



Smart

# Infrastructure Management & Monitoring

BIRTECH BİLGİ TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ.

**BIRTECH**  
To a reliable future





# About Birtech

Birtech Information Technologies has 20 years of experience in the electronics and information technology sector. For over 10 years, we have been working on R&D and product development in the areas of real-time monitoring and remote tracking of physical, environmental, and electrical conditions of all kinds of valuable corporate environments.

[İstanbul](#)[Amsterdam](#)[Ankara](#)[İzmir](#)[Eskişehir](#)[Konya](#)

# Designed with Birtech Engineering

## Industrial Grade Durability, Long-Lasting Performance

Our environmental monitoring modules and sensors are designed to withstand harsh plant conditions and environmental factors such as high humidity, temperature variations, dust, and vibration. They offer industrial-grade quality.



## Environmental Monitoring Software

A monitoring platform offering easy control with basic alarm management and reporting features.

## Smart Infrastructure Management and Monitoring Software

With its user-friendly interface and lean management logic, it allows fully authorized users to manage their infrastructure independently.



## SensCare provides 24/7 support

Thanks to our advanced after-sales support services, whether it's a sensor failure or a module configuration need, you have a team ready to intervene at any time.



Where It's Used

# Usage Areas

003



Data Center  
Infrastructure



Technical Services &  
Energy Chambers



Cold Storage



Hospital Medicine &  
Sample Cabinets



Facility  
Management



Defense  
Industry



Laboratory



Institutions  
& Banks



Boiler  
Rooms



Base  
Stations

What can you track?

# Monitor & Manage

004



Cabin Access Authorization



Environmental Monitoring  
Devices & Sensors



Generator



CCTV & NVR



Biometric  
Access Control



UPS



Air  
Conditioner



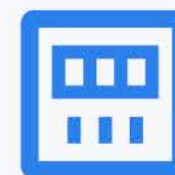
PDU



Fire Control  
Panels



IT Devices  
(Switches,  
Servers,  
Storage, etc.)



Energy  
Analyzer



All ModBus Devices

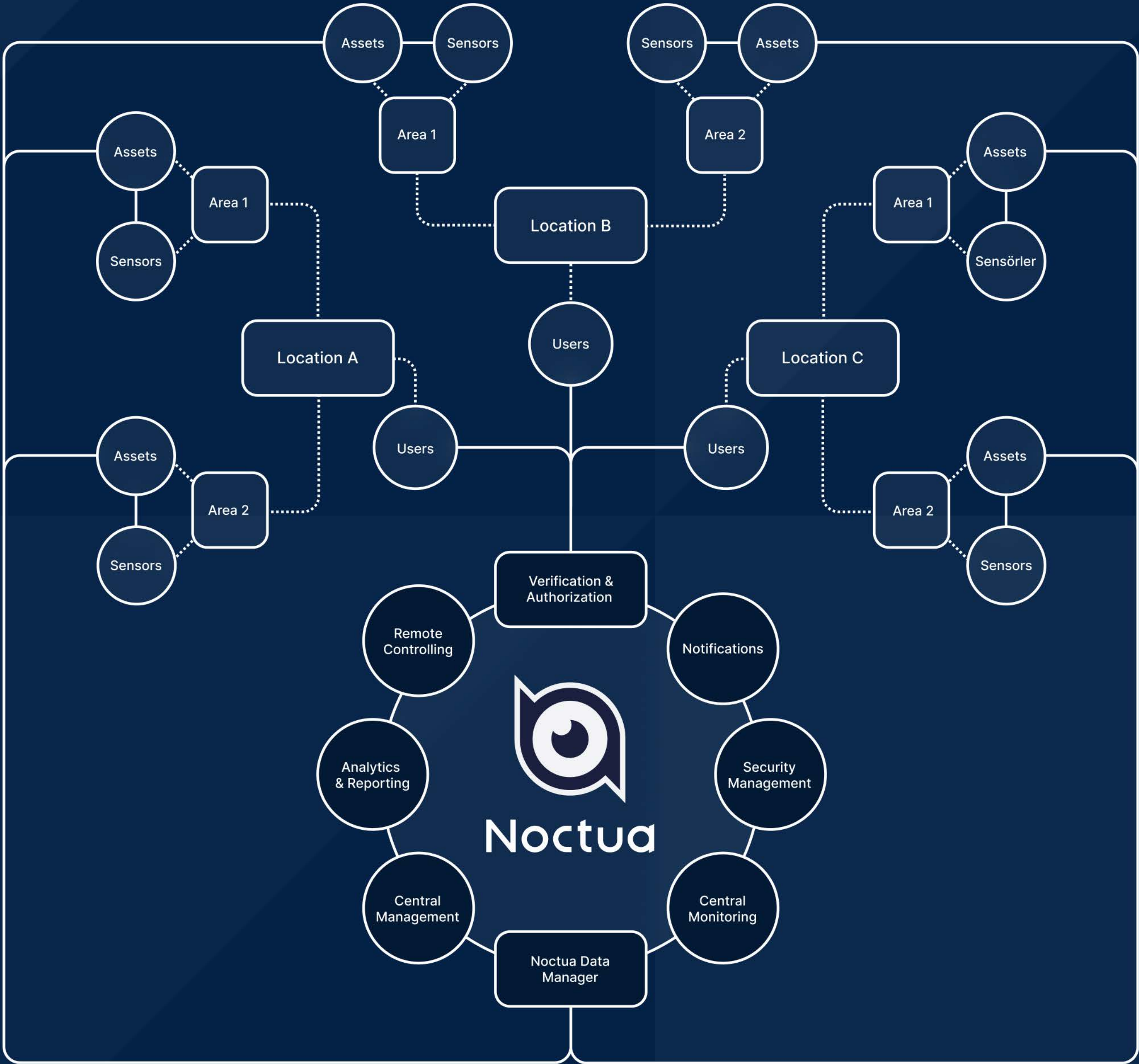


All SNMP Devices



Industrial  
Sensors

# System Architecture



### Notifications\*

|                          |                       |
|--------------------------|-----------------------|
| Mobile Notifications<br> | Web Notifications<br> |
| Email Notifications<br>  | SMS & Phone Call<br>  |
| SNMP Trap & Syslog<br>   | Relay Triggering<br>  |



006



Application Examples

# Data Center / System Rooms



007

Application Examples

# Cold Storages





What can you track?

