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Axis announces tightly integrated edge storage for more robust video surveillance systems

Axis Communications announces that edge storage is now available in Axis network cameras, with the market's first tight integration of the capability with leading video management software (VMS) partners such as Aimetis, Genetec, Milestone, OnSSI and SeeTec. The integration of Axis' edge storage with VMS enables more reliable video surveillance solutions.

“Edge storage is a critical concept for improving reliability and flexibility in an IP-Surveillance system”, says Peter Friberg, Director of Systems and Services, Axis Communications. “It allows cameras to record video locally in the camera to an SD/SDHC card, or to a network device such as Network-Attached Storage (NAS). But the major benefits of edge storage are only realized when it is integrated with the video management system, and we are proud to be the first vendor on the market to provide edge storage solutions in cooperation with leading VMS partners. Together, we can help customers build even more robust and reliable video surveillance solutions.”

Edge storage – sometimes referred to as local storage or onboard recording – has been available on the market for some years, but up until now there has been no full-featured solution available that integrates edge storage cameras with leading video management systems. With the new solution, edge storage can be used to enhance redundancy and reliability in a system. It can for example be set up to store video in the camera during a power or network failure, or when the VMS is taken down for maintenance – and then automatically feed the recorded clips back to the VMS when the system is up again, ensuring the user gets seamless, uninterrupted video recordings. The capability is especially useful in mission-critical installations, such as airport or mass transit hubs, where edge storage in cameras that are covering entrances and exits could be a critical part of the strategic backup plan.

“Axis' edge storage is a critical enabler for the innovative Video Trickle feature we launched earlier this year in Omnicast,” says Morgan Pasnon, Senior Technology Alliance Manager of Genetec. “It allows our customers to optimize bandwidth usage by transferring and storing only video of interest on schedule, on event or manually, and also offers a serverless option for remote site recording. These combined capabilities ultimately provide our customers with more flexibility and reliability in their video surveillance deployments”.

“We're very happy to provide support for Axis' edge storage in our SeeTec 5 video management system,” says Roland Keiser, Chief Technology Officer at SeeTec AG. “Using storage on the edge device for failover recording is an important way to increase the reliability of flexible video surveillance systems in case of a network loss.”

Marc Holtenhoff, CEO of Aimetis echoes the excitement to support Axis in its Aimetis Symphony video management system and adds: “Edge storage is a critical enabler for our system redundancy feature, which helps Aimetis provide new ways of building dependable and fail-safe video surveillance solutions.

“We have a large, satisfied global customer base using Milestone XProtect® video management software with Axis network cameras and encoders, so it is a high priority to support the interoperability of new technology offerings” says Christian Bohn, VP Marketing & Product Management at Milestone Systems. “By integrating the Axis’ edge storage with XProtect, we provide new ways of building even more reliable video surveillance: the key driver for edge storage implementations is to ensure continuous recording and complete archives of video evidence, in case of network or server hardware failures.”

Another benefit of edge storage arises in systems with low network bandwidth where scenes could be monitored in a low bandwidth configuration, but recorded locally in very high quality. After an incident, the system can upon request retrieve high-quality recordings from the cameras. Moving forward, edge storage can also be a powerful strategy for handling video recording in installations where network access is not constantly available, for example at very remote locations, or in mobile surveillance installations, such as on a train.

Edge storage is available now in a selection of Axis’ cameras and video encoders and will be introduced in the majority of Axis’ products over time. It is supported by several leading vendors of video management software through Axis’ Application Development Partner Program and AXIS Camera Station.

About Axis Communications

Axis is an IT company offering network video solutions for professional installations. The company is the global market leader in network video, driving the ongoing shift from analog to digital video surveillance. Axis products and solutions focus on security surveillance and remote monitoring, and are based on innovative, open technology platforms.

Axis is a Swedish-based company, operating worldwide with offices in more than 20 countries and cooperating with partners in more than 70 countries. Founded in 1984, Axis is listed on the NASDAQ OMX Stockholm, under the ticker AXIS.

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