

# SMARTPack

## Centralized Monitoring and Management Software

Product Overview – 2015

### SMARTPack

Exagate SMARTPack is the optimum software solution for keeping track of your environment monitoring and energy management in your multiple location. All devices belong to Exagate family and all other brands 3<sup>rd</sup> party devices can be monitored via SMARTPack. Using advanced user-friendly interfaces, monitoring and management functions based on countries, regions and systems can be easily monitor. An informational text for instant monitoring, alarm warnings, dashboards let you keep monitor of all your system components from a single interface.

You can monitor your environment systems, sensors, UPS's, CRAC units, power generators, IP PDU's and any other devices which have SNMP, ModBus, RS-485, RS-232 etc... outputs

### What is Smartpack?

Smartpack helps you to control the flowing risks.

#### SmartPack Environment Management Workflow

- ✓ Monitor
- ✓ Alarm
- ✓ Manage
- ✓ Report and Analyze

#### SmartPack Energy Management Workflow

- ✓ Power Usage Efficiency (PUE)
- ✓ Energy Consumption
- ✓ Energy Cost
- ✓ UPS Load
- ✓ Realtime monitor & manage your energy infrastructure

### SMARTPack Overview

#### Scalability

SmartPack software works integrated with SYSGuard 6001 on advanced datacenters, SYSGuard 3001 on mid-sized system rooms, SYSGuard 2001 for rack cabinet monitoring and SMART Power for power management. This way you can monitor all your different SYSGuard devices on one interface.

#### Monitoring

Alarm states of SYSGuard devices marked on the map can be monitored on the map interface. If desired it is possible to view all the sensors and modules connected to your SYSGuard devices one by one, from the overlay of your system room. Information you wish to keep track of more than others can be put on the information band. During an alarm state, you will be aware of any problems that happened in your system room immediately via warning messages. It is possible to see all the sensors and modules on a single list from the list monitoring screen.

#### Management

All the management functions on SYSGuard devices can be done with the SMARTPack software. Only the administrator level users can use management screen. Functions like starting the reserve air conditioner, open/close the free cooling fan, can be done remotely.

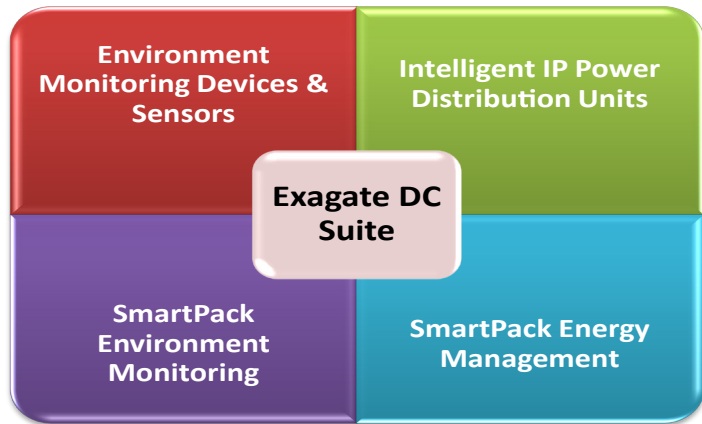
#### Archive – Reporting

Values from many SYSGuard devices are achieved by the SMART-Pack software. Users can define their archiving policy from the device. Achieved values can be used as an advanced filtering tool. Generated graphics can be used to check the past date values of the system room. Accordingly it is possible to make detailed analysis on the environment conditions.

#### Camera Support

IP cameras positioned in various locations on the system room can be monitor via SMARTPack software. With the camera support, SMARTPack is the optimum software solution that can not only monitor the environmental parameters of the system room such as temperature, humidity, water leak but also security.

