system. Our demonstration will address the configuration of DCI tags, graphics, and familiar data/information displays. This workshop will also discuss the added functionality that 800xA Process Portal offers DCI system users.

Session 11 • 9:30-10:30 a.m.
WSY-04 Component Monitoring and SMS Intelligent Notification
Boris Kramer, ABB

Be alerted through Component Monitoring & SMS Intelligent Notification. This workshop will introduce you to the benefits of Component Monitoring and provide a demonstration of SMS intelligent Notification. We’ll show you how “time to action” may be reduced by notifying the right person, no matter the place and no matter the time. We will see how simple it is to add Component Monitoring and SMS Intelligent Notification to your 800xA system for positive results.

Session 12 • 11:00 a.m. - 12:00 p.m.
WSY-28 Securing Your Control System
Kim Fenrich, ABB

Assuring the safety and viability of your control system network requires a comprehensive security strategy based on best practices. This workshop will share approaches to control system network security and commonly known best practices. We will also discuss the dynamic conditions surrounding the implementation of security measures. In addition, ABB’s security programs, initiatives and security capabilities will be discussed.

Session 13 • 1:30-2:30 p.m.
WSY-18 Improving Visibility Through Integrated Information Management
James Kline, ABB

At this session, you will learn how you can improve visibility into your facility’s performance through System 800xA's integrated Information Management capabilities. Getting the right information to the right people who can make the right business decisions can greatly improve profitability and reduce waste. The workshop will focus on reporting, tips, techniques and options and utilize customer use cases to illustrate different options available with system 800xA.

Session 14 • 3:00-4:00 p.m.
WSY-15 Getting the Full View with the Operator in Focus
Per Lundmark, ABB

This workshop focuses on how you can better adapt the operator environment for a more productive, secure operation. The amount of available information is steadily growing. As a result, it is time to put the operator in focus by stressing ergonomics and how information is filtered and presented. We will demonstrate/explain how the latest released functions and features of System 800xA Operations and the Extended Operator Workplace enable users to perform operating tasks more quickly, saving time and money.

Session 15 • 4:30-5:30 p.m.
WSY-32 System 800xA CMMS Integration
Boris Kramer, ABB

This workshop discusses integration of Plant Management into your 800xA System, including the advantages and benefits of integrating your Computerized Maintenance Management System (CMMS) with System 800xA. We will show you the operational and financial benefits through a short demo that will include submitting work orders and querying the CMMS from the context of a production asset.
Session 1  •  10:30-11:30 a.m.
WSY-44  System 800xA Introduction and Update
Roy Tanner, ABB
This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

Session 2  •  1:00-2:00 p.m.
WSY-40  System 800xA for Freelance 800F
Wally Nickel, ABB
This session will provide general information, in an open format, on the evolution plans and most current solutions for your Freelance 800F system. You will learn how you can enhance and extend both system functionality and your automation investment with Industrial IT Extended Automation capabilities. You’ll see how the System 800xA Value Propositions apply to your installed Freelance 800F system, the steps that ABB has taken to protect and enhance your original investment and how to lower your costs and risks when evolving to System 800xA.

Session 3  •  2:30-3:30 p.m.
WSY-27  Reducing Time to Decision and Action with System 800xA
Roy Tanner, ABB
By attending this workshop, you will learn how System 800xA can help reduce the time it takes for operations, maintenance and engineering personnel to make the right decisions and take the correct action. Reducing time to decision saves money, decreases waste of resources and increases uptime and MTBF (Mean Time Between Failures). Through features like personalized workplaces, intuitive navigation, integrating and filtering information, and notification techniques like SMS messaging, plant personnel can be notified and given current, relevant information. Real-life customer applications will be shared.

Session 4  •  4:00-5:00 p.m.
WSY-12  FOUNDATION Fieldbus Update
Dave Glanzer, Fieldbus Foundation
In this workshop the presenter will describe what’s new with FOUNDATION Fieldbus. Expanded capabilities, optimized H1 fieldbus, new collaborative developments supporting OPC United Architecture (OPC UA) and high speed Ethernet (HSE) will be discussed, as will support for Safety Instrumented Systems (SIS), investigation of wireless technologies, development of requirements for HSE Remote I/O devices and extension of Electronic Device Descriptions Language (EDDL). This workshop includes approximately 45 minutes of lecture and approximately 10 minutes of Q&A. Anyone working with FOUNDATION Fieldbus or budgeting for fieldbus-related projects, including system engineers, plant operators, system integrators and plant managers can benefit from attending this workshop.

sponsored by:

IBM

IBM is a registered trademark of International Business Machines Corporation
This case study workshop will provide an overview of the process automation system at a sugar refinery, including evolution of their Freelance 800F control system to System 800xA. This plant was equipped with four independent (stand-alone) Freelance 800F systems, with localized DigiVis operator stations. As part of their process automation evolution, this customer wanted to continue to utilize the existing controllers and fieldbus equipment, but to implement a centralized operator/information environment while still maintaining the existing local operator stations. In the implementation of their evolution strategy, eight 800xA Operator Workplaces were installed in a new, central control room, which has enabled overall plant operation and information management from a single and consolidated user focused environment. This case study presentation will also provide details on the many advantages and value propositions of process automation integration with System 800xA.

Session 6 • 9:30-10:30 a.m.
WSY-23 Optimizing Plant Asset Availability and Performance with System 800xA
Roy Tanner, ABB

This session will show you how the right asset optimization strategy can increase your productivity and uptime, while reducing yearly maintenance costs. You will learn how features of System 800xA aid implementation and enable users to sustain a condition-based maintenance strategy through field devices, control system infrastructure, key performance indicators and plant entity monitoring. Also, customer examples of these applications will be presented.

Session 7 • 11:00 a.m. - 12:00 p.m.
WSE-09 Life Cycle Management for Open Control Systems
Lawrence Andrews, ABB

Participants will learn how ABB Service works with their control system customers to apply the latest ABB lifecycle management services to meet their maintenance and operational objectives. The Assured Performance Agreement provides a flexible and scalable framework to support a broad range of customer maintenance strategies. With ABB's new Automation Sentinel Software Maintenance program as well as progressive services such as our Remote Diagnostic Services - designed to shorten troubleshooting time and prevent degradation in system performance through our new continuous monitoring service - the ABB Assured Performance Agreement helps our customers deliver results 24 x 365.

Session 8 • 1:30-2:30 p.m.
WSE-15 Reliability Integrated Solution: Delivering Predictable Results by Integrating Technologies
Gordon Cheever, ABB

ABB’s Reliability Integrated Solution combines our advanced software technologies with our maintenance management expertise to collaborate with your site’s maintenance team to deliver consistent results. Technological solutions alone have proven ineffective to obtain sustainable results from current market asset management systems. You will see and discuss how to combine the technologies with your work processes to drive change in your maintenance operations. ABB’s experience in managing over 150 maintenance departments under our Full Service programs combined with our broad asset and process knowledge will work to drive change and achieve results for your asset management programs.

Sessions 9-10 • 3:00-5:30 p.m.
WSY-13 Freelance 800F System Evolution to 800xA: How to Get Started
Elmar Vogt, ABB

This workshop will provide an overview of the strategy and the process for evolving a Freelance 800F system to the extended features and expanded functionality of Industrial IT Extended Automation. Through the use of typical industry based examples and real-world control systems, the steps used for evolving existing or new Freelance 800F installations with System 800xA will be shown and explained. This enabling technology allows users to not only protect their original automation investment but also to reduce their risk when evolving existing systems while enhancing overall capabilities and efficiencies.

Thursday, March 22

Session 11 • 9:30-10:30 a.m.
WSY-04 Component Monitoring and SMS Intelligent Notification
Boris Kramer, ABB

This workshop will introduce you to the benefits of Component Monitoring and provide a demonstration of SMS intelligent Notification. We’ll show you how “time to action” may be reduced by notifying the right person, no matter the place and no matter the time. We will see how simple it is to add Component Monitoring and SMS Intelligent Notification to your 800xA system for positive results.

Session 12 • 11:00 a.m. - 12:00 p.m.
WSY-28 Securing Your Control System
Kim Fenrich, ABB

Assuring the safety and viability of your control system network requires a comprehensive security strategy based on best practices. This workshop will share approaches to control system network security and commonly known best practices. We will also discuss the dynamic conditions surrounding the implementation of security measures. In addition, ABB’s security programs, initiatives and security capabilities will be discussed.