# Sensors

008



Temperature-Humidty  
Sensor



Air Quality  
Sensor



Air Flow Sensor



Cabinet  
Door  
Sensor



Point Type Water Leak Sensor



Vibration  
Sensor



Industrial Door  
Sensor



Grounding/  
Neutral Voltage  
Measurement



Voltage &  
Frequency  
Measurement



Rope Type Water Sensor



Industrial  
Temperature Sensor



Power On/Off  
Sensor



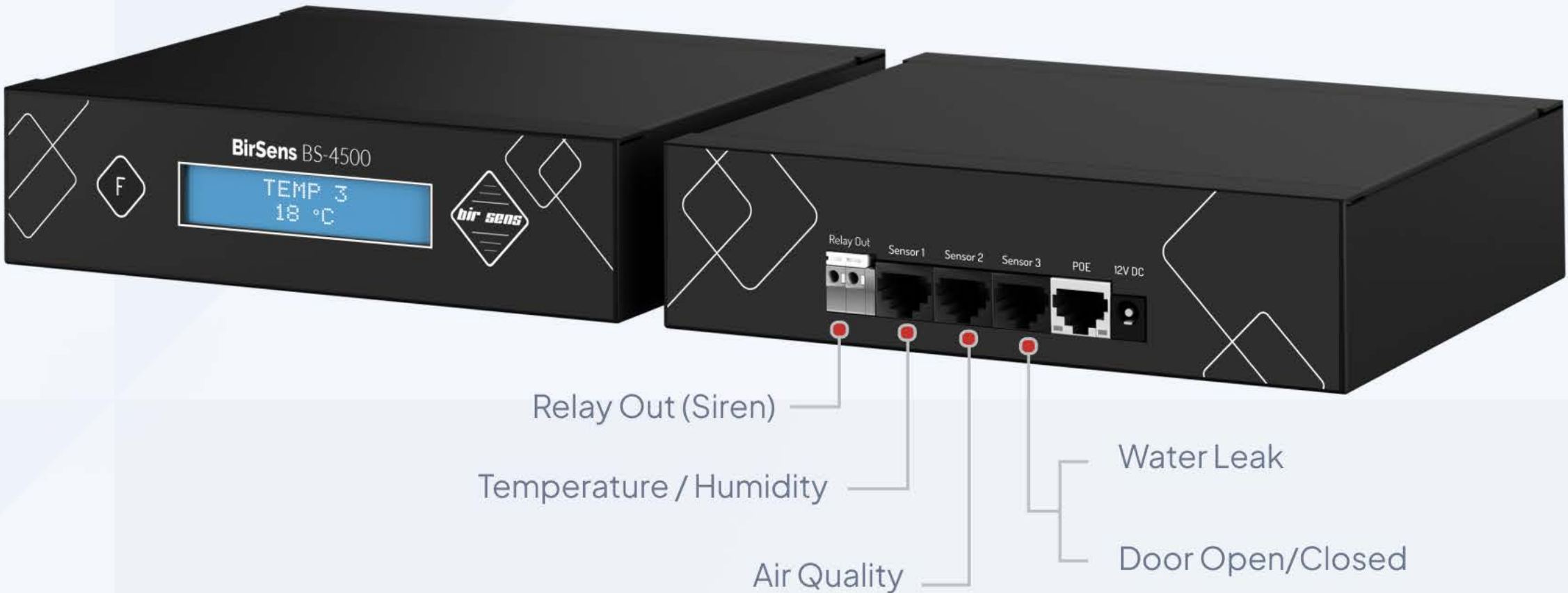
009

Small Environments, Big Demands

# BS 4500

It has 3 digital ports / 6 contact inputs and 1 relay output. The LCD screen and built-in buzzer enable quick monitoring of real-time data and alarm statuses. It is supported by POE.

It integrates with management software to generate and transmit all sensor, status, and alarm data.



Rack Mount Kit



Wall Mount Kit

## IP-based LED Module &amp; Ambient Monitoring

# LM1000 S

LM1000S; It is a device with an LED display that can be managed via an IP-based web interface and also includes an environmental monitoring system. It features 3 digital ports / 6 contact inputs, 1 relay output, and POE support. It works in conjunction with management software to generate and transmit all sensor, status, and alarm data.

