

INSIDER

INDUSTRIAL AUTOMATION & PROCESS CONTROL

VOLUME 18
NUMBER 6
ISSN2334-0789
June
2014

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Your key to the latest industrial automation and process control information

Honeywell User Group Americas (HUG)

Big announcements and new products too!

Overcoming some consternation among the press about not having received the announcement that Darius



Vimar Kumal

tending HUG for the first time. The record number of attendees represented more than 475 companies

that is reminiscent of Monsanto's ownership of Fisher Controls back in the 1980s. One wonders if the eventual fate of HPS is to be the same as Fisher's. Yet in the

Industrial Automation and Process Control INSIDER Custom Reprint prepared for PAS Inc.

business group, and that Vimal Kumar was now President of HPS, the first-ever HUG Americas held outside of Phoenix appears to have been a rousing success by the traditional metric of attendance. More than 1,300 customers, distributors and Honeywell leaders and engineers attended the 2014 [Honeywell Users Group \(HUG\) Americas](#) symposium held June 2 through 6 in San Antonio, Texas. The conference brought together many of the world's largest process manufacturers to discuss how to apply new technologies to overcome challenges facing their respective industries and operations. Attendance was 25 percent higher than the 2013 Americas conference held in Phoenix, Ariz., with about 40 percent at-

Honeywell's Channel Partner conference, which was held in parallel with HUG. HPS is no longer part of Honeywell Industrial Automation and Controls. Darius Adamczyk, erstwhile president of HPS is now CEO of Honeywell Process Materials and Technologies, including HPS.



Jason Urso

Honeywell has apparently given up trying to find synergies for HPS within Honeywell ACS, and so has moved the process automation company to the chemical manufacturing group, PMT, in a move

revenue and profit numbers for HPS. Kapur said in his keynote, "We are placing customer experience at the enter of everything we do. Our mission statement is to improve the customers experience at every touch

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Health Watch

This month's Health Watch talks about earnings reports, and problems in Japan. Find the INSIDER Health Watch on pages 30-31 in this issue.

...and a whole lot more!!

PAS: The Little Engine That Could! PAS Technical Conference 2014

PAS, originally known as Process Automation Ser-

VICES, is celebrating their 20th anniversary.

Founder Eddie Habibi and his team threw a much larger party for the PAS Technology

Conference 2014 than you'd expect from the company size. It was a respectable sized User Group meeting, too, with over 130 people from several countries in attendance.

The conference keynotes by Eddie Habibi and FBI Special Agent Angela Haun were preceded by a press conference in which PAS ceo Habibi revealed new alliances with Tripwire and Alstom Power, as well as confirming one with Southern Company. Tripwire is a cyber security firm specializing in NERC compliance and will integrate PAS Integrity Software Suite and Tripwire's NERC Solution Suite. Alstom will be integrating PAS PowerGraphix 2.0 HMI object library and power control system templates. Southern Company helped to develop the PowerGraphix 2.0 product, and continues to use it and act as PAS' test bed.



PAS ceo and founder Eddie Habibi

PAS and Tripwire PAS, Inc., a leading provider of software for process safety, cyber security and asset reliability for the energy, power and process industries worldwide, and Tripwire, a leading

global provider of risk-based security and compliance management solutions, today announced a technology partnership and integration. The partnership is part of the Tripwire NERC Alliance Network Program that has been designed to foster collaboration on critical infrastructure compliance and security solutions to help companies efficiently and effectively achieve NERC CIP compliance. The integration between the PAS Integrity Software Suite™ and Tripwire NERC Solution Suite will provide mutual energy customers with automation software that drastically reduces the time and resources required to collect audit evidence. The integration brings a consistent approach to the management and maintenance of secure configurations across a wide range of devices including Industrial Control Systems (ICS), SCADA, Microsoft Windows and Windows Serv-

ers. "The combination of PAS and Tripwire technologies allows us to offer our customers a powerful solution," said Mark Carrigan, vice president of technology at PAS. "Automating the collection of configuration information for all critical assets in energy organizations saves precious resources, improves compliance, reduces human error and, in addition, dramatically reduces cyber security risks."

Energy organizations are required to gather, analyze, prioritize and document an overwhelming amount of vulnerability and network data in order to protect their most critical assets and meet compliance requirements. The integration of PAS' Integrity Software Suite and Tripwire's NERC Solution Suite provides customers with:

- A single process that enables continuous monitoring and rapidly captures detailed status information across a wide range of critical cyber assets, from computer systems and network devices to badge entry systems and SCADA devices.
 - Audit-ready reports and dashboards conveniently grouped via a flexible and extensible classification system.
 - Automated assessment and aggregation of security data alerts that assist in detecting potential security breaches or configuration modifications that affect compliance status.
- "Today, because many organizations have two separate

business processes for these different assets, tracking and compliance reporting is resource intensive and can be error prone," said Jeff Simon, director of service solutions for Tripwire. "Our integration with the PAS Integrity Software Suite will make it possible for energy organizations to use a single, consistent workflow to assess and manage the secure configuration of industrial control systems and business assets."

