Door Entry Industry On The Verge Of Change As Urmet's IP Technology, IPervoice Is Released

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IPervoice is the first digital, all Cat5e door entry and access control system

Integration and innovation make IPervoice unique. Using IP topology i.e. a standard computer LAN network installation with RJ45 connections takes IPervoice to new levels of professionalism within the door entry industry.

Since its introduction to the market, Urmet has converted over 2000 apartments to IPervoice. The first site was converted in July 2009 by demonstrating to the developer and installer the overall cost savings and increased site efficiency and flexibility achieved with installing IPervoice. Image is a mixed use development of one and two bedroom apartments situated in the heart of Hemel Hempstead combining new build and restoration. The Image Development features a 22-storey tower created by the dramatic transformation of the iconic 20-storey Kodak building with 240 apartments along with five new buildings totalling 434 apartments.

IPervoice is the first digital, all Cat5e door

"IPervoice is designed to simplify the installation of door entry and access control systems for large multi-occupancy housing schemes"

entry and access control system, with IP-compatible network wiring creating a dedicated network for door entry and access control allowing the integration of intruder alarms, CCTV, fire systems,
barrier control, lift control, concierge and other building automation and management systems.

IPervoice has been specifically designed to simplify the installation of door entry and access control systems for large multi-occupancy housing schemes.

IPervoice can provide greater ‘fixed costs’ and reduce on site ‘variable costs’ as the Cat5e cable network can be installed, terminated and tested just leaving the fixing of control equipment and apartments devices with plug in RJ45 connections. With traditional systems there is always an unknown (underestimated) amount of time required for cable termination, fault finding, final programming and setting up of individual systems.

The target is to minimize variable on site costs and maximize efficiency by implementing a new set of best practise guidelines for integrated IP based digital door entry and IP based proximity access control system.

To achieve this IPervoice uses IP technology, the emphasis is on using a ‘standard technology’ i.e. standard computer LAN network installation with RJ45 connections. IPervoice also utilizes industry standard transmission protocols such as SIP, VoIP, RTP and DHCP allowing easy system understanding and life cycle support.

“Urmet is exhibiting its IPervoice access control technology at stand C70 at IFSEC 2010”

Flexibility is also a key factor when comparing IPervoice with traditional digital systems. The IPervoice network details the integration of Cat5e network devices such as the IPervoice server, door panels, proximity readers, concierge switchboards, lift control, intruder alarms and video servers (which integrate with the site wide CCTV system). IPervoice devices are configurable, re-configurable and easily plugged and unplugged into any network point. This now simplifies multi-phased, multi-occupancy projects where on-site access strategies are constantly evolving.

The philosophy behind the IPervoice system is two fold; firstly, install a simple network based infrastructure that provides the flexibility that is only available from IP technology. Secondly,
IPervoice offers a sustainable, future proof system whereby new technological enhancements can be made available to users as they become available without re-cabling. The system software can also be upgraded increasing features and interaction. For 2010 and 2011 IP device upgrades, like the iModo 7" IP touch screen and 12" WiFi tablet are due for release.

IPervoice and its level of connectivity and integration really does change the way that a door entry and access control systems interact with modern housing developments, IP technology therefore breaks new ground, in a sector of the industry that has seen no real change in traditional systems for over 20 years.

Urmet is exhibiting its IPervoice technology at stand C70 at IFSEC 2010 from 10 to 13 May.