

MONITORING OF ENVIRONMENTAL CONDITIONS

POWER SUPPLY MANAGEMENT

ACCESS CONTROL



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GROUP

System

Measurement of any environmental parameters and detection of alarm conditions

Continuous control of temperature, humidity, flooding, airflow, smoke, motion, vibration, power consumption, door opening and other parameters depending on the sensors used.

Video surveillance system

Possibility of connecting cameras and continuous recording of images on the server.

In-line Power Meter control and monitoring of power supply parameters

Power management for the connected power strips via AKCess Pro Server. Possibility of configuring notifications for exceeding the defined thresholds, automatic power off in emergency situations.

Software for managing equipment and collected data

The data from the connected devices can be viewed by the administrator using clear, configurable software and can be used as a basis for further actions.

SensorProbeX+ (SPX+) and SensorProbe2+ (SP2+) data hubs

Choice of two types of data hubs for smaller installations and complex monitoring networks.

Easy to set up, expand and use

The modular configuration of the SPX+ data hub ensures easy customization according to your needs and requirements.

Intelligent ports – right-away readiness

Hubs are equipped with intelligent ports that automatically recognize the type of connected AKCP sensor.

Modbus communication – ideal for industrial applications

Thanks to the EXP port in the SPX+ data hub, it is possible to connect to sensors using Modbus RTU-TCP communication.

Access control – protection for cabinets and rooms

The AKCP system allows you to secure any door with remotely controlled lock and proximity card reader.

Elements of the system

SensorProbeX+ modular data hub



Advanced data hub, designed for horizontal 19" or vertical mounting. Modularly built, it allows for custom configuration. Examples of modules include: an internal communication modem, a potential-free contact module or an intelligent sensor ports module. SPX+ is ideally suited for monitoring applications in data centres and industrial production areas.

SensorProbe2+ basic data hub



Data hub, equipped with 4 RJ-45 sockets and Ethernet socket, optionally also with GSM module. Supports 4 intelligent sensors or up to 20 potential-free inputs. It is possible to connect expansion modules.

Programmable display



Power control



Sensors and detectors



Access control handle



Software





temperature



humidity



access control



vibrations



air flow



flood and leakage



power supply parameters



smoke



alarm

Management software

AKCess Pro Server = { monitoring of environmental conditions
power management
video surveillance
access control

Full supervision and prevention of accidents

Combines environmental monitoring, access control, and video surveillance functionality.

Automatic recognition of connected devices

Cameras, sensors, access control elements – just connect and start up.

Compatibility with other manufacturers' equipment

Possibility of connecting any cameras and sensors.

Monitoring and control of all devices on one screen

Easy configuration of the desktop and customisation of the control panel (dashboard) according to user's needs.

Creating scalable maps that contain data from connected sensors and cameras

Visualization of data on geographic maps, building plans and other monitored spaces.

Supervision from anywhere

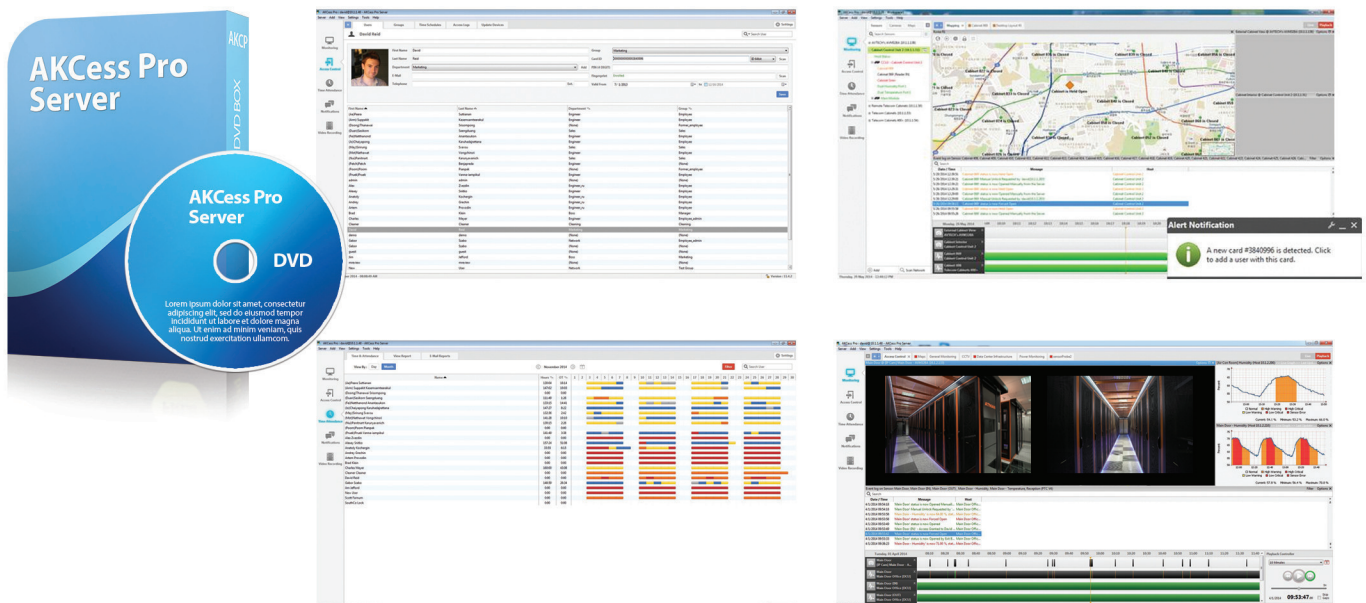
Possibility of installing the software on any computer with Windows and Internet access.

Event notification system

Immediate notification of alarms and other defined events via e-mail, Skype or SMS.

Time schedules

Creating different automatically triggered event scenarios.



ZPAS S.A.

info@zpas.pl | <http://zpasgroup.com> | <http://serwerownie.co>