

## NuSkin System Is Wrinkle-Free with Fluidmesh Technology

NuSkin, a company that distributes over 200 anti-aging products in 53 international markets, has been preparing for a time-lapse HD video documentary that chronicles the progress of the construction of a new addition to its corporate headquarters building. They plan to use the video as a sales tool to showcase its growth and expansion and will send the video to their 800,000 distributors around the world.

Sentinel Systems, a portable integrated system that uses the Fluidmesh tri-band wireless Ethernet solution and IQinVision 5-megapixel cameras, were selected by NuSkin. The system will need to be able to record an entire city block from multiple directions at once. The system must be portable enough as old buildings are demolished and new office buildings and parking structures are built.

The solution enabled NuSkin to make HD video recordings for advertising purposes. When the buildings are completed, the system along with the products will then be used by NuSkin's security department.



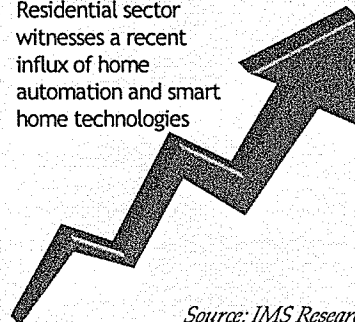
## ACaaS to Take Off in North America and Europe

Access Control as a Service (ACaaS) offers additional revenue and end-user penetration opportunities that traditional access control solutions cannot, according to a recent study published by IMS Research (an IHS company). Facility managers pose a huge opportunity for suppliers of ACaaS. In large office buildings, it's typical to see facility managers deploy access control equipment at building entrances and within each office. Rather than having each office maintain a server or having the facility manager administer a server for each tenant, for a nominal fee, ACaaS allows facility managers to have the system managed/ hosted removing the need to maintain that system. Using ACaaS, each tenant maintains their own solution and works with the dealer/ provider when updates are required. For the facility manager, security concerns are passed to a third party and ACaaS fees can be added to the monthly rent.

In summary, ACaaS could be the answer for suppliers looking to increase market penetration. Small, independent, and family-owned businesses are now a real opportunity. Not to be overlooked is the residential sector, which has witnessed a recent influx of home automation and smart home technologies. With the increasing popularity of electro-mechanical locks that can be connected wirelessly to home automation systems or other smart home applications, ACaaS could be an added-value that recurring monthly revenue providers have been looking for.

### ACaaS in Home Automation

Residential sector witnesses a recent influx of home automation and smart home technologies



Source: IMS Research

## UK Solar Farms Prevent Vandalism and Theft Using IP System

Wirsol Solar U.K. installs photovoltaic systems to generate electrical power from solar radiation has sought an affordable surveillance solution for four of these 5-megawatt solar farms, each measuring some 200,000 square meters. Specifically, Wirsol wanted to prevent intruders from entering and stealing the highly valuable solar panels.

There are many challenging conditions at the sites, including the length of the extensive perimeters. The large sites are unmanned, not illuminated, and situated in remote, rural locations. Therefore, Wirsol required a surveillance system that could detect intruders in real-time, send events to a remote monitoring station, and ward off intruders via an on-site speaker system.

WT Parker, a certified system integrator involved in this project, deployed Agent Vi's real-time video analytics software (VAS) with Axis thermal network cameras. This integration enabled a minimal number of cameras used, approximately 10 to 12 cameras along the lengthy perimeter at each site. The solution differentiates between irrelevant movement and genuine perimeter breaches, ensuring a low false alarm rate and enabling the creation of a protective zone around the perimeter fence to detect intruders day and night. Moreover, the combination of Agent Vi's VAS and Axis thermal cameras ensures detections in all weather scenarios, such as heavy rain and fog.