Session 13 • 1:30-2:30 p.m.
WSY-18 Improving Visibility Through Integrated Information Management
James Kline, ABB

At this session, you will learn how you can improve visibility into your facility’s performance through System 800xA’s integrated Information Management capabilities. Getting the right information to the right people who can make the right business decisions can greatly improve profitability and reduce waste. The workshop will focus on reporting, tips, techniques and options and utilize customer use cases to illustrate different options available with system 800xA.

Session 14 • 3:00-4:00 p.m.
WSY-15 Getting the Full View with the Operator in Focus
Per Lundmark, ABB

This workshop focuses on how you can better adapt the operator environment for a more productive, secure operation. The amount of available information is steadily growing. As a result, it is time to put the operator in focus by stressing ergonomics and how information is filtered and presented. We will demonstrate/explain how the latest released functions and features of System 800xA Operations and the Extended Operator Workplace enable users to perform operating tasks more quickly, saving time and money.

Session 15 • 4:30-5:30 p.m.
WSY-32 System 800xA CMMS Integration
Boris Kramer, ABB

This workshop discusses integration of Plant Management into your 800xA System, including the advantages and benefits of integrating your Computerized Maintenance Management System (CMMS) with System 800xA. We will show you the operational and financial benefits through a short demo that will include submitting work orders and querying the CMMS from the context of a production asset.

Speaker names subject to change
Harmony INFI 90 System and Evolution

Tuesday, March 20

Session 1 • 10:30-11:30 a.m.
WSY-44 System 800xA Introduction and Update
Roy Tanner, ABB
This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

Session 2 • 1:00-2:00 p.m.
WSY-41 System 800xA for Harmony/INFI 90
Mark Bitto, ABB
This open-format workshop offers system information on new product releases, evolution plans and the latest news concerning the Harmony/INFI 90 system and how to enhance and extend the Return-on-Investment of your installed system with Industrial IT 800xA Extended Automation functionality. See how the System 800xA Value Propositions apply to your installed system and the additional steps taken by ABB to protect your original system investment, lower your costs and decrease your risks to evolve to System 800xA.

Session 3 • 2:30-3:30 p.m.
WSY-27 Reducing Time to Decision and Action with System 800xA
Roy Tanner, ABB
By attending this workshop, you will learn how System 800xA can help reduce the time it takes for operations, maintenance and engineering personnel to make the right decisions and take the correct action. Reducing time to decision saves money, decreases waste of resources and increases uptime and MTBF (Mean Time Between Failures). Through features like personalized workplaces, intuitive navigation, integrating and filtering information, and notification techniques like SMS messaging, plant personnel can be notified and given current, relevant information. Real-life customer applications will be shared.

Session 4 • 4:00-5:00 p.m.
CSY-04 Harmony/INFI 90 Extended with System 800xA Functionality - Kennecott Utah Copper Case Study
ABB
Come and learn how Kennecott Utah Copper, working with ABB, created a system evolution strategy for their Symphony/INFI 90 control system at their copper plant. The resultant strategy is moving forward with implementation projects, including the evolution of current (MCS and third party) console functionality to System 800xA Process Portal. Projects are planned for the evolution of Analog Master I/O Modules (AMM), and Digital I/O Modules (DSM05) as well.

sponsored by:

IBM

IBM is a registered trademark of International Business Machines Corporation

Speaker names subject to change
**Wednesday, March 21**

**Session 5 • 8:00-9:00 a.m.**  
**CSY-05 Harmony/INFI90 Extended with System 800xA Functionality: NASA Glenn Case Study**  
John Mihevic, NASA Glenn Reserach Center  
Rob Norman, NASA Glenn Research Center

Failsafe shutdowns for aeronautics test support equipment using redundant Harmony BRC400 Bridge Controllers and S800 I/O are operational at the NASA Glenn Research Center (Glenn) in Cleveland, Ohio. This task was accomplished through collaboration - hardware was purchased from ABB and software/hardware design/implementation was conducted by Glenn. Benefits along with anomalies that occurred in the transition to S800 I/O will be discussed along with future projected upgrades.

**Session 6 • 9:30-10:30 a.m.**  
**WSY-23 Optimizing Plant Asset Availability and Performance with System 800xA**  
Roy Tanner, ABB

This session will show you how the right asset optimization strategy can increase your productivity and uptime, while reducing yearly maintenance costs. You will learn how features of System 800xA aid implementation and enable users to sustain a condition-based maintenance strategy through field devices, control system infrastructure, key performance indicators and plant entity monitoring. Also, customer examples of these applications will be presented.

**Session 7 • 11:00 a.m. - 12:00 p.m.**  
**WSE-09 Life Cycle Management for Open Control Systems**  
Lawrence Andrews, ABB

Participants will learn how ABB Service works with their control system customers to apply the latest ABB lifecycle management services to meet their maintenance and operational objectives. The Assured Performance Agreement provides a flexible and scalable framework to support a broad range of customer maintenance strategies. With ABB's new Automation Sentinel Software Maintenance program as well as progressive services such as our Remote Diagnostic Services - designed to shorten troubleshooting time and prevent degradation in system performance through our new continuous monitoring service - the ABB Assured Performance Agreement helps our customers deliver results 24 x 365.

**Session 8 • 1:30-2:30 p.m.**  
**WSE-15 Reliability Integrated Solution: Delivering Predictable Results by Integrating Technologies**  
Gordon Cheever, ABB

ABB's Reliability Integrated Solution combines our advanced software technologies with our maintenance management expertise to collaborate with your site's maintenance team to deliver consistent results. Technological solutions alone have proven ineffective to obtain sustainable results from current market asset management systems. You will see and discuss how to combine the technologies with your work processes to drive change in your maintenance operations. ABB's experience in managing over 150 maintenance departments under our Full Service programs combined with our broad asset and process knowledge will work to drive change and achieve results for your asset management programs.

**Session 9-10 • 3:00-5:30 p.m.**  
**WSY-16 Harmony/INFI90 System Evolution to 800xA: How to Get Started**  
Dave Belliveau, ABB

This two-part session will provide customers with an understanding of how to set up a System 800xA Process Portal Operator Workstation on a Harmony/INFI90 system. The demo session will address the configuration of Harmony tags, graphics, familiar data/information displays and show the added functionality that System 800xA Process Portal offers a Harmony System user.

**Thursday, March 22**

**Session 11 • 9:30-10:30 a.m.**  
**CSY-06 Harmony/INFI90 System Extended with System 800xA Functionality - Dominion Case Study (Switchgear Control Using Intelligent Field Devices)**  
Hank Sierk, Dominion

This presentation will discuss Dominion's upgrade to their Switchgear Control on their Chesterfield Power Station, Unit 4. The project will be using Intelligent Switch gear devices that provide MODBUS support. The devices will interface back to the Harmony/INFI90 System using an ABB MODBUS interface through the BRC300 controllers. This is used to bring back relevant switchgear device data from the field. The control itself will be done using a “hybrid” Symphony Harmony system that utilizes the BRC300 process controllers on top of the S800 I/O system. The BRC300s communicate to the S800 I/O through a redundant IOR-800 I/O Gateway product. This presentation includes approximately 40 minutes of lecture and approximately 10 minutes of Q&A.

**Session 12 • 11:00 a.m. - 12:00 p.m.**  
**WSY-28 Securing Your Control System**  
Kim Fennich, ABB

Assuring the safety and viability of your control system network requires a comprehensive security strategy based on best practices. This workshop will share approaches to control system network security and commonly known best practices. We will also discuss the dynamic conditions surrounding the implementation of security measures. In addition, ABB’s security programs, initiatives and security capabilities will be discussed.

**Session 13 • 1:30-2:30 p.m.**  
**CSY-07 Harmony/INFI90 System Extended with System 800xA Functionality: Midwest Generation Crawford Station Case Study**  
James A. O’Donnell, Midwest Generation  
Dave Barni, ABB

Come and learn how Midwest Generation, through collaboration with ABB, modernized their Unit 8 Boiler/Turbine INFI90 Operator Consoles with System 800xA Process Portal. The project included the evolution of current OIS console functionality and the addition of 800xA Asset Optimization software. This presentation includes approximately 40 minutes of lecture and approximately 10 minutes of Q&A.

