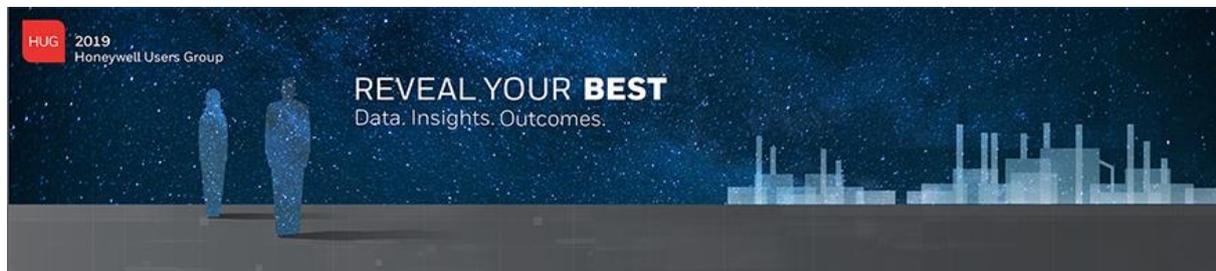


# Honeywell Users Group EMEA 2019, September 23-26, The Hague World Forum, The Netherlands

## Workshops and Training overview



In parallel to the below there are often more sessions of interest to attend, we recommend you to use the HUG conference app to plan your day to day schedule, as soon as the HUG app becomes available. During your on-line Users Group registration, you will be requested to indicate your preferences:

### Monday September 23, starting at 08h30:

#### **Training: Fundamentals of Cybersecurity in Safeguarding the Industrial Control System Environment**

Recent research suggests that industrial facilities are not implementing readily available ICS security best practices, resulting in half of those surveyed experiencing a cyber security breach (LNS Research, 2017). Whether people, process or technology changes, there are steps you can take to build resilience and reduce risk. By aligning your organization to maturity levels, you can continually improve cyber resilience. This training starts with the basics of industrial cybersecurity, for novices interested in the fundamental approaches, tasks, and technologies to implement risk reduction across process control networks. Duration: 2 hours.

#### **Slick Tricks for Honeywell Trace R130**

The session that shares practical use cases of how users (like you) take advantage of Trace daily snapshots, user interface, navigation and tools to improve productivity and reduce manual activities - transforming the way you work! It's more than just good ideas. It's Slick: Because It's cool and useful . . . And it's a Trick: Because you might not have thought of it! Duration 1 hour.

#### **Migration Planning Best Practices**

Several factors determine the optimal migration path for a phased migration approach. On Process Migration, Platform Options, Virtualization, and Network Infrastructure best practices will be discussed for TPS to Experion Migration, C200 Upgrades, and Experion release upgrades. Duration: 1 hour.

#### **How Honeywell's new Safety Manager SC Platform fulfills Safety needs in Various Fields of Applications**

Honeywell now offers a next-generation version of its proven in use safety solution, Safety Manager SC, designed to handle the most demanding Safety Instrumented System (SIS) applications.

A growing number of industrial organizations are realizing the advantages of standardizing on a single safety system architecture and applying it in diverse applications across their plant or enterprise. They are also benefiting from integrated safety and distributed control solutions, and the simplicity of partnering with one supplier for all their needs.

In this workshop plant managers, safety professionals, project and maintenance engineers will learn about typical and non-typical fields of application of Safety Manager SC

We will discuss various use case scenario's including:

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- Typical practical examples of safety applications you would not have thought of.
- Specific benefits of using universal safety channel technology
- Small to large applications
- Ease of use including simplified maintenance and spare parts management
- Outdoor solutions
- Distributed and centralized solutions
- And many other..

Duration: 2 hours.

## **DynAMo Alarm Management 'Live'**

If you're new to alarm management or have recently purchased or deployed Honeywell's DynAMo® Alarm Management Metrics & Reporting software, or simply need a refresh on some of the latest features and functions, then join this workshop delivered by Honeywell's Product Management team to walk through a live demonstration of Metrics & Reporting R200. See what each of the reports do, the problems they solve, and the order you should approach them to get the best return on your investment. Duration; 2 hours

## **Monday Starting at 11h00:**

### **Decoding the Latest ICS Cybersecurity Attacks**

The process industries have always been prime targets to the hackers and 2018 was no different. Cybersecurity is grabbing a lot of attention, be it at a plant level or at an enterprise level. But to overcome this problem we must do more. From malware-based attacks to DDOS, in this workshop the presenters would take the attendees through some of the recent ICS cybersecurity attacks and will also share findings, insights and lessons learnt that we can take into consideration to stay ahead of advanced cybersecurity threats. Duration: 2 hours.

