

Airports Moving To IP-based Surveillance Systems



Airports all over the world have been upgrading their surveillance systems on a regular basis in the wake of increasing security concerns faced by top security officials around the world. Today, when you walk across any airport, you will come across a wide display of high-end security systems and some of these surely leave us marvelled. Majority of the world's airports are now equipped with X-ray systems, CCTV cameras, access control, canine crew and security staff. Some of the airports have also installed advanced video-based surveillance systems to ensure round-the-clock monitoring of all activities taking place within the airport premises.

With the security industry registering a paradigm switch to IP-based surveillance devices from the obsolete analog CCTV systems, even airports have moved on to the latest surveillance technology. For more than a couple of decades, video CCTV monitoring has been a part of airports. Though the initial video-based devices were restricted in terms of their functionality, the modern devices are filling all the gaps and delivering comprehensive surveillance of the premises. Also, airports are now installing IP-based video surveillance frameworks as they offer numerous benefits over analog technology.

With various local, regional and international airports adapting surveillance technology, the airport security industry has witnessed some key trends in the past few years. These include CCTV monitoring for retail shops, restricted zones, checkpoints and others that were traditionally not covered by surveillance devices. IP-based surveillance systems come with a host of benefits including higher scalability, increased light capacity, better-quality images and real-time monitoring, among several others.

Enhanced light capacity is easily one of the key benefits offered by IP surveillance systems. When airports install IP-technology CCTV cameras, they can procure superior-quality images and videos. This is especially beneficial in poor light conditions that are often witnessed in airport premises. Another key benefit is that IP devices deliver crisp and clear pictures. CCTV surveillance would be pointless if it fails to provide clear images. This helps airport security professionals to tackle various security concerns like identifying miscreants, for eg those who unlawfully enter restricted zones or violate any of the airport protocol.

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