**Session 14 • 3:00-4:00 p.m.**  
**WSY-15 Getting the Full View with the Operator in Focus**  
Per Lundmark, ABB

This workshop focuses on how you can better adapt the operator environment for a more productive, secure operation. The amount of available information is steadily growing. As a result, it is time to put the operator in focus by stressing ergonomics and how information is filtered and presented. We will demonstrate/explain how the latest released functions and features of System 800xA Operations and the Extended Operator Workplace enable users to perform operating tasks more quickly, saving time and money.

**Session 15 • 4:30-5:30 p.m.**  
**WSY-32 System 800xA CMMS Integration**  
Boris Kramer, ABB

This workshop discusses integration of Plant Management into your 800xA System, including the advantages and benefits of integrating your Computerized Maintenance Management System (CMMS) with System 800xA. We will show you the operational and financial benefits through a short demo that will include submitting work orders and querying the CMMS from the context of a production asset.
MOD 300 System and Evolution

Tuesday, March 20

Session 1  •  10:30-11:30 a.m.
WSY-44 System 800xA Introduction and Update
Roy Tanner, ABB
This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

Session 2  •  1:00-2:00 p.m.
WSY-42 System 800xA for MOD 300
John Murray, ABB
This open format session will supply you with system information on new product releases, evolution plans and all the latest news concerning the MOD 300 system. We will discuss how to enhance and extend the return-on-investment of your installed system with System 800xA Extended Automation functionality. See how the System 800xA value propositions apply to your installed system and how ABB protects your original system investment to enable low cost, low risk evolution from your MOD 300 system to System 800xA.

Session 3  •  2:30-3:30 p.m.
WSY-27 Reducing Time to Decision and Action with System 800xA
Roy Tanner, ABB
By attending this workshop, you will learn how System 800xA can help reduce the time it takes for operations, maintenance and engineering personnel to make the right decisions and take the correct action. Reducing time to decision saves money, decreases waste of resources and increases uptime and MTBF (Mean Time Between Failures). Through features like personalized workplaces, intuitive navigation, integrating and filtering information, and notification techniques like SMS messaging, plant personnel can be notified and given current, relevant information. Real-life customer applications will be shared.

Session 4  •  4:00-5:00 p.m.
CSY-12 Petrobras Case Study: The Value of Automation System Evolution Planning - MOD 300 to 800xA
Gerardo De Vincenti, Petrobras Energia
The MOD300 DCS has supported process control at the Bahia Blanca refinery (Argentina) since 1988, proving to be very reliable through all these years. However, aspects like obsolescence and optimization objectives launched the need for a technological update. This session describes the features considered during selection of the new system, the collaboration, strategies and technical solutions adopted and the phases of the project through start-up. Also, challenges met, lessons learned, experience gained after almost two years of operation and future goals will be discussed.

sponsored by:
IBM is a registered trademark of International Business Machines Corporation

Speaker names subject to change
**Wednesday, March 21**

**Session 5 • 8:00-9:00 a.m.**
**CSY-10 MOD 300 Extended with System 800xA Functionality: Bayer Berkeley Case Study**
**David Kavanaugh, Bayer PCS Engineering**

Come learn how Bayer, in collaboration with ABB, is moving forward with evolution of their MOD 300 control systems to System 800xA. Bayer Berkeley is the site of the global headquarters for the Hematology/Cardiology business unit of Bayer HealthCare Pharmaceuticals. It is also home to nearly all of the division’s biotechnology operations. Bayer Berkeley operates from a large infrastructure of MOD 300 DCs.

**Session 6 • 9:30-10:30 a.m.**
**WSY-23 Optimizing Plant Asset Availability and Performance with System 800xA**
**Roy Tanner, ABB**

This session will show you how the right asset optimization strategy can increase your productivity and uptime, while reducing yearly maintenance costs. You will learn how features of System 800xA aid implementation and enable users to sustain a condition-based maintenance strategy through field devices, control system infrastructure, key performance indicators and plant entity monitoring. Also, customer examples of these applications will be presented.

**Session 7 • 11:00 a.m. - 12:00 p.m.**
**WSE-09 Life Cycle Management for Open Control Systems**
**Lawrence Andrews, ABB**

Participants will learn how ABB Service works with their control system customers to apply the latest ABB lifecycle management services to meet their maintenance and operational objectives. The Assured Performance Agreement provides a flexible and scalable framework to support a broad range of customer maintenance strategies. With ABB’s new Automation Sentinel Software Maintenance program as well as progressive services such as our Remote Diagnostic Services - designed to shorten troubleshooting time and prevent degradation in system performance through our new continuous monitoring service - the ABB Assured Performance Agreement helps our customers deliver results 24 x 365.

**Session 8 • 1:30-2:30 p.m.**
**WSE-15 Reliability Integrated Solution: Delivering Predictable Results by Integrating Technologies**
**Gordon Cheever, ABB**

ABB’s Reliability Integrated Solution combines our advanced software technologies with our maintenance management expertise to collaborate with your site’s maintenance team to deliver consistent results. Technological solutions alone have proven ineffective to obtain sustainable results from current market asset management systems. You will see and discuss how to combine the technologies with your work processes to drive change in your maintenance operations. ABB’s experience in managing over 150 maintenance departments under our Full Service programs combined with our broad asset and process knowledge will work to drive change and achieve results for your asset management programs.

**Sessions 9-10 • 3:00-5:30 p.m.**
**WSY-21 MOD 300 Evolution to 800xA: How to Get Started**
**Jim Deignan, ABB**

If you’re looking for information on setting up ABB’s System 800xA Process Portal on a MOD 300 system, this session will help you get started. The demonstration will address the configuration of MOD 300 tags, graphics and standard displays as well as the additional functionality that System 800xA Process Portal offers to MOD 300 system users.

---

**Thursday, March 22**

**Session 11-12 • 9:30 a.m. - 12:00 p.m.**
**CSY-01 Best Control Practices Implemented in MOD 300’s CCF Application Language: Sasol Case Study**
**Mark Congiundi, Sasol**

The Configurable Control Functions (CCF) present in the ABB MOD 300 system create a powerful and flexible framework from which to build your control system. This session presents a number of control techniques that help users to get the most out of their MOD 300, Advant with MOD 300, or 800xA with MOD 300 DCS. While these techniques are detailed in terms of the MOD 300’s CCF, they are applicable to nearly every DCS.

**Session 13 • 1:30-2:30 p.m.**
**WSY-18 Improving Visibility Through Integrated Information Management**
**James Kline, ABB**

At this session, you will learn how you can improve visibility into your facility’s performance through System 800xA’s integrated Information Management capabilities. Getting the right information to the right people who can make the right business decisions can greatly improve profitability and reduce waste. The workshop will focus on reporting, tips, techniques and options and utilize customer use cases to illustrate different options available with system 800xA.

**Session 14 • 3:00-4:00 p.m.**
**WSY-15 Getting the Full View with the Operator in Focus**
**Per Lundmark, ABB**

This workshop focuses on how you can better adapt the operator environment for a more productive, secure operation. The amount of available information is steadily growing. As a result, it is time to put the operator in focus by stressing ergonomics and how information is filtered and presented. We will demonstrate/explain how the latest released functions and features of System 800xA Operations and the Extended Operator Workplace enable users to perform operating tasks more quickly, saving time and money.

**Session 15 • 4:30-5:30 p.m.**
**CSY-11 MOD 300 System Evolution to 800xA: Implementation Case Study at Tecnocell Canada**

Operating from a traditional MOD 300 DCS with Multibus, SC control and TRIO IC, Tecnocell has successfully evolved to System 800xA and AC480 control. Come learn about the implementation project, particular successes and lessons learned including the integration of existing ABB Quality Control System.

**Register Today!**
[www.abb.com/automationworld](http://www.abb.com/automationworld)
**Session 1  •  10:30-11:30 a.m.**  
WSY-44 System 800xA Introduction and Update  
Roy Tanner, ABB

This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

**Session 2  •  1:00-2:00 p.m.**  
WSY-14 Fundamentals of SIL  
Heidi Fuglum, ABB

This session will teach you about the requirements for SIL determination. This includes available methods, sub-system compliance, who should be involved and other important issues. IEC standards define safety integrity levels as a means to measure the risk reduction required for safety-instrumented functions. The concept of SIL, SIL compliance and determination are vital first steps in defining what is needed in relation to functional safety, performance and SIL capability required from a safety instrumented system.