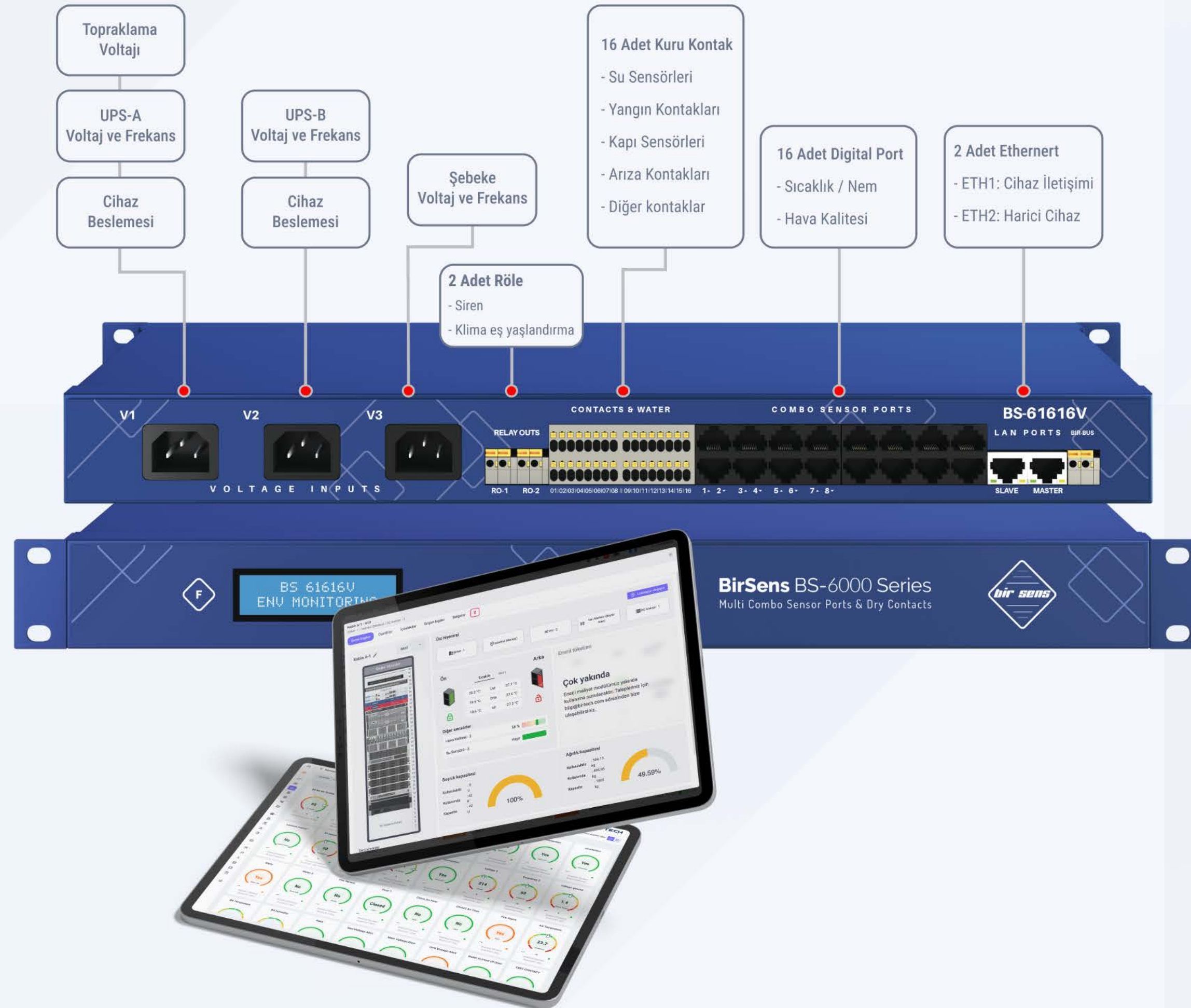
LM1000 is a centralized visual information module that does not feature built-in sensor ports; instead, it reads data over the network from other environment monitoring devices without the need for physical cable connections.



Scalability That Grows With You

# BS 6000 Series

16 digital ports, 16 contact inputs, 2 relay outputs, dual power supply, separately three phase voltage-frequency measurements, grounding/neutral measurement. The LCD screen and built-in buzzer enable quick monitoring of real-time data and alarm statuses. It generates and transmits all sensor, status, and alarm data by working in conjunction with management software.



| Model                     | 6408B | 6408V | 6816B | 6816V | 61616V |
|---------------------------|-------|-------|-------|-------|--------|
| Sensor Port               | 4     | 4     | 8     | 8     | 16     |
| Dry Contact               | 8     | 8     | 16    | 16    | 16     |
| Dual Power Supply (V1/V2) | -     | +     | -     | +     | +      |
| 3 Voltage                 | -     | +     | -     | +     | +      |
| 3 Frequency               | -     | +     | -     | +     | +      |
| Ground Voltage (V)        | -     | +     | -     | +     | +      |



LEAVE THE CONTROL TO IT

# Smart PDU

It is an innovative device designed for use in IT cabinets and areas, featuring 8 ports, IP-based, supporting Ethernet and Wi-Fi, enabling the centralised monitoring and management of the power status of connected IT devices.

Device IP definitions are made on a port basis via the web interface. Devices are continuously monitored according to the usage settings defined via the interface, and if a device is found not to be responding, only the port to which that device is connected is restarted. Instantaneous voltage, current and energy consumption are monitored, and effective energy management is achieved by generating retrospective reports via the management software.



013



BSPW-SC4S

# Single Port Energy and Temperature-Humidity Monitoring Unit

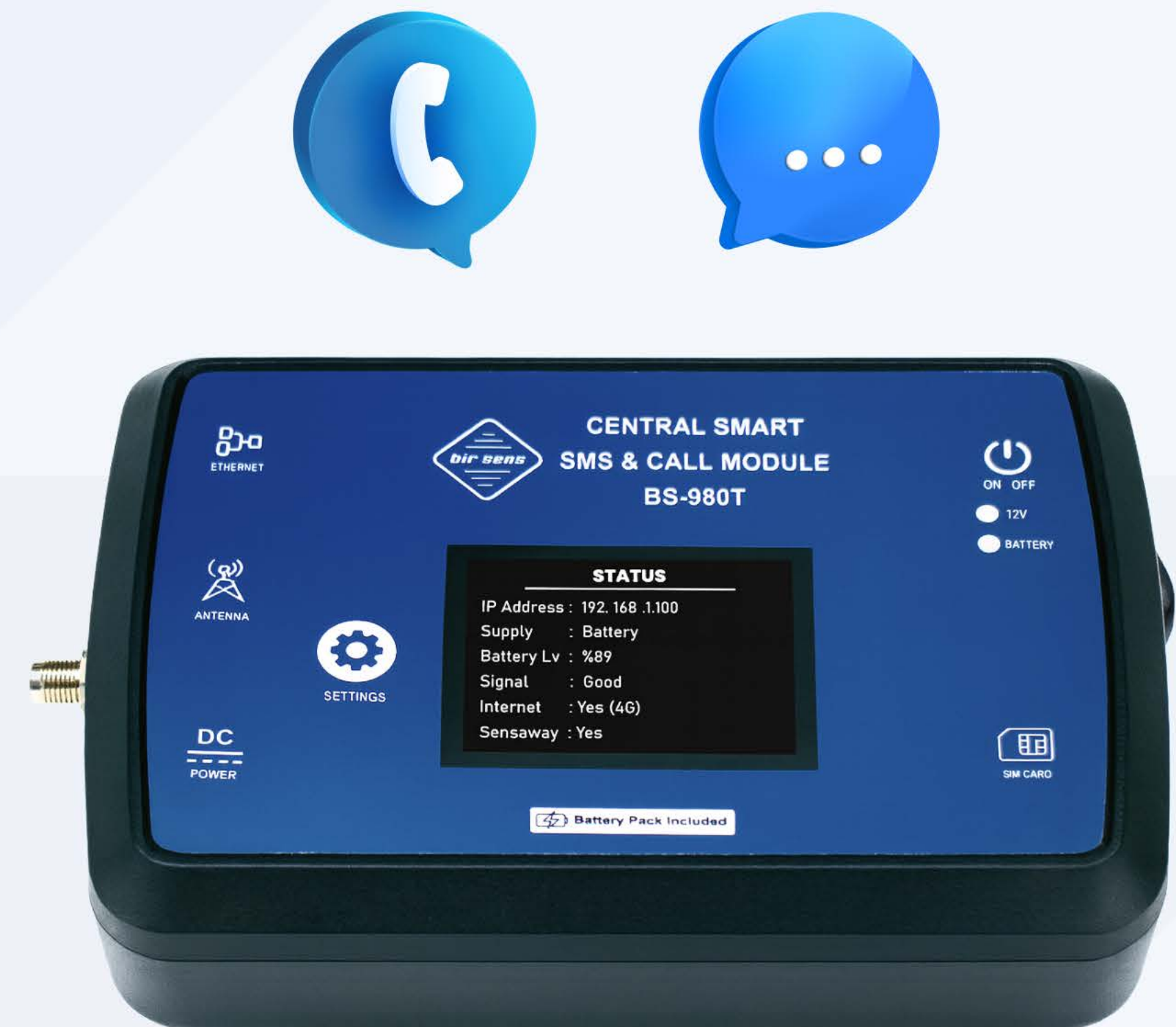
This module monitors environmental conditions using an integrated temperature and humidity sensor, while also tracking energy consumption in real time and offering the ability to remotely switch connected devices on and off. Consumption values can be monitored via the OLED display, detailed management settings can be configured via the web interface, and energy consumption reports can be obtained. Thanks to its practical plug-and-play design, it can be quickly put into operation.



