20 Most Promising Video Surveillance Solution Providers 2016

Today's corporate world is not indifferent to the growing rate of crime and vandalism. To get away from the shackles of deterrent and malicious activities, enterprises hunt for surveillance solutions that can safeguard as well as monitor the organization. Modern surveillance solutions can handle complete risk management including keeping the physical assets secure, maintaining site safety, operational efficiency and protecting the employees and personnel from harm. Varying from simple cameras to IP surveillance with closed circuit television (CCTV) and network video recorders, these systems come equipped with the capacity to store, archive and retrieve high resolution images and videos in real-time.

Along with continuous, real time monitoring, these systems provide easy sharing of videos through email or other communication systems. They are mostly equipped with cloud back up that makes the video accessible anywhere and anytime. A good surveillance system should have intuitive software and hardware components that are flexible in deployment and infrastructure, and offer quality outcome at cheaper costs.

To help CIOs in navigating the video surveillance solutions landscape, CIO Review presents "20 Most Promising Video Surveillance Solutions Providers 2016."

A distinguished panel comprising CEOs, CIOs, VCs, analysts, and the CIO Review editorial board has selected the top video surveillance solution providers. In our selection process, we looked at the vendor's capability to fulfill the need for cost-effective and flexible solutions that add value to the video surveillance landscape.

Company:
artec technologies
[A6T.DE: Xetra]

Description:
Provides an extensive variety of products for the creation of high-resolution video surveillance systems.

Key Person:
Ingo Hoffmann,
MD

Website:
artec.de

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artec technologies AG [A6T.DE: Xetra]
Intelligent Analytics for Video Surveillance and Security Applications

A decade ago, video surveillance was limited to just traffic intersections and light poles to monitor activities and provide security. However, in today's environment, where theft, vandalism, and property regulation are becoming so common, intelligent IP video surveillance has become a near compulsory item for the protection of home, business or any community. "IP video surveillance is the most reliable and standard security system when the right Video Analytics (VCA) is applied to it," says Ingo Hoffmann, MD, artec technologies AG [A6T. DE: Xetra]. Germany-based artec is using integrated video analysis camera line to provide the most comprehensive surveillance coverage to combat today's security risks. artec offers multifunctional product and system solutions for simple as well as complex video surveillance and security systems in privacy-protected video security, production control, and quality assurance, perimeter protection or for maximizing industrial safety. "A lot of our recording systems are used by police

Ingo Hoffmann

> ## IP video surveillance can become the most reliable and standard security system when the right Video Analytics is applied to it

or customs for training purposes as our systems are capable of ingesting and processing audio, video, and metadata information and detecting recordings," says Hoffmann.

artec has been contributing in the video surveillance landscape for more than 17 years now. By introducing the first PC-based DVR kits in 2000, hybrid video recorder in 2002, and the MULTIEYE-NET software for support of megapixel cameras in 2003, artec has set the standards of innovation at a very early stage. Independent from the number of channels, MULTIEYE-NET offers numerous features, including live monitoring, playback analysis, recording or remote monitoring. The MULTIEYE HD video surveillance systems are used for a wide range of applications; not only for surveillance of retail shops, city centers, airports but also for video information system for the count and analysis of people, objects, and traffic monitoring. Highlighting on the key strength of the product, Hoffmann says, "MULTIEYE systems are customizable and can be easily updated due to its modular architecture. They offer both added value and a high degree of investment protection."

Another key product of the firm, XentauriX Internet Protocol Television (IPTV) platform is used for the transmission, recording, and replay of TV, video, and recording broadcasts via network/internet. The distinctive feature of the platform is its combination of live encoding, transmission, recording streams, and their synchronous linkage with the metadata. For instance, one of their clients in America—a large cruise shipping corporation was building a very big simulation training center where the captains, chief officers in cruise were to be trained. The client wanted a video surveillance system to monitor and record the training sessions in HD quality to learn about certain events like blackouts or any other emergency. With the help of XentauriX platform, the client was able to obtain dual benefits of recording the sessions in artec's video surveillance system and they were able to broadcast the same video in HD quality for further reference.

artec's product platforms distinguish themselves through their modular hardware and software architectures, and provide their customers with the highest standards of flexibility, expandability, and investment security. Complementing the range of products, the firm's architecture is built on an open platform, which helps the company to expand their systems anytime and update it with the latest software release within the same hardware. For the future, the company aims at developing products that are capable of extracting the details from terabytes and pentabytes of recordings. "We'll develop object recognition technology in our product systems, so that finding certain objects and issues within the recordings just via the database will be an easy task," concludes Hoffmann. CR