

## ISC West 2019 day one: Evolutionary products the main highlight

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Delivering on high expectations, the first day of ISC West 2019 kicked off with a crowded Sands Expo Center and exhibitors putting forward their best new technologies. Developments seemed more evolutionary than revolutionary, but attendees quickly found plenty of interest.

### Thermal cameras



Hanwha Techwin also showed off a new Android camera that can deploy new apps

The largest booth at ISC West, Hanwha Techwin, remained crowded throughout the first day as attendees checked out the company's eight new thermal cameras offering features such as pan-tilt-zoom, H.265 encoding to minimise storage needs, VGA resolution and detection of temperature changes, all built on Hanwha Techwin's Wisenet chip.

There is also a new 5-megapixel version of Hanwha's popular 2-megapixel multi-sensor camera, and a new panoramic camera; multi-sensor panoramic cameras 'stitch' the images together rather than just aligning them. Hanwha Techwin also showed off a new Android camera that can deploy new apps developed as part of the Korean company's role as a founding member of Open Security & Safety Alliance (OSSA).

## Avigilon's H5 series

Avigilon is introducing a new line of cameras — the H5 series — with improved imaging and designed to provide deep learning/neural network processing at the edge. Improvements to video analytics will enable the cameras to track multiple moving objects simultaneously in a field of view and to track objects more accurately.

More granularity enables better differentiation among types of vehicles, and the cameras enable more detailed data to be pulled from video. The improved analytics engine will also support better face detection and recognition.



Operators can view the dashboard and react to information provided in a more digestible format

The new version of Avigilon Control Center 7 (ACC7) software will apply principles of AI to enhance an operator's 'Focus of Attention' when monitoring live video. Video is fed into an AI engine that determines which events in the live footage are most worthy of an operator's attention. Monitoring live video can be a challenge for human operators, whose short attention spans undermine the best surveillance systems.

Automation helps to direct that limited attention span to events most worthy of attention. A 'dashboard' displays clusters of cameras that are colour-coded to reflect the types of activity that are detected. Rather than watching video, operators can view the dashboard and react to information provided in a more digestible format. Clicking brings up the live video.

## Quantum Cloud Storage Platform

Video storage is another area of innovation at ISC West. The Quantum Cloud Storage Platform is flexible for video surveillance and industrial IoT applications. The architecture is built from the ground up for video surveillance applications and can scale from five cameras to millions of cameras in a simple deployment model — no settings or configurations needed. Products range from a small 'mini-tower' configuration for a retail store or gas station up to rack-mount servers that can accommodate thousands of cameras.

 **We make the storage piece so simple that you don't have to think about it"**

Quantum introduced the VS-Series in a range of server choices at ISC West. The hyperconverged and software-defined environment will support a combination of video management systems (VMS), along with access control, HVAC and lighting controls. Quantum worked with Johnson Controls to develop the products.

*"It's designed for an installer, not for an IT guru," says Jamie Lerner, Quantum's CEO, President and Chairman of the Board. "We make the storage piece so simple that you don't have to think about it"*

.” Quantum is showing its VS-Series publicly for the risk time at ISC West.

## S2's Magic Monitor

LenelS2 is a newly coined name in the industry — resulting from a recent acquisition. The combination of Lenel and the acquired S2 is playing out to the benefit of both product lines. For example, Lenel's Blue Diamond mobile credentialing system can now be used along with the S2 Netbox hardware.

Lenel's OnGuard is being combined into S2's Magic Monitor unified solution that combines video, access control, and digital messaging. OnGuard is also benefitting from Magic Monitor's graphics maps. The S2 Cumulus cloud-based service, focused on system health monitoring, is being applied to OnGuard.



LenelS2 is also developing a full commercial access control as a service (ACaaS) offering

The combined LenelS2 is stepping up with new solutions for frictionless access control, too. A 'phone as a badge' approach enables a door to be unlocked by a smart phone, even if it is in a pocket, locked and/or the app has not been opened. Another alternative is a 'shake to open' action that sends the credential to the nearest reader.

LenelS2 is also developing a full commercial access control as a service (ACaaS) offering, which is being previewed at ISC Show and will be released commercially later in the year.

## Video surveillance product line

Mobotix is expanding its MOVE video surveillance product line with six new models announced at the show and broadening its reach into new vertical markets. A solutions approach offers both end-to-end Mobotix systems and other systems offered in conjunction with technology partnerships displayed in the Mobotix booth.

Top of the list of new verticals is education, and Mobotix's edge-based approach includes programmable logic built in so that 'technology can take over when the human element is the weakest.' Automated response is faster and 'seconds equal lives' during an emergency. In an education scenario, the Mobotix system acts as an Internet of Things (IoT) device that offers more functionality than other manufacturers' 'cameras.'



There are 22 steps involved to ensure the cybersecurity of Mobotix products, reflecting a higher level of cybersecurity commitment

Mobotix has thermal products that are also finding uses in a variety of verticals, from oil and gas to manufacturing process control. Mobotix systems that can detect defects in products in the manufacturing process are expanding usage in applications beyond the traditional 'security' industry.

## Cybersecurity Commitment

Mobotix is looking at the market in a completely different way, redefining how their products can fit into a variety of scenarios, and with a focus on cybersecurity. There are 22 steps involved to ensure the cybersecurity of Mobotix products, reflecting a higher level of cybersecurity commitment than some other manufacturers.

*"There are so many features within our solutions, and we want to get the word out to the end users, so they understand the features,"* says Thomas Lausten, Mobotix CEO. *"There is untapped potential ."*

## Author Profile



### Larry Anderson

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An experienced journalist and long-time presence in the US security industry, Larry is SourceSecurity.com's eyes and ears in the fast-changing security marketplace, attending industry and corporate events, interviewing security leaders and contributing original editorial content to the site. He leads SourceSecurity.com's team of dedicated editorial and content professionals, guiding the "editorial roadmap" to ensure the site provides the most relevant content for security professionals.

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