BS-980T

# Central Smart SMS & Phone Call Module

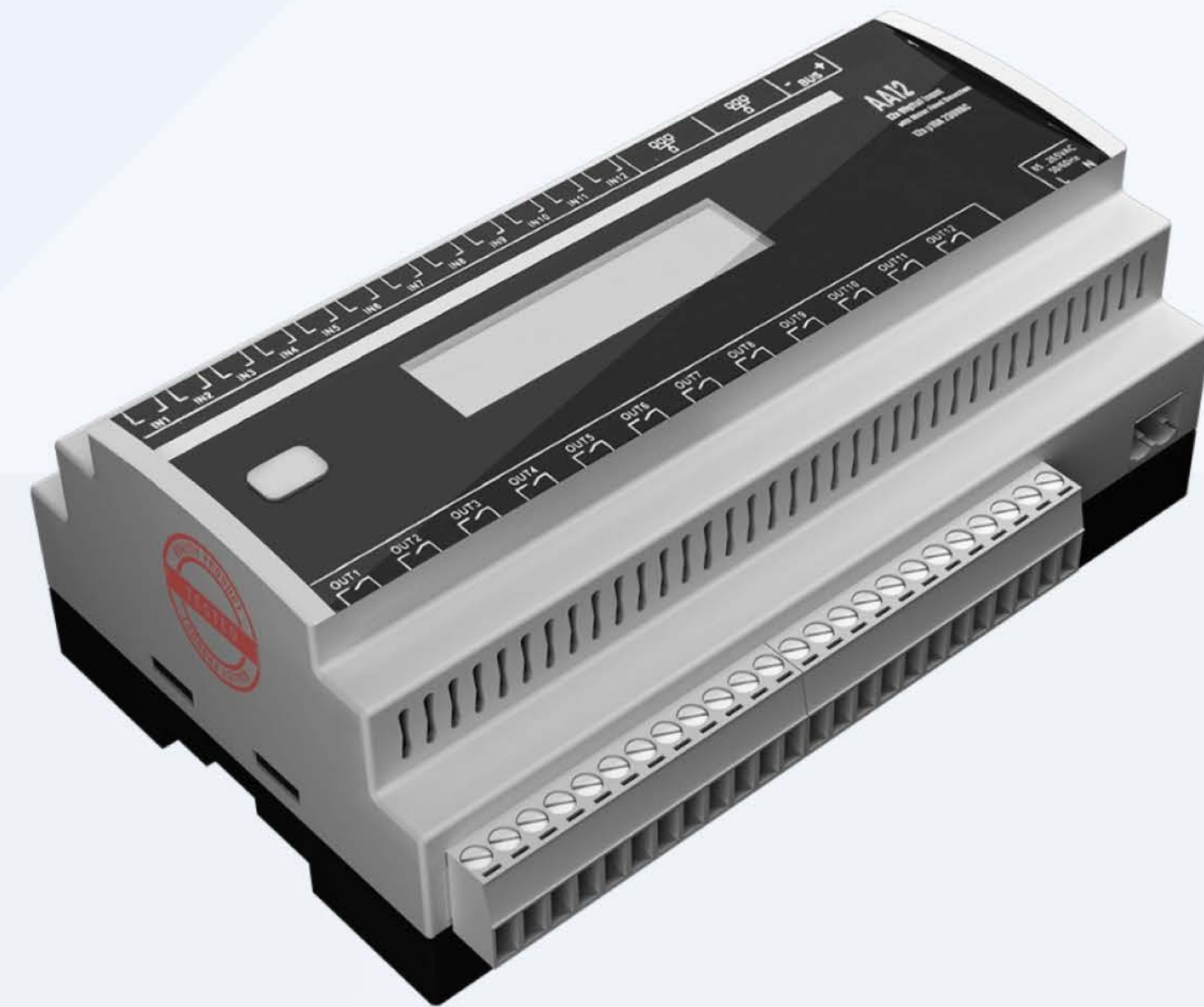
It is an IP-based notification module that informs authorised users via SMS and phone calls of all warning and alarm notifications received from devices and sensors connected to the management software. During power outages, the internal battery backup ensures notifications can be delivered for up to 6 hours. Centralised notification management is provided with a single SMS search module, even in multi-location structures, as notifications are sent via management software.