**Session 3  •  2:30-3:30 p.m.**  
WSY-10 Forum Kickoff: The Basics of Risk Review  
Bill Goble, Exida

Hazard and Risk Analysis techniques have been well developed over the last few decades and are required by most regulatory authorities worldwide. Although a skilled facilitator is needed for quality results, most agree that the results have significantly improved process safety. Now new international functional safety standards (IEC 61508 and IEC 61511) allow the use of these results to guide instrumentation designers to provide economically optimal designs. This workshop covers the essential concepts of Risk Analysis, basic methods and required documentation and also shows how to use these results to provide optimal instrumentation designs.

**Session 4  •  4:00-5:00 p.m.**  
ISA-05 Safety Instrumented Systems: The Must Know for Implementation  
Bill Goble

The greater the level of process risk, the better the safety instrumented system (SIS) performance required to control it. Learn how to define system performance and design systems according to industry standards.
Wednesday, March 21

Session 5 • 8:00-9:00 a.m.
WSY-11 FOUNDATION Fieldbus Safety Instrumented Systems Protocol
Dave Glanzer, Fieldbus Foundation

The Safety Instrumented Systems Protocol expands application capabilities. This workshop provides information about this protocol, and about how adhering to it enables users to save time and money by improving asset management and using advanced diagnostics to enable reductions in test frequency, which significantly reduces operating expenses. This workshop will be approximately 45 minutes of lecture and 10 minutes of Q & A. Plant functional safety engineers, instrumentation and plant automation managers and system integrators will all benefit from attending this valuable workshop.

Session 6 • 9:30-10:30 a.m.
WSY-48 Update on Safety Standards IEC61508 and IEC61511
Exida

This session will provide an overview of the current internationally recognized safety standards, IEC61508 and IEC61511. There is increasing pressure on companies to comply with these standards, so knowing and understanding their content and purpose is crucial to your business. This session will also include the ANSI ISA S84 standard for design and management of safety instrumented systems and its grandfather clause as it applies to existing installed safety systems.

Session 7 • 11:00 a.m. - 12:00 p.m.
CSY-08 Managing the Process, Not the Alarms at Conoco Phillips
Matrikon

This session is about an end user's initiative to better manage their process through alarm management. This initiative included reducing the number of alarms through alarm rationalization and later realizing that continuous monitoring of alarm performance was required, as well as change management. Both were accomplished by using Matrikon's Technology Solution.

Session 8 • 1:30-2:30 p.m.
WSY-25 Practical Strategy for Implementation of IEC61511
Exida

This session will present owner specific issues and discuss the assessment of existing systems, interpreting how the standards apply to you and the possible impact on your facility. Regulators (OSHA) increasingly challenge plant owners regarding safety standards for existing safety instrumented systems, this session will help you understand what types of questions will need to be answered.

Session 9 • 3:00-4:00 p.m.
CCH-02B SIS Implementation: Dow's Quest for Safety and Flawless Execution
Scott R. Mourier, The Dow Chemical Company

This presentation will show the history of Process Automation in Dow and how ABB’s Industrial IT System fits within Dow’s SIS implementation philosophy. General risk reduction concepts will be discussed along with how an embedded platform can provide unique benefits. An effective Safety Instrumented System requires considerable collaboration between production, engineering, and, of course, our suppliers. Testing and validation of Safety Instrumented Function will also be discussed.

Session 10 • 4:30-5:30 p.m.
WSY-26 Reducing Risk with System 800xA High Integrity SIS While Optimizing Lifecycle Activities
Roy Tanner, ABB

At this presentation, you will learn how System 800xA can reduce risk to the environment, business, and people through its TÜV certified “High Integrity” Safety Instrumented System (SIS). We will talk about additional capabilities and offerings, including safety instrumentation, partial stroke testing and packaged engineering services that can help you throughout the entire lifecycle. Also, we will demonstrate how System 800xA reduces risk while optimizing lifecycle activities.

Thursday, March 22

Session 11 • 9:30-10:30 a.m.
WSY-49 Using Alarm Insight to Improve Operator Effectiveness
Tim Newberry, Matrikon Inc. • Mik Marvan, Matrikon Inc.

When used properly, technology provides the right information to the right people at the right time to help people make decisions and take appropriate action. In Alarm Management, technology must help the Operator take timely corrective action to prevent unnecessary downtime and process upsets. Preventing nuisances and providing information in a clear, concise manner are pivotal to effective abnormal situation management. This paper will follow the evolution of one site's Alarm Management strategy from its infancy through to the realization of its alarm system improvement goals. Learn how ABB’s System 800xA and Matrikon’s AlarmInsight helped make this success possible.

Session 12 • 11:00 a.m. - 12:00 p.m.
WSY-28 Securing Your Control System
Kim Fenrich, ABB

Assuring the safety and viability of your control system network requires a comprehensive security strategy based on best practices. This workshop will share approaches to control system network security and commonly known best practices. We will also discuss the dynamic conditions surrounding the implementation of security measures. In addition, ABB’s security programs, initiatives and security capabilities will be discussed.

Session 14 • 3:00-4:00 p.m.
WIA-08 Safety Instrumentation
Pat Cashwell, ABB • Bob Hausler, ABB

This session will give attendees insights into the field instrumentation side of safety. The session will focus on how ABB can address process safety instrumentation needs, with specific attention to the Pressure and Temperature areas. In addition to device coverage, topics will include SIL loop determination, selecting the proper instrumentation and planning proof testing.

Session 15 • 4:30-5:30 p.m.
WSY-29 Managing Safety Valves with Neles ValvGuard in System 800xA
Eric Fillion, Metso Automation

Metso Automation’s Neles ValvGuard partial stroke testing and monitoring system for emergency valve applications is a new generation safety management system that helps ensure that emergency shutdown (ESD) valves will operate properly despite long periods of idle service. Combined with ABB’s System 800xA it provides continuous visibility to performance levels of ESD valves and enables tools to predict maintenance needs of those valves. This can be seen as overall improved safety and availability of ESD valves.

Register Today!
www.abb.com/automationworld

Speaker names subject to change
System 800xA Engineering

Tuesday, March 20

Session 1  •  10:30-11:30 a.m.
WSY-44  System 800xA Introduction and Update
Roy Tanner, ABB
This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

Session 2  •  1:00-2:00 p.m.
WSY-35  System 800xA Engineering Overview
Kim Fenrich, ABB
This workshop begins the engineering track by introducing the concepts and value of engineering with System 800xA’s Aspect/Object technology. It will provide a live demonstration of the efficiencies provided by the core System 800xA engineering components, including Function Designer, Graphics Builder and Bulk Data Manager.

Session 3  •  2:30-3:30 p.m.
WSY-37  System 800xA Engineering with Function Designer
Robert Kanel, ABB
In this technical session, you will learn how System 800xA provides Function Designer - a unique graphical function design tool - to create and modify process functions. We will have a demonstration that shows how Function Designer can be used to create control logic diagrams and how to use these logic diagrams throughout the engineering lifecycle.

Session 4  •  4:00-5:00 p.m.
WSY-33  System 800xA Control Loop Configuration Example including Asset Management
Kim Fenrich, ABB
System 800xA extends beyond the reach of traditional control systems, providing an integrated control environment that offers unparalleled connectivity. This technical session will provide a demonstration that shows how to take full advantage of System 800xA’s device management and asset optimization features, including CMMS (Computerized Maintenance Management System) integration.

sponsored by:

IBM is a registered trademark of International Business Machines Corporation

Speaker names subject to change
Wednesday, March 21

Session 5 • 8:00-9:00 a.m.
WSY-36 System 800xA Engineering with Bulk Tools
Robert Kanel, ABB
This technical workshop will give you a demonstration of System 800xA bulk configuration tools. In addition, it will discuss the many ways bulk tools can be applied to save you time and reduce human introduced errors.

Session 6 • 9:30-10:30 a.m.
WSY-07 Engineering Using New High Level Libraries
Robert Kanel, ABB
This session will help you understand the benefits of using the ABB Process Control Device Library. See how higher level devices are made available in the system for easy graphical development and logic configuration, complete with built-in priority commands and interlocks.