### **Training: Fault Tolerant Ethernet (FTE) Network Best Practices for Experion and Experion LCN Virtual Deployments**

FTE is used throughout the Experion infrastructure. Virtualization and Modernization products such as ELCN and EUCN require careful planning to ensure success. In this workshop, we'll kick things off with an overview of the Experion network architecture, then explore the network implication for TPN to ELCN migrations. We'll address top-of-rack VLAN aggregation, and virtual server configuration for secure VLAN deployment, too. Perfect for the team looking to address migration and security. Duration: 2 hours.

### **Seamlessly Connecting the Process Safety Lifecycle Inside One System**

Today the key information for the Process Safety Lifecycle is handled through many manual steps. Automating the Process Safety Lifecycle helps reduce errors, lower costs, monitor operations for hazard conditions continuously and provide safety alerts in a timely fashion.

Using Honeywell's latest software offering, experts are able to carry out analyses such as Process Hazard Analysis (PHA), Layer of Protection Analysis (LOPA), Safety Requirement Specification (SRS), and Safety Integrity Level (SIL) calculations and classifications more effectively. The software also enables the monitoring of process conditions and compares actual performance with operational parameters under pre-defined hazard conditions with regular updates from the plant historian.

In this workshop, we will discuss the current solutions in this space and jointly identify areas for improvement of the Safety Lifecycle. We will then demonstrate how the Process Safety Suite from Honeywell addresses these issues resulting in an improvement in process safety. Duration: 2 hours.

### **Uniformance® PHD and Insight Migration – What's in it for me?**

This workshop will help you understand the benefits of the new releases of Uniformance PHD and Insight, and justify an upgrade. We will cover the new features of PHD R400 including high availability options, performance enhancements and long tag name support. We will explain the new PHD redundancy options that eliminate single points of failure and ensure current data is available 24x7. We'll talk about how it works, how it is configured, and how users and applications take advantage of it. We will also cover Uniformance Insight R210, highlighting its new navigation portal and integration with the asset model. Finally, we will include best practices and key elements to consider when crafting migration plans for your organization. Duration; 1 hour

### **Connected Field Operations for Improved Decision Making and Execution**

Field Competency and Intelligence through:

- Automated and on-the-go recording, storage and viewing of video procedures

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- Expert on Call – connected video sharing during Operations and Maintenance
- Connected Field Operations and Maintenance Rounds
- Intrinsically Safe Integrated Hands-free Hardware
- A close up look to what's new including hands-on demonstrations

In this workshop plant managers, safety leaders, operations leaders and project and maintenance engineers will learn about hazardous area field applications and digitization processes through standard solutions that are creating a new wave of field orchestration. Duration: 1 hour.

## **Beyond APC: Gate to Gate Optimization with Profit Executive**

This workshop will introduce the technology concepts behind Honeywell's latest addition to the Advance Process Control portfolio, Profit Executive. Additionally, attendees will see firsthand how this technology may be applied to industrial processes in order to uncover additional benefits that have traditionally been lost between the planning and control functions. Duration: 2 hours

### **Starting at 12.00:**

#### **Improving Paper Machine Production Performance and QCS Reliability with Virtualization**

"Microsoft's 2020 end of support for key operating systems impacts many customers and increase the urgency of migrating to a sustainable platform and then keeping current/cyber secure. Virtualization enables a rapid migration strategy and a greatly simplified approach to keeping systems updated. Rapid skills loss due to retirements challenges the ability to keep control systems tuned. QCS 4.0 and Remote Expert-Guided Optimization enable producers to maintain peak process performance.

### **Monday Starting at 13h00:**

#### **Penetration Testing: From an Attacker's Perspective - Do You Have Hidden Vulnerabilities in Your ICS Environment?**

With an ever-changing threats dynamics, keeping ICS environments cyber secure has become crucial more than ever before. Adversaries are using advanced pivoting, lateral movement, credential theft, and user hijacking techniques which can often go undetected by a traditional vulnerability assessment. Penetration testing is exercise to assess the organization's security posture from the perspective of a sophisticated threat-actor on both Enterprise and Industrial environments. While important, there are several challenges when performing a penetration test on industrial control networks. Scoping critical networks, controlling techniques used, and ensuring aligned objectives are all focal points of an Industrial Control penetration test. Duration: 2 hours.

