The subtitle to ARC Analyst Eric Cosman's recent **_Automation World_ article** makes an important point: "*Although necessary, risk mitigation and traditional countermeasures are not enough to make lasting improvements in cybersecurity. A truly comprehensive response needs to include a system that is secure by design.*" Eric makes his conclusions with a true end-user perspective, based on his reputation and esteemed career with Dow Chemical. He has many fans, me included.

That end users, most other control vendors, and industry standards bodies all recognize the importance of building cyber security into the control system is testimony to its value and to our dedication to this objective. Take some time to read in the current issue of *Hydrocarbon Engineering* magazine, an article from Sam Galpin, a Bedrock Fellow, for a succinct description of our approach to open and secure automation.

Today we will conduct a joint webinar with one of our Secure SCADA partners, Inductive Automation, defining the value to users of authenticated and encrypted SCADA. We follow this in September with a webinar hosted by *Control* magazine, focusing on the technologies and value of IIoT, with a focus on built-in cyber defense. This month's newsletter has all of the details.

Thank you for taking time again to read our message and share our ideas on delivering Open and Secure Automation.

Build on Bedrock®!

Albert

Albert Rooyakkers
Founder, CEO
Bedrock Automation

The Virtues of Built-in Cyber Security Sam Galpin – who is named in many of the patents that make Bedrock the powerfully secure control system that it is – has recently explained the fundamentals of intrinsic cyber security in a full length feature in the U.K. publication *Hydrocarbon Engineering*. The article, is titled *An Inside Out Defence* (British spelling).

You can read a PDF of the full article here.
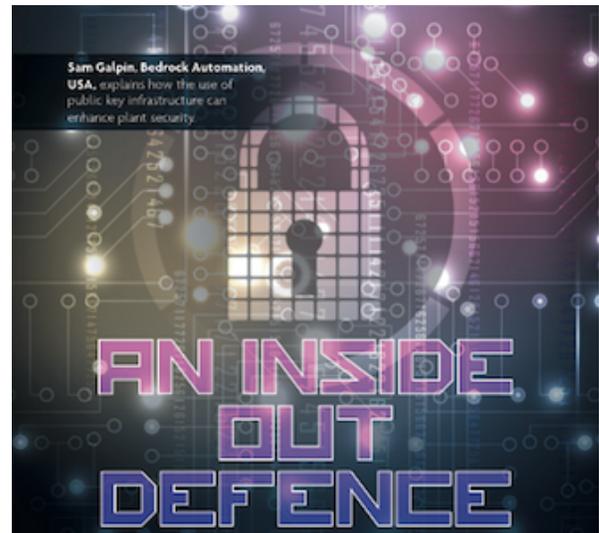
Webinar – July 31 -- Open and Secure SCADA: Efficient and Economical Control, Without the Risk
There is still time to register for the upcoming webinar today with the our SCADA solutions partner Inductive Automation. The focus is on how industrial organizations decrease their security risk and lower their costs while increasing functionality and efficiency. Presenters Travis Cox of Inductive Automation and Chris Harlow of Bedrock Automation will cover SCADA security issues and vulnerability points and best practices in combining SCADA, OPC UA, MQTT and built-in cyber security in reducing the vulnerability. **Register here now.**

Webinar – September 11 -- The Industrial Internet of Things: Fundamentals for open and secure design and deployment

Join Albert Rooyakkers on September 11, in this webinar hosted by *Control* magazine. He will be exploring the convergence of the open technologies that have evolved into the Industrial Internet of Things and infrastructure need to secure their operation. He will be covering the standards and technologies needed to ensure interoperability and cyber security, how users can exploit the value of IIoT, and how they can securely harness the millions of devices that are increasingly coming online. **Register here.**

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