Session 7 • 11:00 a.m. - 12:00 p.m.
WSY-45 System 800xA Reporting Options
Per Lundmark, ABB
This technical session provides a System 800xA demonstration that walks through the whole process of creating a report and then scheduling it. In addition, this session will discuss the different options for report scheduling, report distribution and report lifecycle management.

Session 8 • 1:30-2:30 p.m.
WSY-34 System 800xA Engineering Integration with SmartPlant Instrumentation
Rich Leskovec, ABB
This presentation illustrates the benefits of integrating SmartPlant Instrumentation (SPI). Opportunities to improve operational performance occur early in the design phase when design information is entered into an engineering database. The ability to reuse this crucial information when configuring the control system reduces costs and streamlines the engineering workflow. Additionally, keeping your control system synchronized with SPI and utilizing SPI documentation within System 800xA adds more value. This technical session demonstrates System 800xA’s easy-to-use interface with SPI and shows how data is transferred and updated. In addition, it shows how documentation from SPI is integrated into the 800xA System.

Session 9 • 3:00-4:00 p.m.
WSY-43 System 800xA Integrated Documentation
Per Lundmark, ABB
This technical session will show you how much time you would save if all the reference material needed for your daily activities with System 800xA was integrated and available on-line. We will use a demonstration to illustrate how easy it is to integrate documents and reference material into System 800xA. In addition, the demo will show how dynamic documents can be created and can display current System 800xA data integrated with other content. Anyone can easily take advantage of this time saving capability, making this workshop a must for all System 800xA users.

Register Today!
www.abb.com/automationworld

Thursday, March 22

Session 11 • 9:30-10:30 a.m.
WSY-04 Component Monitoring and SMS Intelligent Notification
Boris Kramer, ABB
Be alerted through Component Monitoring & SMS Intelligent Notification. This workshop will introduce you to the benefits of Component Monitoring and provide a demonstration of SMS Intelligent Notification. We’ll show you how “time to action” may be reduced by notifying the right person, no matter the place and no matter the time. We will see how simple it is to add Component Monitoring and SMS Intelligent Notification to your 800xA system for positive results.

Session 12 • 11:00 a.m. - 12:00 p.m.
WSY-31 System 800xA Batch Procedure Development
Joachim Ruhe, ABB
At this technical session, you will learn how an integrated batch package can make your life easier. We will provide a demonstration that shows how batch procedure development is done through a simplified configuration process in System 800xA. This demo highlights the value of an integrated package with examples concerning operator interaction, equipment selection, data collection, reporting options, material management, and other lifecycle activities.

Session 14 • 3:00-4:00 p.m.
WSY-46 System 800xA Security Configuration
Rich Leskovec, ABB
This System 800xA technical session will teach you how to add a new user, and then define that user’s roles, permissions, access, and views. This determines what the user can see and do in his customized “workplace.” For those interested in the flexibility and capabilities of the System 800xA user environment, this session is a must.

Speaker names subject to change
System 800xA Fieldbus, Networking and Administration

**Tuesday, March 20**

**Session 1 • 10:30-11:30 a.m.**
**WSY-44 System 800xA Introduction and Update**
Roy Tanner, ABB

This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

**Session 2 • 1:00-2:00 p.m.**
**WSY-30 System 800xA Architecture**
Mike Heathman, ABB

This workshop will introduce you to ABB’s System 800xA Extended Automation System architecture. This overview presentation covers the basics of System 800xA, including hardware, software and options, which extend beyond that of other control systems. This workshop sets the stage for many subsequent sessions and shouldn’t be missed. We will supply examples of system architectures diagramming System 800xA connected to various ABB and third party controllers.

**Session 3 • 2:30-3:30 p.m.**
**WIA-04 HART Technology Update: What’s New?**
Ed Ladd, Hart Communications Foundation

HART is the number one communications protocol in the process automation industries. The HART Technology has over 20 million devices installed from hundreds of manufacturers all interoperating and working together to improve your plants operation. How can it be any better? (More devices, more systems, enhanced functionality and wireless HART) During this session you will be informed of the recent improvements for integrating HART into your automation system and direction of future enhancements to the HART Technology.

**Session 4 • 4:00-5:00 p.m.**
**WSY-12 FOUNDATION Fieldbus Update**
Dave Glanzer, Fieldbus Foundation

In this workshop the presenter will describe what’s new with FOUNDATION Fieldbus. Expanded capabilities, optimized H1 fieldbus, new collaborative developments supporting OPC United Architecture (OPC UA) and high speed Ethernet (HSE) will be discussed, as will support for Safety Instrumented Systems (SIS), investigation of wireless technologies, development of requirements for HSE Remote I/O devices and extension of Electronic Device Descriptions Language (EDDL). This workshop includes approximately 45 minutes of lecture and approximately 10 minutes of Q&A. Anyone working with FOUNDATION Fieldbus or budgeting for fieldbus-related projects, including system engineers, plant operators, system integrators and plant managers can benefit from attending this workshop.

**sponsored by:**

IBM

IBM is a registered trademark of International Business Machines Corporation

Speaker names subject to change
Wednesday, March 21

Session 5  •  8:00-9:00 a.m.
WSY-01 Advanced Online Physical Layer Dignostics
Michael I. McElroy, Pepperl+Fuchs, Inc.
Bernd Schuessler, Pepperl+Fuchs, Inc.

This session will cover the range of benefits provided by the latest generation of physical layer diagnostics for FOUNDATION Fieldbus and Profibus PA networks. The advanced online physical layer diagnostic module monitors the communication, cable infrastructure, fieldbus power supplies, terminators, devices and protection electronics. These advanced fieldbus diagnostic features add to the enhanced diagnostics of the ABB System 800xA to reduce CAPEX and OPEX when used across the project lifecycle.

Session 6  •  9:30-10:30 a.m.
WSY-47 Understanding the OPC Unified Architecture
OPC Foundation Representative, OPC Foundation

The focus of this presentation is to provide you with an overview of the OPC Unified Architecture specification. The OPC Unified Architecture provides a foundation of base service developed as web services providing architecture for secure, reliable interoperability for the transportation of data/information across the automation and enterprise hemisphere. The OPC Unified Architecture is the wave of the future, bringing together the existing technology developed over the last ten years to an integrated platform based on web services.

Session 7  •  11:00 a.m. - 12:00 p.m.
ISA-01 Ethernet on the Factory Floor: Who Would Have Guessed?
Wayne Manges

Many thought that Ethernet would never get to the plant floor because of its lack of determinism. This session will discuss how Ethernet technology not only overcame the original limitations but how it threatens to dominate all communications infrastructures from critical sensors on the plant floor to re-runs of Friends on your cell phone. Included are issues associated with design and deployment and how TCP/IP and Ethernet have opened up new opportunities with a revolution in open interface standards.

Session 8  •  1:30-2:30 p.m.
WSY-19 Industrial Ethernet: Resiliency and Security
Jeff Cody, Hirschmann

With an ever-increasing implementation of Ethernet in industrial applications, little to no thought is ever given as to the very real and ever present threats that are present. The presentation will discuss the areas that need to be protected, the external (viruses, worms, Trojans, phishing, denial of service, etc.) and internal threats (unauthorized access, unproven software/patches, wireless) and the countermeasures you should be aware of (routers, firewalls and general common sense).

Session 9  •  3:00-4:00 p.m.
WSY-50 Westermo Reliable Industrial Data Communications with the ABB AC800M Processor and the Compact HMI 800 Operator Interface
Trond Grendar, Westermo Inc.
Robert Gross, Cross Automation
David Jensen, Streamline Automation

This workshop takes you through a couple successful applications of ABB’s processors and Westermo’s reliable industrial data communications equipment. Applications discussed will include wireless 2.4 GHz WiFi communications to ABB’s remote Profibus S500 I/O, processor to processor communications over a 900 Mhz based system and redundant ring transmission of Ethernet barbed wire (SHDSL technology). There will be a demo of remote programming and monitoring using the new Westermo ED-200 series products with the ABB System 800xA AC800M Controller and the Compact HMI 800, while using the new Compact Control Builder SV5 software along with GSM (cellular) alarming. Application notes, data sheets and programming hints of class examples will be distributed.

Wednesday, March 21 (con’t.)