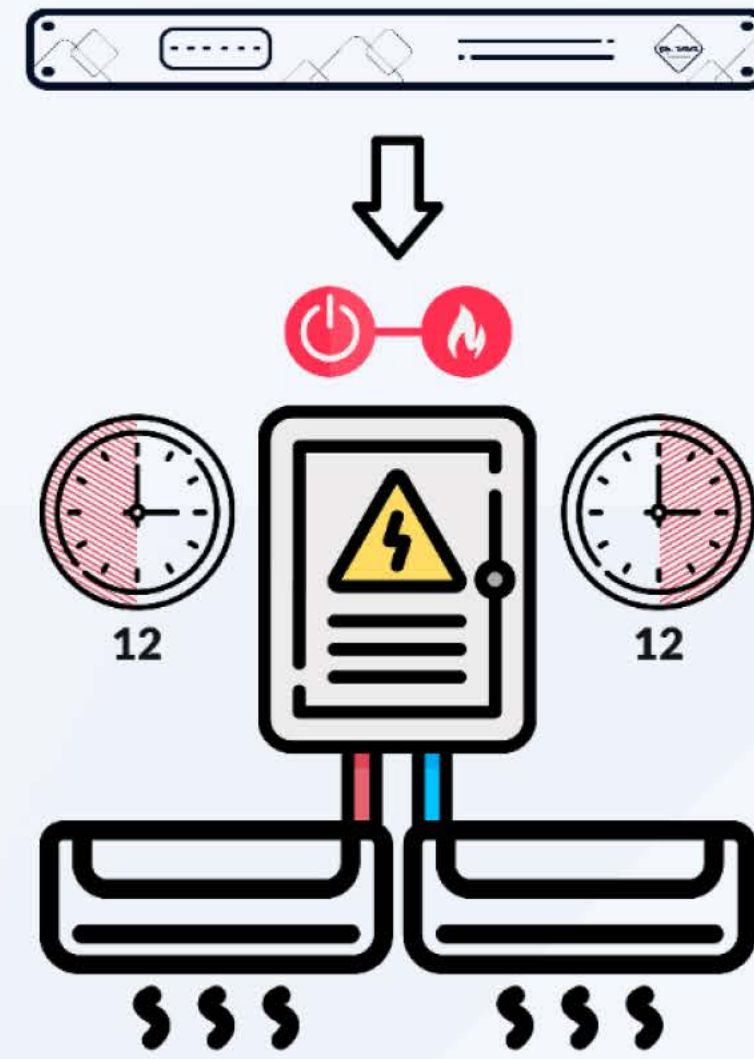


BS-AA12

# Contact Monitoring and Relay Control Module

It adapts to different control scenarios with 12 programmable contact inputs and 12 relay outputs. The LCD screen provides real-time status information. It can be used independently or integrated with management software to generate and transmit data.





KK102

# KK 102 Climate Control and Equal Aging Solution

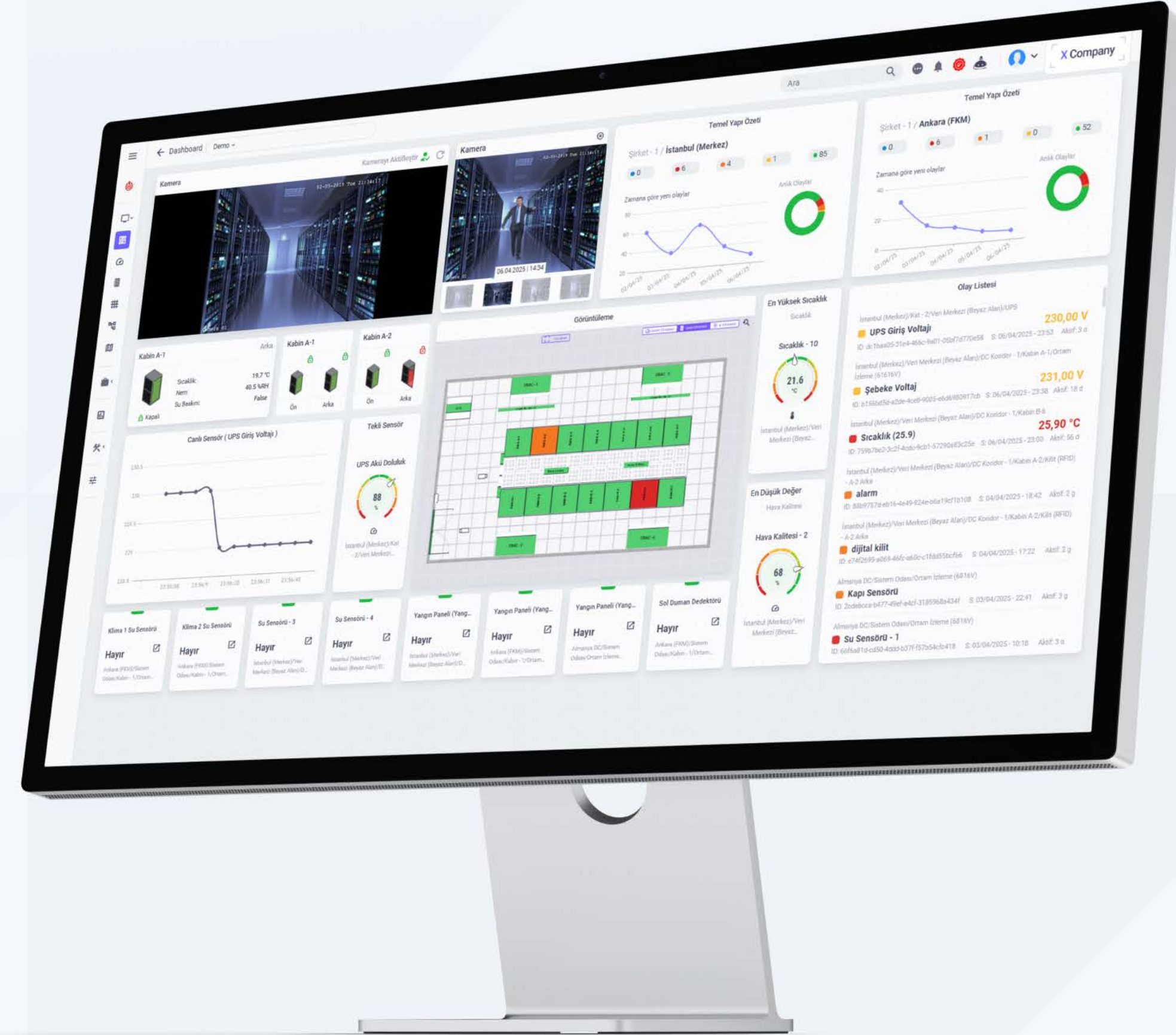
It runs the two air conditioners for 12 hours each in turn, ageing the equipment evenly. If the temperature rises, it will run both air conditioners simultaneously; When normal conditions are restored, it shuts down the backup. When the fire alarm is triggered, it stops both air conditioners.