## Exagate SMARTPack Central System Management Diagram



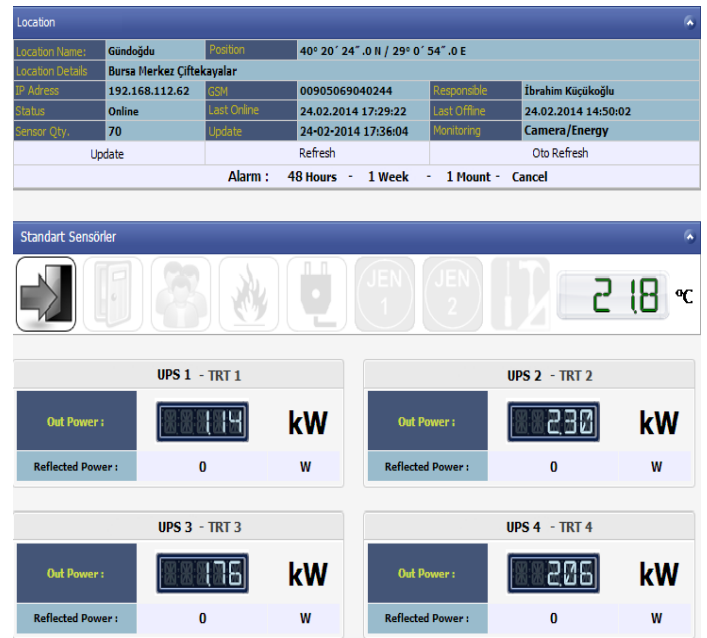
### EXAGATE Datacenter Suite

- ✓ Monitor environment and power changes in datacenters
- ✓ Monitor your infrastructure devices UPS, CRAC, energy analyzer etc...
- ✓ Monitor EXAGATE IP PDU's and 3rd party IP PDU's
- ✓ Monitor your power usage efficiency (PUE) of your datacenters
- ✓ Receive alarms in any critical issues
- ✓ Take detailed reports to analyze your critical infrastructure

### Environment Monitoring Systems

Quickly identify the problems in your datacenter. Don't lose time to solve them before they will get you in trouble. Save your money and energy.

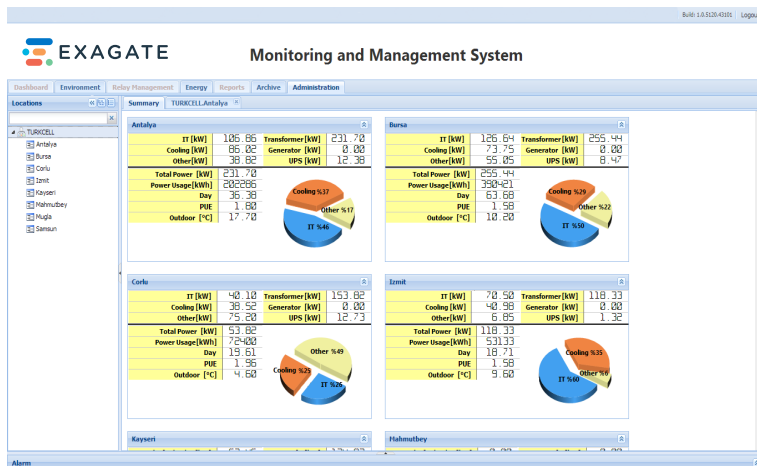
- ✓ Changes in temperature and humidity
- ✓ Power failure and fluctuations in electrical network
- ✓ Flood, smoke detection, air flow, air pressure etc...
- ✓ 3rd party device integration such as UPS, fire extinguishing system, CRAC, power generator etc...



### Energy Management Systems

Check out your energy costs 7x24. Analyze your power consumption. Monitor and manage your energy distribution.

- ✓ Power Usage Efficiency (PUE)
- ✓ Measurement of energy consumption of IT Devices, CRAC, UPS, energy analyzer etc...
- ✓ Strategical distribution of IT devices in data center for efficient energy consumption.
- ✓ Measurement of cold and hot aisle temperature with Exagate sensors.



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