#### **Training: Virtual Experion LCN Appliance Deployment**

New Experion LCN Virtual Appliances were recently released. Deployment scenarios the include the virtual ENIM, AM, AM-R and EHB will be discussed. We'll start at the beginning and outline migration requirements, planning and preparation steps. We'll explore virtualization options and benefits, as well as cover the procedure for On-Process migration for ELCN using ELCN bridge. Duration: 2 hours.

#### **ControlEdge PLC Ethernet/IP Support and Platform Update**

ControlEdge PLC supports a variety of communication protocols. With our latest release, we've added Ethernet/IP™ connectivity. Ethernet/IP enables ControlEdge PLC to easily integrate with other PLCs, drives, and compatible devices. Join this workshop to learn about Ethernet/IP support, see a live demonstration and get a quick review of the latest developments with ControlEdge PLC. Duration: 2 hours.

#### **Field to Cloud Multi-Vendor OPC UA Connectivity**

Points Covered:

- briefly touch on overall OPC UA trends and how they fit in with broader IIoT topics
- specific issues industry is facing: legacy system ROI preservation, new system component integration, strengthening security, data to cloud (IIoT), scalability, etc.

Products/Concepts referenced:

- Matrikon: Dispatch™ (Being launched around this time) , FLEX™, OPC UA Tunneller™
- Honeywell Control Edge (since it is OPC UA enabled and implements the MDIS companion specification!)
- reinforce overall HCE focus from a bottom-up perspective (i.e. data connectivity is a foundational part of the overall HCE offering(s). The 'single pane of glass' using a 'unified approach to data connectivity'...)

Duration: 2 hours.

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**WEDNESDAY September 25, start at 15h30**

## **Workshop: Cyber-physical Approaches for Managing EHS Risk in a Digitally Disrupted Era**

Organizations around the world must balance multiple competing priorities: managing ever-changing customer demands; rapidly transformative technologies; the need for increased operational efficiencies; and increasingly stringent regulatory requirements. At the same time, they must ensure a safe work environment. U.S. businesses spend more than US\$170 billion per year on costs related to occupational injury and illness that eat away at corporate earnings. Whether a plant, factory or refinery is looking to streamline decrease incident rates, improve defect tracking, permit management, or achieve any other quality or EHS goal, Honeywell's software solutions enables industry to achieve its objectives.

In this workshop, we will discuss:

- current business and regulatory trends and drivers in industry,
- how an EHS platform can streamline operations
- case studies of customers who have ensured consistent compliance with regulations and standards, managed incidents and near misses across job sites, and analyzed trends to improve performance.

Duration: 2 hours.

**THURSDAY September 26, start at 13h00:**

## **Training: Advanced Cybersecurity Strategies in Safeguarding the Industrial Control System**

Leading organizations in the industrial sector have gone beyond security fundamentals to greatly improve how they manage and measure cybersecurity risk reduction. Their established security programs have defined people, process and technologies that work toward measurable outcomes. In this session, learn about the advanced techniques and methods used by Honeywell and benchmarked companies to reduce cybersecurity risk. Duration; 2 hours

## **Optimizing Operational Design during Migrations Using Experion LCN, OpenVEP, and UniSim**

This workshop will discuss the use of the ELCN Virtual infrastructure combined with UniSim and OpenVEP to enable efficient graphics migration, acceptance, and training. Duration: 1 hour

**Experion Slick Tricks** Learn about functionality in Experion that you didn't even know was there! Learn it today; use it next Monday.

## **Deploying a Multiprotocol, Multiapplication OneWireless Network**

Relative to traditional wiring, industrial wireless provides an opportunity for up to 50% cost savings and up to 80% savings in project execution time. This interactive workshop will show you what it takes to design and implement an industrial wireless network that provides connectivity for Wifi devices and field instruments compliant with ISA100 Wireless and WirelessHART. Design best practices and use cases will be shared. Why attend? Industrial wireless is increasingly deployed as an integrated part of industrial control systems and enhanced plant safety solutions. Do not miss discovering how your current and upcoming projects can benefit from this technology. Duration: 2 hours

See information on other sessions, and the HUG Demo Center. The exact times and locations of all sessions will be announced on the HUG conference app. We recommend you to use the HUG app, to plan your day to day schedule, as soon as the HUG app becomes available.

During your on-line registration, you will be requested to indicate your preferences.

Feel free to contact: [usersgroup@honeywell.com](mailto:usersgroup@honeywell.com)

or take a closer look at: [www.honeywellusersgroup.com](http://www.honeywellusersgroup.com)

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