Motion Detection Support

# Motion Detection with IP Camera

It has motion detection and night vision capabilities. Being IP-based and supporting POE enables flexible and easy installation. It takes photographs while moving in its environment and securely stores them on the server. It sends emails to authorised persons at intervals defined via the management software.



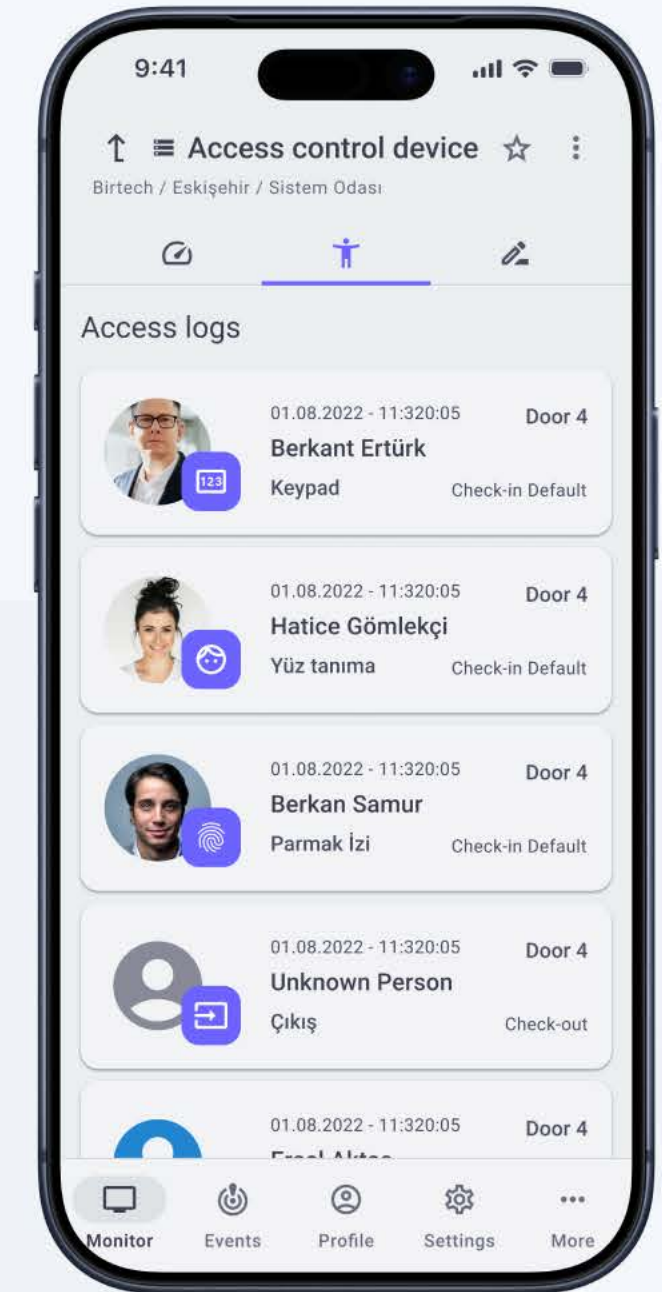


Biometric access module

# Access Control Systems

This device offers secure access control via fingerprint and proximity/Mifare card reader options. The door sensor, which can be integrated as required, also allows the door open/closed status to be monitored.

By connecting to the network in its environment, it creates data and reports through various time, access and authorisation definitions made via the Environment Monitoring Management Software, ensuring effective and centralised access security management.



← Analysis / Door Security Report
Cynthia Blackwood

## Door Security Report

🕒 Date & Time: 22.10.2025 17:00 - 24.10.2025 18:00 ▼

📍 London HQ, Server Room ▼

Generate Report

ⓘ
🕒 Date & Time: 22.10.2025 15:00 - 24.10.2025 18:00
📍 Door Name: London HQ, Server Room
🚪 Door Type: Two Way
➡️ In to: London HQ, Server Room
➡️ Out to: London HQ
Show Sensors Info