Session 10  •  4:30-5:30 p.m.
ISA-06 Cyber Security: What Can Be Done in Your Plant!
Wayne Manges

Will the Department of Homeland Security dictate new standards for protecting automation systems for critical infrastructure facilities? New government facilities are opening to test candidate systems to determine their resistance to cyber-attacks. This session will discuss the issues involved and how companies and individuals can do their part to protect the facilities using cost effective, proven approaches without losing sight of the overall goals. Details included prevention, mitigation, and recovery approaches.

Session 11  •  9:30-10:30 a.m.
WSY-04 Component Monitoring and SMS Intelligent Notification
Boris Kramer, ABB

Be alerted through Component Monitoring & SMS Intelligent Notification. This workshop will introduce you to the benefits of Component Monitoring and provide a demonstration of SMS Intelligent Notification. We’ll show you how “time to action” may be reduced by notifying the right person, no matter the place and no matter the time. We will see how simple it is to add Component Monitoring and SMS Intelligent Notification to your 800xA system for positive results.

Session 12  •  11:00 a.m. - 12:00 p.m.
WSY-28 Securing Your Control System
Kim Fenrich, ABB

Assuring the safety and viability of your control system network requires a comprehensive security strategy based on best practices. This workshop will share approaches to control system network security and commonly known best practices. We will also discuss the dynamic conditions surrounding the implementation of security measures. In addition, ABB’s security programs, initiatives and security capabilities will be discussed.

Session 13  •  1:30-2:30 p.m.
WSE-17 Security Validation Services
David Macy, ABB

Due to an increasing level of malicious activity and a heightened regulatory environment, development and application of security policies for your process control systems is no longer optional. When applying security policies to your ABB process control systems, it is important to verify compatibility with the functionality of the systems. ABB Service has the expertise to test and apply your security policies to your ABB systems and products. A partnership with ABB provides access to ABB’s significant product knowledge. This can simplify the process of determining what changes may affect system functionality. The validation service delivers a robust offering, which provides auditing, testing, remedial actions and compliance maintenance activities.

Session 14  •  3:00-4:00 p.m.
CCH-01 The Cyber Onion: A Dow Chemical Company Case Study
Randy Woods, The Dow Chemical Company
Robert Browning, The Dow Chemical Company

How do you protect the most valuable and sometimes most vulnerable asset in a production unit? We will peel the layers and show that there is much more to security than just having passwords. This presentation will cover sometimes-overlooked areas of protection and provide some ideas on how you may want to protect your assets. Types of threats, protection zones, risk reduction, physical security, natural and other disaster avoidance measures as well as management process will be discussed.

Speaker names subject to change
System 800xA Operations

Tuesday, March 20

Session 1  •  10:30-11:30 a.m.
WSY-44 System 800xA Introduction and Update
Roy Tanner, ABB

This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

Session 2  •  1:00-2:00 p.m.
WSY-30 System 800xA Architecture
Mike Heatherman, ABB

This workshop will introduce you to ABB’s System 800xA Extended Automation System architecture. This overview presentation covers the basics of System 800xA, including hardware, software and options, which extend beyond that of other control systems. This workshop sets the stage for many subsequent sessions and shouldn’t be missed. We will supply examples of system architectures diagramming System 800xA connected to various ABB and third party controllers.

Session 3  •  2:30-3:30 p.m.
WSY-27 Reducing Time to Decision and Action with System 800xA
Roy Tanner, ABB

By attending this workshop, you will learn how System 800xA can help reduce the time it takes for operations, maintenance and engineering personnel to make the right decisions and take the correct action. Reducing time to decision saves money, decreases waste of resources and increases uptime and MTBF (Mean Time Between Failures). Through features like personalized workplaces, intuitive navigation, integrating and filtering information, and notification techniques like SMS messaging, plant personnel can be notified and given current, relevant information. Real-life customer applications will be shared.

Wednesday, March 21

Session 5  •  8:00-9:00 a.m.
WSY-24 Overview and Comparison of the Fieldbuses: HART, PROFIBUS, and FOUNDATION
ABB

This session will kick off the Asset Optimization and Device Management track, and will offer you a discussion and overview of the concepts behind the three fieldbus technologies (HART, PROFIBUS and FOUNDATION Fieldbus). We will compare the different architectures, integration components and various strengths provided by the three technologies. This introduction will set the stage for the subsequent sessions titled “Understanding HART,” “Understanding PROFIBUS,” and “Understanding FF.”
**Wednesday, March 21 (con’t.)**

**Session 6 • 9:30-10:30 a.m.**
WSY-23 Optimizing Plant Asset Availability and Performance with System 800xA  
Roy Tanner, ABB

This session will show you how the right asset optimization strategy can increase your productivity and uptime, while reducing yearly maintenance costs. You will learn how features of System 800xA aid implementation and enable users to sustain a condition-based maintenance strategy through field devices, control system infrastructure, key performance indicators and plant entity monitoring. Also, customer examples of these applications will be presented.

**Session 8 • 1:30-2:30 p.m.**  
WSE-15 Reliability Integrated Solution: Delivering Predictable Results by Integrating Technologies  
Gordon Cheever, ABB

ABB’s Reliability Integrated Solution combines our advanced software technologies with our maintenance management expertise to collaborate with your site’s maintenance team to deliver consistent results. Technological solutions alone have proven ineffective to obtain sustainable results from current market asset management systems. You will see and discuss how to combine the technologies with your work processes to drive change in your maintenance operations. ABB’s experience in managing over 150 maintenance departments under our Full Service programs combined with our broad asset and process knowledge will work to drive change and achieve results for your asset management programs.

**Session 9 • 3:00-4:00 p.m.**  
ISA-03 Introduction to Applying the Batch Control Standard ANSI/ISA 88.01  
Dennis Brandl, BR&L Consulting, Inc.

This session offers an overview of the ANSI/ISA 88 Batch Control standard, the most widely used standard for recipe control and equipment control in the process industries. The standard provides standard terminology that is currently used by all control vendors and most end-users. It provides a model that reduces implement time and costs for batch and non-batch control system projects and has a proven track record of successful implementations.

**Session 10 • 4:30-5:30 p.m.**  
Samuel Recine, Matrox Graphics Inc.

Recent advances in multi-display graphics hardware and software have introduced new possibilities for the customization of operations in the control rooms of today and of the future. Matrox offers multi-display add-in cards, remote graphics units, graphics expansion modules, and display wall controller products. This session will cover how these technologies can be tied together to achieve: a reduction in the use of expensive collaborative display technology and cabling, a decrease in noise and temperature levels in control rooms, an increase in the scalability and flexibility of operator station layouts, and greater responsiveness to operator console systems while reducing disruptions.

Register Today!  
www.abb.com/automationworld

---

**Thursday, March 22**

**Session 11 • 9:30-10:30 a.m.**  
WSY-17 Improving Batch Production, Profitability, Consistency and Traceability with System 800xA  
Joachim Ruhe, ABB

By attending this workshop, you will learn how System 800xA’s Production Management can improve batch operations, material management and reporting, while facilitating validation efforts for compliance to FDA regulations. This workshop will highlight how customers are implementing these features of System 800xA to reach their overall batch production goals of improved quality, consistency and traceability.

**Session 12 • 11:00 a.m. - 12:00 p.m.**  
WSY-28 Securing Your Control System  
Kim Fenrich, ABB

Assuring the safety and viability of your control system network requires a comprehensive security strategy based on best practices. This workshop will share approaches to control system network security and commonly known best practices. We will also discuss the dynamic conditions surrounding the implementation of security measures. In addition, ABB’s security programs, initiatives and security capabilities will be discussed.

**Session 13 • 1:30-2:30 p.m.**  
WSY-18 Improving Visibility Through Integrated Information Management  
James Kline, ABB

At this session, you will learn how you can improve visibility into your facility’s performance through System 800xA’s integrated Information Management capabilities. Getting the right information to the right people who can make the right business decisions can greatly improve profitability and reduce waste. The workshop will focus on reporting, tips, techniques and options and utilize customer use cases to illustrate different options available with system 800xA.

