

September highlights, industry news, and happenings from Bedrock Automation.



In a recent Morgan Stanley/*Automation World* Survey, cyber security and standardization topped the list of IIoT adoption challenges. Next week at Inductive Automation's Ignition Community Conference (ICC), we will be demonstrating a solution that addresses these challenges.

We will again demonstrate our commercially deployed OSA<sup>®</sup> (Open Secure Automation) architecture in which standard PKI is used to authenticate hardware, firmware and software, and secure an end-to-end SCADA solution. OSA<sup>®</sup> is based on standards such as IEC 61131-3, OPC UA, PKI, MQTT and Ethernet IP, with software selectable universal digital, discrete and analog I/O.

On September 18 at ICC, Bedrock's Chris Harlow and Bedrock user Jason Hamlin, of Lynchburg water district, will present a real application of AI using Bedrock OSA<sup>®</sup>. Jason has developed an Inductive Automation Ignition module that pulls data from the OSA<sup>®</sup> embedded cyber anomaly detection capabilities and applies machine learning to detect threats and predict future network behavior.

All the technologies and products that make this possible are real and commercially available

today. If you are at the ICC, please stop by for a personal hands-on review. The future is now.

Build on Bedrock®!



**Albert Rooyakkers**  
Founder, CEO  
Bedrock Automation

## Open and Secure SCADA

In our July webinar, "Open and Secure SCADA: Efficient and Economical Control, Without the Risk", Chris Harlow and Inductive Automation's Travis Cox go into considerable detail about how Bedrock's root of trust can be applied to secure an entire operations network, including the SCADA system.

**[View the webinar here.](#)**



Bedrock Semi-Annual Channel Partner Update - July 2018

## You asked for it

We have produced a video summarizing recent features added to Bedrock in response to requests from the field. Although primarily targeted to the systems integration firms and high tech distributors who deliver Bedrock solutions, the video also contains valuable information for end users as well, including new functionality in Bedrock IDE 1.8, Cybershield 3.0, and the Universal Control Gateway module.

**[View it here.](#)**

## On the road again

In addition to being at ICC in Folsom, California next week, we will have people at

two other upcoming events. Product Specialist Matt Lyles will be a featured speaker at the SCADA Tech Summit in Chicago, Illinois this week, where he will be presenting on managing SCADA security. Sales Director Paul Tornabene will be discussing our latest Open Secure Automation solutions at the AHTD conference next week. If you are at any of these conferences please stop by our booth and say hello. We'd love to see you.



Visit [SCADA Tech Summit](#) and [AHTD](#) websites to register.