| Timeline                           | Access Logs                                                                         | Captured Images | Event Logs                                                                                                                                       | Device Logs                                                                                               |
|------------------------------------|-------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>22.10.2025</b><br>17:30 - 17:45 | <b>Check In</b><br>James Carter<br><small>ZK - 1    22.10.2025 - 17:44:57</small>   |                 | <div style="background-color: red; color: white; padding: 2px;">❗</div> ZK - 1<br>london_hq_server_room_001    17:44:57<br><b>Critical Alert</b> | <div style="background-color: lightblue; padding: 2px;">📄</div> ZK - 1<br>Authorized Access / RFID Card   |
|                                    | <b>Check Out</b><br>Lucas Martin<br><small>ZK - 1    22.10.2025 - 17:41:03</small>  |                 | <div style="background-color: orange; color: white; padding: 2px;">⚠️</div> ZK - 1<br>london_hq_server_room_001    17:41:03<br><b>Warning</b>    | <div style="background-color: lightblue; padding: 2px;">📄</div> ZK - 1<br>Authorized Access / Pin         |
|                                    | <b>Check In</b><br>Lucas Martin<br><small>ZK - 1    22.10.2025 - 17:31:38</small>   |                 | <div style="background-color: red; color: white; padding: 2px;">❗</div> ZK - 1<br>london_hq_server_room_001    17:31:38<br><b>Critical Alert</b> | <div style="background-color: lightblue; padding: 2px;">📄</div> ZK - 1<br>Authorized Access / Pin         |
|                                    | <b>Check In</b><br>Emma Johnson<br><small>ZK - 1    22.10.2025 - 17:30:22</small>   |                 | <div style="background-color: blue; color: white; padding: 2px;">🔌</div> ZK - 1<br>london_hq_server_room_001    17:30:02<br><b>Connection</b>    | <div style="background-color: lightblue; padding: 2px;">📄</div> ZK - 1<br>Authorized Access / RFID Card   |
| <b>22.10.2025</b><br>15:00 - 15:15 | <b>Check In</b><br>Olivia Bennett<br><small>ZK - 1    22.10.2025 - 15:13:31</small> |                 | <div style="background-color: red; color: white; padding: 2px;">❗</div> ZK - 2<br>london_hq_server_room_002    15:13:57<br><b>Critical Alert</b> | <div style="background-color: lightblue; padding: 2px;">📄</div> ZK - 2<br>Authorized Access / Fingerprint |
|                                    | <b>Check Out</b><br>Noah Williams<br><small>ZK - 1    22.10.2025 - 15:09:56</small> |                 | <div style="background-color: orange; color: white; padding: 2px;">⚠️</div> ZK - 2<br>london_hq_server_room_002    15:08:11<br><b>Warning</b>    | <div style="background-color: lightblue; padding: 2px;">📄</div> ZK - 2<br>Authorized Access/ Fingerprint  |
|                                    | <b>Check In</b><br>Noah Williams<br><small>ZK - 1    22.10.2025 - 15:07:13</small>  |                 | <div style="background-color: red; color: white; padding: 2px;">❗</div> ZK - 2<br>london_hq_server_room_002    15:07:30<br><b>Critical Alert</b> | <div style="background-color: lightblue; padding: 2px;">📄</div> ZK - 2<br>Authorized Access / Fingerprint |
|                                    | <b>Check In</b><br>Sophia Brown<br><small>ZK - 1    22.10.2025 - 15:02:03</small>   |                 | <div style="background-color: orange; color: white; padding: 2px;">⚠️</div> ZK - 2<br>london_hq_server_room_002    15:04:20<br><b>Alert</b>      | <div style="background-color: lightblue; padding: 2px;">📄</div> ZK - 2<br>Authorized Access / Pin         |

Bildirim Maili

## Kapı Bildirimi

04.08.2025 17:10 — 04.08.2025 17:20

### giriş kapısı

İstanbul



24-04-2024

CAMERA 04



24-04-2024

CAMERA 04

#### Geçiş Var

Eskişehir, UPS Odası, Sıcak Hava Koridoru, ZKT F18 MF-105

**Evet**

Başlangıç Zamanı 04.08.2025 17:13

Kapanma Tarihi 04.08.2025 17:14

Süre 1 dakika

MiFare RFID Kart [ Giriş Kapısı ]

Unknown (Ahmet Apaydın[4])

04.08.2025 17:12

**Check-In**

#### kamera hareketi

İstanbul, Sistem Odası, Haikon II

**Evet**

Başlangıç Zamanı 04.08.2025 15:11

Süre 2 saat 8 dakika

#### kapı

Eskişehir, UPS Odası, Sıcak Hava Koridoru, ZKT F18 MF-105

**Açık**

Başlangıç Zamanı 31.07.2025 12:10

Kapanma Tarihi 04.08.2025 17:14

Süre 4 gün 5 saat 4 dakika



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## Detailed Access Tracking & Record Management

All access events are logged based on time, user, and authorization level. These records can be analyzed through detailed retrospective reports using advanced filtering options.

## Door Notifications

Through the Noctua software, you can define doors and pair them with open/close sensors. System alerts—including tamper alarms, motion detection from cameras, and event snapshots—are delivered in a clean, organized, and readable format.

No need for dozens of notifications for a single event; it's all in one notification.