**Session 14 • 3:00-4:00 p.m.**  
WSY-15 Getting the Full View with the Operator in Focus  
Per Lundmark, ABB

This workshop focuses on how you can better adapt the operator environment for a more productive, secure operation. The amount of available information is steadily growing. As a result, it is time to put the operator in focus by stressing ergonomics and how information is filtered and presented. We will demonstrate/explain how the latest released functions and features of System 800xA Operations and the Extended Operator Workplace enable users to perform operating tasks more quickly, saving time and money.

**Session 15 • 4:30-5:30 p.m.**  
WSY-32 System 800xA CMMS Integration  
Boris Kramer, ABB

This workshop discusses integration of Plant Management into your 800xA System, including the advantages and benefits of integrating your Computerized Maintenance Management System (CMMS) with System 800xA. We will show you the operational and financial benefits through a short demo that will include submitting work orders and querying the CMMS from the context of a production asset.
Session 1 • 10:30-11:30 a.m.
WSY-44 System 800xA Introduction and Update
Roy Tanner, ABB
This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

Session 2 • 1:00-2:00 p.m.
WSY-30 System 800xA Architecture
Mike Heatherman, ABB
This workshop will introduce you to ABB’s System 800xA Extended Automation System architecture. This overview presentation covers the basics of System 800xA, including hardware, software and options, which extend beyond that of other control systems. This workshop sets the stage for many subsequent sessions and shouldn’t be missed. We will supply examples of system architectures diagramming System 800xA connected to various ABB and third party controllers.

Session 3 • 2:30-3:30 p.m.
WSY-27 Reducing Time to Decision and Action with System 800xA
Roy Tanner, ABB
By attending this workshop, you will learn how System 800xA can help reduce the time it takes for operations, maintenance and engineering personnel to make the right decisions and take the correct action. Reducing time to decision saves money, decreases waste of resources and increases uptime and MTBF (Mean Time Between Failures). Through features like personalized workplaces, intuitive navigation, integrating and filtering information, and notification techniques like SMS messaging, plant personnel can be notified and given current, relevant information. Real-life customer applications will be shared.

Session 4 • 4:00-5:00 p.m.
WSY-06 Engineering for Maximum Performance with System 800xA
Per Lundmark, ABB
At this demonstration, you will learn how System 800xA’s integrated engineering environment helps reduce overall engineering costs and improve operational performance. The primary focus for this workshop will be on engineering features that streamline the engineering workflow, enable efficient reuse of best practice solutions and facilitate continuous improvement. We will demonstrate/explain how the latest released functions and features of System 800xA enable users to perform engineering tasks more quickly, saving time and money.

sponsored by:
IBM
Wednesday, March 21

Session 5 • 8:00-9:00 a.m.  
WSY-24 Overview and Comparison of the Fieldbuses:  
HART, PROFIBUS, and FOUNDATION  
ABB

This session will kick off the Asset Optimization and Device Management track, and will offer you a discussion and overview of the concepts behind the three fieldbus technologies (HART, PROFIBUS and FOUNDATION Fieldbus). We will compare the different architectures, integration components and various strengths provided by the three technologies. This introduction will set the stage for the subsequent sessions titled “Understanding HART,” “Understanding PROFIBUS,” and “Understanding FF.”

Session 6 • 9:30-10:30 a.m.  
WSY-23 Optimizing Plant Asset Availability and Performance with System 800xA  
Roy Tanner, ABB

This session will show you how the right asset optimization strategy can increase your productivity and uptime, while reducing yearly maintenance costs. You will learn how features of System 800xA aid implementation and enable users to sustain a condition-based maintenance strategy through field devices, control system infrastructure, key performance indicators and plant entity monitoring. Also, customer examples of these applications will be presented.

Session 7 • 11:00 a.m. - 12:00 p.m.  
WSE-07 Keys to Effectively Deploying a Reliability Centered Maintenance Strategy  
Ray Oliversen, ABB

This presentation will explore the key elements required to effectively deploy a reliability centered maintenance (RCM) strategy that supports your operational excellence goals and improves overall financial performance. Run-to-failure (RTF), preventive maintenance (PM) predictive maintenance (PdM) and condition-based maintenance (CBM) are all common maintenance practices deployed by industry today. Rarely does a facility follow a single maintenance approach; historically, a blend of both run-to-failure and preventive maintenance tactics has been used. The challenge is to develop a balanced strategy that ensures an asset’s performance, availability and life at the lowest cost. A reliability centered maintenance strategy provides this balance.

Session 8 • 1:30-2:30 p.m.  
WSE-15 Reliability Integrated Solution:  
Delivering Predictable Results by Integrating Technologies  
Gordon Cheever, ABB

ABB’s Reliability Integrated Solution combines our advanced software technologies with our maintenance management expertise to collaborate with your site’s maintenance team to deliver consistent results. Technological solutions alone are proven ineffective to obtain sustainable results from current market asset management systems. You will see and discuss how to combine the technologies with your work processes to drive change in your maintenance operations. ABB’s experience in managing over 150 maintenance departments under our Full Service programs combined with our broad asset and process knowledge will work to drive change and achieve results for your asset management programs.

Session 9 • 3:00-4:00 p.m.  
ISA-03 Introduction to Applying the Batch Control Standard ANSI/ISA 88.01  
Dennis Brandl, BR&L Consulting, Inc.

This session offers an overview of the ANSI/ISA 88 Batch Control standard, the most widely used standard for recipe control and equipment control in the process industries. The standard provides standard terminology that is currently used by all control vendors and most end-users. It provides a model that reduces implement time and costs for batch and non-batch control system projects and has a proven track record of successful implementations.

Thursday, March 22

Session 10 • 4:30-5:30 p.m.  
WSY-26 Reducing Risk with System 800xA High Integrity SIS While Optimizing Lifecycle Activities  
Roy Tanner, ABB

At this presentation, you will learn how System 800xA can reduce risk to the environment, business, and people through its TÜV certified “High Integrity” Safety Instrumented System (SIS). We will talk about additional capabilities and offerings, including safety instrumentation, partial stroke testing and packaged engineering services that can help you throughout the entire lifecycle. Also, we will demonstrate how System 800xA reduces risk while optimizing lifecycle activities.

Session 11 • 9:30-10:30 a.m.  
WSY-17 Improving Batch Production, Profitability, Consistency and Traceability with System 800xA  
Joachim Ruhe, ABB

By attending this workshop, you will learn how System 800xA’s Production Management can improve batch operations, material management and reporting, while facilitating validation efforts for compliance to FDA regulations. This workshop will highlight how customers are implementing these features of System 800xA to reach their overall batch production goals of improved quality, consistency and traceability.

Session 12 • 11:00 a.m. - 12:00 p.m.  
WSY-28 Securing Your Control System  
Kim Fenrich, ABB

Assuring the safety and viability of your control system network requires a comprehensive security strategy based on best practices. This workshop will share approaches to control system network security and commonly known best practices. We will also discuss the dynamic conditions surrounding the implementation of security measures. In addition, ABB’s security programs, initiatives and security capabilities will be discussed.

Session 13 • 1:30-2:30 p.m.  
WSY-18 Improving Visibility Through Integrated Information Management  
James Kline, ABB

At this session, you will learn how you can improve visibility into your facility’s performance through System 800xA’s integrated Information Management capabilities. Getting the right information to the right people who can make the right business decisions can greatly improve profitability and reduce waste. The workshop will focus on reporting, tips, techniques and options and utilize customer use cases to illustrate different options available with System 800xA.

Session 14 • 3:00-4:00 p.m.  
WSY-15 Getting the Full View with the Operator in Focus  
Per Lundmark, ABB

This workshop focuses on how you can better adapt the operator environment for a more productive, secure operation. The amount of available information is steadily growing. As a result, it is time to put the operator in focus by stressing ergonomics and how information is filtered and presented. We will demonstrate/explain how the latest releases of features and functions of System 800xA Operations and the Extended Operator Workplace enable users to perform operating tasks more quickly, saving time and money.