Habibi Connects the Dots

In his keynote speech, ceo and founder Eddie Habibi talked about the last 20 years of PAS, showed some pictures of himself with big hair and flowing mustaches, and talked about his vision for the future of automation. He talked about people, assets, and information and how the requirements of each can and must be brought to work together for a well-rounded automation system.

If I Tell You I Have to Kill You!

FBI Special Agent Angela Haun gave another keynote, but she insisted on no interviews, no photographs, and posted the talk she gave as FOUO, the lowest rung in the top secret ladder. So, I can't tell you what she said. I CAN tell you that everything she said was easily available in the public domain, so the purpose of the cloak and dagger remains unclear.



FBI's Angela Haun

Keith Dicharry from BASF, spoke about BASF's strategies on automation and cyber security, and how they use PAS' tools to document, validate, monitor, alert

PAS: The Little Engine That Could! PAS Technical Conference 2014

and detect. “We will pave the future with a continued focus on protecting our core assets.”

Mark Carrigan, vp technology at PAS, gave the roadmap discussion, and talked about new releases in HMI, Alarm Management, Loop Optimization and Cyber Security coming over the next two years.

Harvey Ivey, of Southern Company, discussed the development of PowerGraphiX, a joint project of PAS and Southern Company, and its use as an information display philosophy to address the problem of information overload on operators.

Amy Ericson, US country president, Alstom, spoke about the need



Alstom's Amy Ericson

for improved data visualization and operator effectiveness. She described a Voice of the Customer study Alstom recently performed, showing the need for improved alarm management, ease of operation and control room operational screens. Based on these industry findings, Alstom has partnered with PAS for the development of High Performance HMI solutions, and has become an OEM reseller of PowerGraphiX.

John Banda, of Intergraph, and Lauhael Godinho, business development manager for Project Integrity at PAS, discussed using SmartPlant Instrumentation and Project Integrity as a combined solution ensuring that information from the project design to commissioning minimizes delays, reduces data reconciliation, and ensures on time startups.

Mike Timan, from Owl Computing Technologies, described a project to generate a new class of security solutions around segregating networks, after the RasGas and SABIC cyber attacks.

Mike Moody, of BASF, talked about how BASF executed their corporate alarm management initiative at the site level, with the good, the bad, the ugly, and the lessons learned.

Mike Herrera, Brandi Lebo, and Tyler Broom of LyondellBasell discussed a real world case of using Workflow Integrity, part of the PAS PlantState Suite. The end result was increased value from decreasing the potential of documentation errors, annotating changes with the workflow that allowed them, and facilitating notification of change requests.

Mike Macha, of DHS, gave a discussion of the various cyber security tools developed by the Federal gov-

ernment over the past decade, and noted that the price has been lowered to, well, free.

Ruediger Trobisch, of M+W, discussed a migration of a legacy alarm management implementation to PAS' PlantState Suite for Axalta in several plants in Germany and Belgium. Since the operators were already using the Alarm Management Reports, the migration was performed with minimal operational interruption.

Leslie Burke of Southern Company talked about Southern's need to maintain accurate asset inventories, implement effective management of change processes and ensure consistent cyber security policies and practices. The solution they arrived at encompasses cyber inventory of Industrial Control Systems, change management and compliance assurance reporting. They call it CSI—Control System Integrity.

Dow Chemical's peripatetic cyber security ambassador, Eric Cosman, delivered a very interesting discussion of Industrial Control System cyber security aimed not at the engineer but at the asset owner. Any asset owner should get a copy of Cosman's presentation and study and implement what he said.

Chris Humphreys from Anfield Group, formerly of DHS and DOD, talked about how to keep up with regulatory climate change around securi-

ty. He talked a lot about compliance, and how to ensure compliance, but his discussion wasn't really about improving and increasing security.

Andy Geddes from Scottish Power talked about how Scottis Power has worked with PAS to con-



Eric Cosman from Dow

figure systems to support analysis and performance measurement for process safety.

Brendan Sheehan, global mar-

keting leader for Honeywell Process Solutions discussed the 20 year relationship Honeywell has enjoyed with PAS, delivering DOC4000 to approximately 350 operating facilities, managing configuration for 1260 automation systems.

Allen Pfeffer, of Alstom, and Hector Perez, director of business development at PAS, jointly discussed how PowerGraphiX will help Alstom's customers operate their plants better and more safely.

Last, Jeff Strecker, from HollyFrontier, talked about what he called the essential tool kit for the Process Control Engineer. He presented an overview of the PAS solutions HollyFrontier has identified as a way to approach and manage their challenges in the coming years.

And Cirque du Soleil! And a great time was had by all.