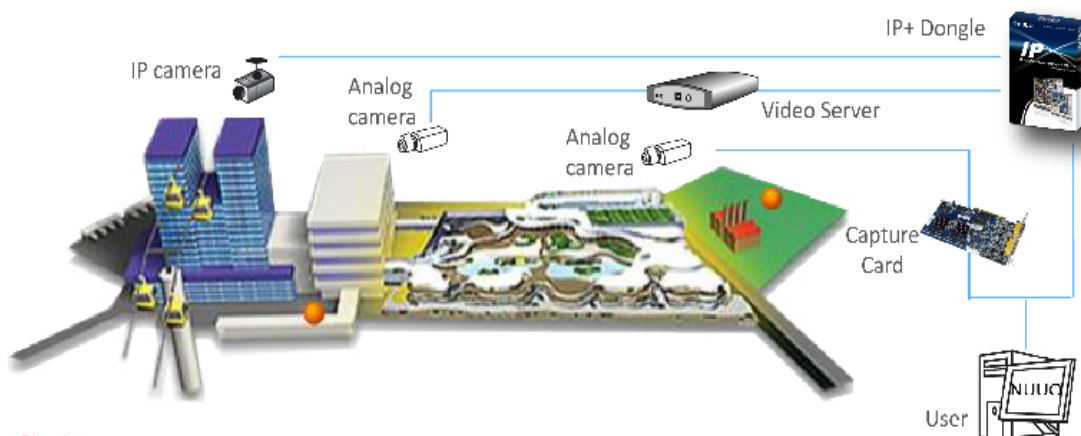# NUUO Makes Vivocity More Than A Shopping Center

Organization:
Vivocity

Location:
Singapore

Industry segment:
Retailing

Solution:
NUUO Hybrid

Singapore's largest shopping center uses NUUO to protect its customers

Vivocity, Singapore's largest retail and lifestyle destination, it's an iconic retail which features wide, open space for waterfront relaxation and entertainment. It's hard to imagine what could be found in this famous modern complex, the answer is, a rooftop water-featured sky park, amphitheatre, shopping center, hypermarket and kids' paradise- open air playground.

The first issue that management team faced was, how to manage the interior and exterior space at one time, especially during rush hours , special events and festivals, the high rate of crowd flow is expected to be well controlled under a completely safe environment.

NUUO hybrid solution provides Vivocity a state-of-the-art surveillance system with RAID 5 storage.

A previous system of analog cameras isn't enough for managing large scale of shopping mall, especially the security staff have to keep an eye on the outdoor area to prevent any unexpected accidents, which is more than preventing fraud or theft. However, KZtech, a professional surveillance company, chose Tonika Windows XP embedded workstation and inserted two sets of NUUO Hybrid SCB-3016 & IP 16ch for Panasonic IP cameras, to refresh the analog system into a mix of network management. 24 hours recording requires high stability and great performance of RAID 5 storage, that's why NUUO software and Tonika workstation were preferred.

NUUO multi-channel playback system and triple monitor supports make security management at Vivocity so much easier

"We applied NUUO multi-playback function to manage live channels and recorded videos on triple screens simultaneously, we did video quick search by defined events, listed videos can also be saved as AVI format, which is very effective to categorize our records." said Mr. Ken Lee, project manager of Kztech Marketing & Supplies Pte Ltd, added, "we're going to upgrade the following 200+ analog cameras to a more comprehensive networked system, within this modern complex."

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The Intelligent Surveillance Solution