Session 15 • 4:30-5:30 p.m.  
CMM-01 Collaboration for Maximum Value;  
A Real Project Example  
Chris Gordon, Inco and Klaus Kacy, ABB

The presentation will deal with two recent mine hoist project upgrades at Inco Sudbury operations. The projects proceeded very well based on the joint involvement from ABB and the customer. It proceeded ahead of schedule and exceeded the expectations of the customer. In the case of one project, the ABB modified the duty cycle of the equipment, which increased plant production by 18%. This was not in the scope of the project. Inco Sr. Management have been very grateful to ABB for going outside the scope of the project to lower the stress on their installed asset at the same time as increasing production. In the words of the Sr. VP, “now this is value from a supplier!”
System 800xA Productivity Improvements

Tuesday, March 20

Session 1  •  10:30-11:30 a.m.
WSY-44 System 800xA Introduction and Update
Roy Tanner, ABB
This training session will introduce the System 800xA Extended Automation System 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 session sets the stage for many subsequent sessions and shouldn’t be missed.

Session 2  •  1:00-2:00 p.m.
WSY-02 Collaboration and Innovation: Beyond Traditional Operations Paradigms
Richard Hell, IBM
Collaboration in manufacturing is becoming increasingly important as a fundamental productivity tool in a rapidly changing, highly competitive world. The integration of real-time control system information with enterprise information, in real-time and near real-time, allows organizations to build meaningful contextual collaboration capabilities for production management. Critical event handling and maintenance optimization that go beyond traditional paradigms, which rely on human interaction, are also becoming a reality. This presentation will discuss the principles and approaches for leveraging service oriented architectures that enable concrete collaboration scenarios in the process and manufacturing domains, helping managers, supervisors and engineers make better and faster decisions based on “information on demand”.

Session 3  •  2:30-3:30 p.m.
WSY-09 Financial Performance from an Automation Perspective
Marc Leroux, ABB
A plant manager we interviewed said “If you can’t show me the results on a balance sheet, it didn’t happen.” This session will focus on showing how improvements in manufacturing can impact the financial statement. It will explain those improvements in terms that can be readily understood by financially focused managers.

Session 4  •  4:00-5:00 p.m.
WSY-33 System 800xA Control Loop Configuration Example including Asset Management
Kim Fenrich, ABB
System 800xA extends beyond the reach of traditional control systems, providing an integrated control environment that offers unparalleled connectivity. This technical session will provide a demonstration that shows how to take full advantage of System 800xA’s device management and asset optimization features, including CMMS (Computerized Maintenance Management System) integration.

IBM is a registered trademark of International Business Machines Corporation

Speaker names subject to change
Wednesday, March 21

Session 5 • 8:00-9:00 a.m.
ISA-02 Implementing Manufacturing Operations Management and Business Integration Using ISA-95
Dennis Brandl, BR&L Consulting, Inc.

This session covers practical implementations of Manufacturing Operations Management Systems, including Manufacturing Execution Systems (MES), and methods for integrating these systems into corporate business systems, using the models and methods from the ANSI/ISA-95 Enterprise/Control System Integration standards. The ANSI/ISA-95 standard provides a definition of the activities of MES and manufacturing operations, integration between the shop floor and business applications, and a formal definition of the information that must flow between those two realms.

Session 6 • 9:30-10:30 a.m.
WSY-23 Optimizing Plant Asset Availability and Performance with System 800xA
Roy Tanner, ABB

This session will show you how the right asset optimization strategy can increase your productivity and uptime, while reducing yearly maintenance costs. You will learn how features of System 800xA aid implementation and enable users to sustain a condition-based maintenance strategy through field devices, control system infrastructure, key performance indicators and plant entity monitoring. Also, customer examples of these applications will be presented.

Session 7 • 11:00 a.m. - 12:00 p.m.
WSE-07 Keys to Effectively Deploying a Reliability Centered Maintenance Strategy
Ray Oliversen, ABB

This presentation will show the key elements required to effectively deploy a reliability centered maintenance (RCM) strategy that supports your operational excellence goals and improves overall financial performance. Run-to-failure (RTF), preventive maintenance (PM) predictive maintenance (PoM) and condition-based maintenance (CBM) are all common maintenance practices deployed by industry today. Rarely does a facility follow a single maintenance approach; historically, a blend of both run-to-failure and preventive maintenance tactics has been used. The challenge is to develop a balanced strategy that ensures an asset's performance, availability and life at the lowest cost. A reliability centered maintenance strategy provides this balance.

Session 8 • 1:30-2:30 p.m.
WSE-15 Reliability Integrated Solution: Delivering Predictable Results by Integrating Technologies
Gordon Cheever, ABB

ABB’s Reliability Integrated Solution combines our advanced software technologies with our maintenance management expertise to collaborate with your site's maintenance team to deliver consistent results. Technological solutions alone have proven ineffective to obtain sustainable results from current market asset management systems. You will see and discuss how to combine the technologies with your work processes to drive change in your maintenance operations. ABB’s experience in managing over 150 maintenance departments under our Full Service programs combined with our broad asset and process knowledge will work to drive change and achieve results for your asset management programs.

Session 9 • 3:00-4:00 p.m.
ISA-03 Introduction to Applying the Batch Control Standard ANSI/ISA 88.01
Dennis Brandl, BR&L Consulting, Inc.

This session offers an overview of the ANSI/ISA 88 Batch Control standard, the most widely used standard for recipe control and equipment control in the process industries. The standard provides standard terminology that is currently used by all control vendors and most end-users. It provides a model that reduces implement time and costs for batch and non-batch control system projects and has a proven track record of successful implementations.

Session 10 • 4:30-5:30 p.m.
WSY-08 Enterprise Connectivity Solutions
Marc Leroux, ABB

One of the common questions that we hear is “Can you connect to SAP?” This session will focus on ABB’s Industrial IT Enterprise Connectivity, and show how ABB’s System 800xA platform can be easily connected to enterprise systems using various strategies such as Web Services, ODBC, or direct connections like SAP’s ALE approach. Industry standards such as ISA-95 and the strategies that companies like SAP have adopted will be discussed. This session will also explore some industry specific solutions that ABB provides for the Chemical, Pharmaceutical, Pulp and Paper and Metals and Minerals industries.

Thursday, March 22

Session 11 • 9:30-10:30 a.m.
WSY-03 Collaborative Production Management
Marc Leroux, ABB

For the past 20 years manufacturers have been trying to eliminate the “islands of information” that exist in a traditional facility. Today, a typical manufacturing facility has between 10 and 50 shop floor systems, ranging from traditional MES “track and trace” functions to LIMS, maintenance or attendance systems. This session will explore how ABB’s System 800xA, with its manufacturing extensions and integration capabilities, can help form a truly collaborative manufacturing facility.

Session 12 • 11:00 a.m. - 12:00 p.m.
CSY-13 SmartPlant for Operations & Maintenance: Integration to System 800xA
Justin J. Schmidt, Integraph

In this presentation, the speaker will discuss the benefits of Integraph’s SmartPlant for Operations & Maintenance solutions together with integration with ABB’s System 800xA. Learn how this collaboration can result in significant ROI gains in CAPEX projects or management of change issues in Brownfield operations, such as positively impacting your project schedules and reducing time to market. The integration of SmartPlant for Operations & Maintenance with the 800xA System also eliminates the need for significant amounts of data re-entry and conversion during a project’s information handover stages and ensures systems are continually synchronized with the most recent data throughout the plant life cycle.

Session 13 • 1:30-2:30 p.m.
WSY-18 Improving Visibility Through Integrated Information Management
James Kline, ABB

At this session, you will learn how you can improve visibility into your facility’s performance through System 800xA’s Integrated Information Management capabilities. Getting the right information to the right people can make the right business decisions can greatly improve profitability and reduce waste. The workshop will focus on reporting, tips, techniques and options and utilize customer use cases to illustrate different options available with system 800xA.

Session 14 • 3:00-4:00 p.m.
WSY-15 Getting the Full View with the Operator in Focus
Per Lundmark, ABB

This workshop focuses on how you can better adapt the operator environment for a more productive, secure operation. The amount of available information is steadily growing. As a result, it is time to put the operator in focus by stressing ergonomics and how information is filtered and presented. We will demonstrate/explain how the latest released functions and features of System 800xA Operations and the Extended Operator Workplace enable users to perform operating tasks more quickly, saving time and money.

Session 15 • 4:30-5:30 p.m.
WSY-32 System 800xA CMMS Integration
Boris Kramer, ABB

This workshop discusses integration of Plant Management into your 800xA System, including the advantages and benefits of integrating your Computerized Maintenance Management System (CMMS) with System 800xA. We will show you the operational and financial benefits through a short demo that will include submitting work orders and querying the CMMS from the context of a production asset.