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FOR RELEASE: IMMEDIATELY

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HSYCO & HWg I/O Controller integration

HSYCO is central home & building management system, which can be controlled from iPhone or touch display. Integration with I/O Controller devices from HW group enables new applications in smart house management.

HSYCO is central software for Building Automation System. It's able to control all house infrastructure from one iPhone (lights, multi-room music & entertainment, bed, temperature, video surveillance and many more).

HWg I/O Controller devices (HWg-ER88a and HWg-ER84a) are remote serial ports & I/O over IP. Also known as Terminal server with RS-232/485, 4/8 output relays and 8 digital inputs. Port Box PL is a serial I/O controller. HWG Damocles I/O Controllers are designed for remote monitoring and controlling of devices by digital inputs and outputs. HWg Poseidon and STE are field sensors for temperature, humidity, pressure and energy consumption sensors.

New options

HSYCO integrates any number of HWg's I/O controllers and sensors into the same web interface that can be accessed locally or remotely. The combination of the sensors readings can drive actions in the building automation subsystems controlled by HSYCO through the I/O Controller devices and create powerful and sophisticated controls.

With integrated I/O Controller Ethernet device, HSYCO can be installed in houses and buildings without automation systems. This enables the set up of a complete video surveillance solution and a sophisticated anti-intrusion system that can be controlled locally and remotely. IP camera recordings are stored into the HSYCO server, which becomes a complete video surveillance system.

More so, an anti-intrusion main unit can be connected to HSYCO and therefore be integrated in the Building Management System.

New applications

Video Surveillance

IP cameras integration + Motion detection function + PTZ control

Video recording

Local and remote access to camera live images and video recording

Safety and anti-intrusion system

Anti-Intrusion status

Anti-Intrusion activation-deactivation

Reactions to alarms (presence simulation, alert calls or messages, security calls)

Camera recording integration (ex. camera recording activated upon presence detection)

Local and remote access to status information, activation/deactivation of Anti Intrusion System

VoIP Systems Integration (Call events detection)

I/O Interface Management

Outputs: Integration of lights control and automations for safety or presence simulation

Inputs: Door contacts, Presence Sensors, Flood Sensors, Level Sensors reading

Monitoring: External probes and gauges (temperature, humidity, pressure)

System Extensibility

HSYCO is integrated with a variety of home automation systems for temperature control, lighting (including DMX512) and automations control, scenarios and entertainment systems control. Also HSYCO acts as a sophisticated virtual remote control.

About the companies

- HW group s.r.o. is a dynamic company based in the Czech Republic. Since 2000, HW group manufactures and distributes network technology products. The product portfolio is targeted to measuring and data collection. Approximately 60% of the production is destined to the EU market, 30% is exported outside of the EU.

- Home Systems Consulting S.p.A. is an engineering company fully dedicated to the design and development of technology integration solutions for homes and buildings automation. Clever design and integration of home automation technologies upgrade buildings to a different level of comfort, security and energy efficiency. Integrated solutions for the control of lights, temperature, sound and images create emotional scenarios that perfectly match the different living situations of each environment.

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