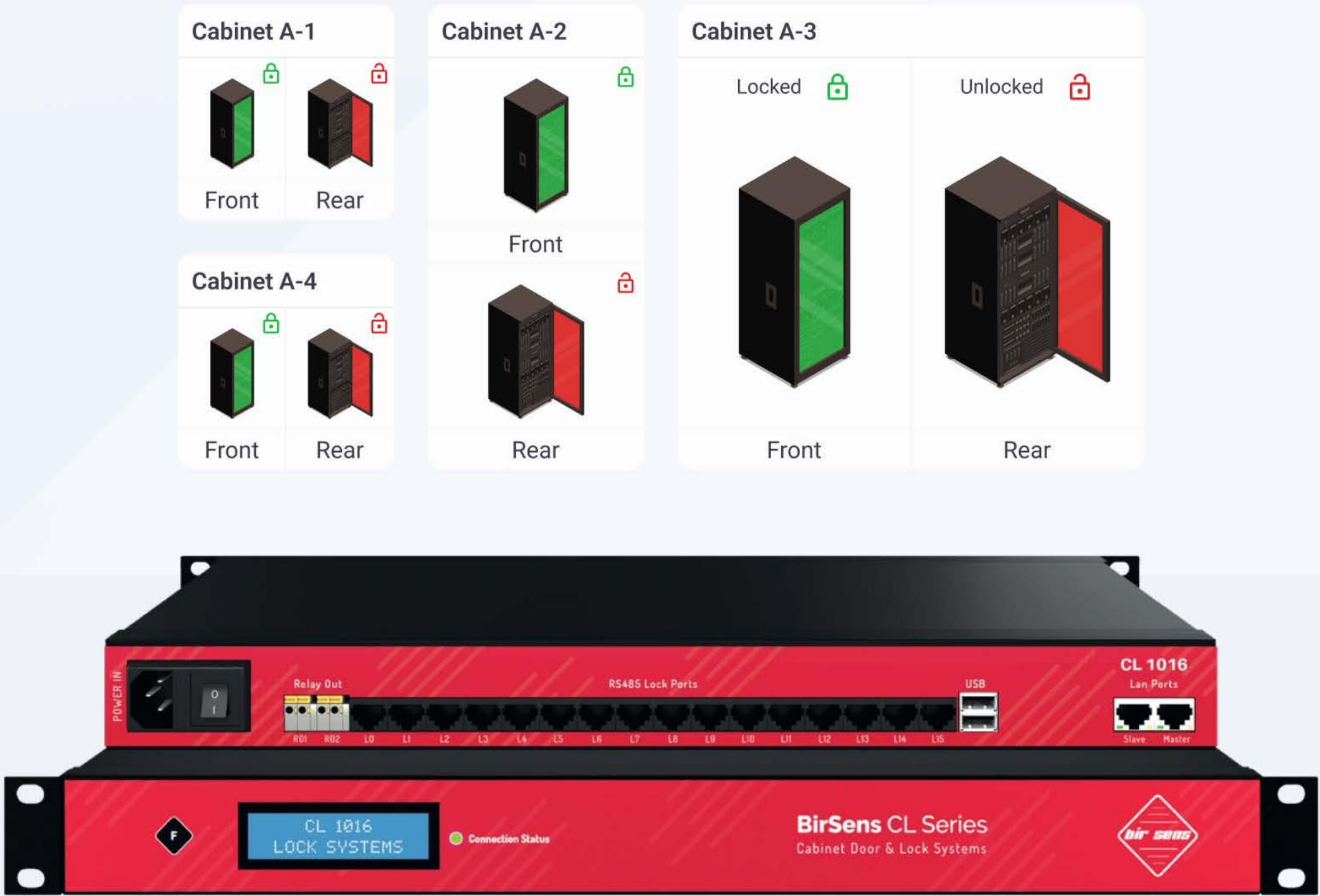


DOORS ARE OPEN ONLY TO AUTHORISED PERSONS

# Cabinet Door & Lock Monitoring

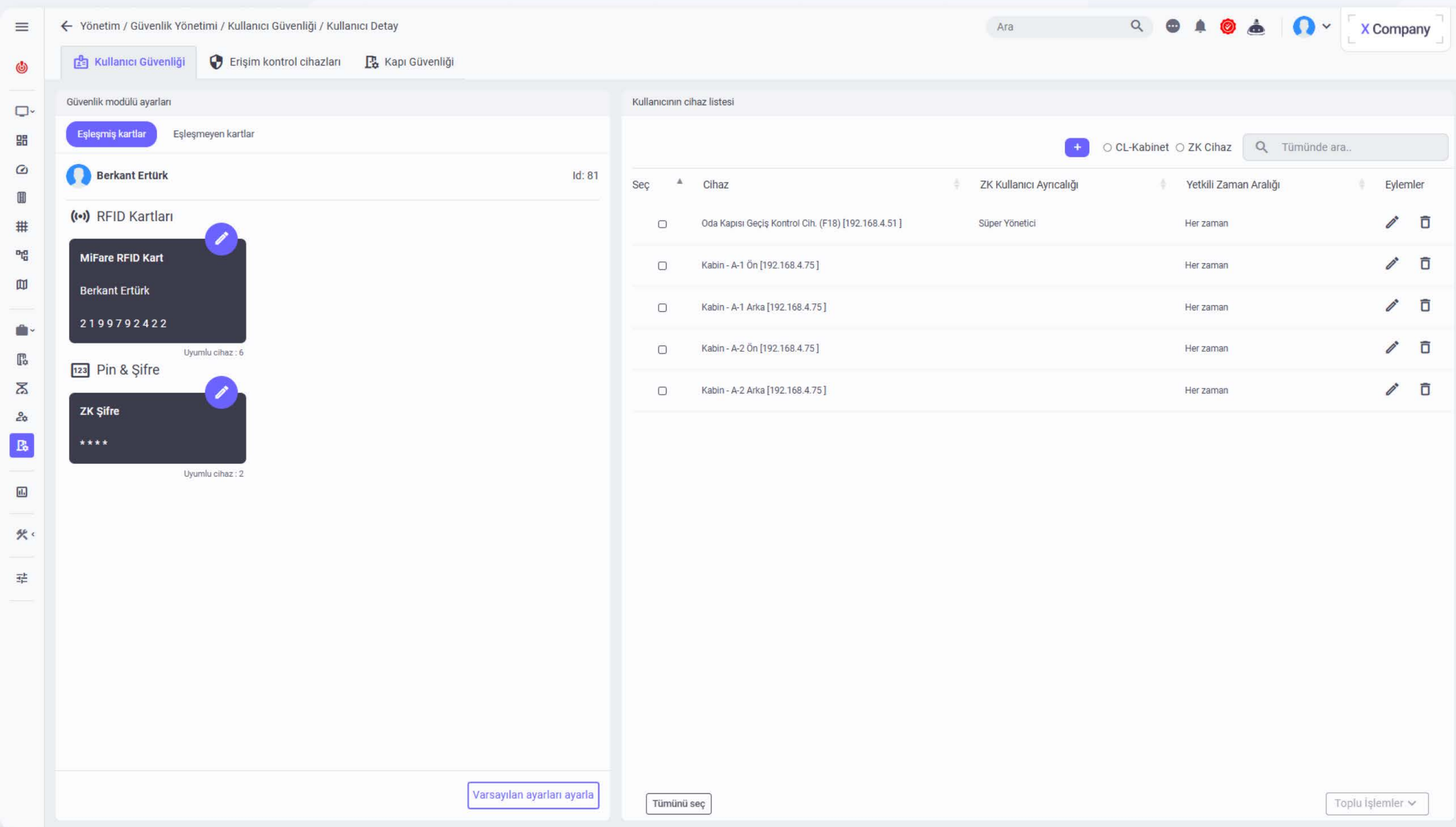
The BirSens CL Series is a professional security solution that enables remote monitoring and management of data centre cabinet doors. This system records who opened the doors, when they were opened, and how long they remained open, enabling you to define customized access permissions for users based on front and back doors and supporting remote door opening. Thanks to models with sensor ports, it offers the ability to monitor environmental conditions.

| Model                | CL1004 | CL1004S | CL1008 | CL1008S | CL1016 | CL1016S |
|----------------------|--------|---------|--------|---------|--------|---------|
| Lock Port            | 4      | 4       | 8      | 8       | 16     | 16      |
| External Door Sensor | 8      | 8       | 16     | 16      | 32     | 32      |
| Relay Output         | 2      | 2       | 2      | 2       | 2      | 2       |
| Sensor Port          | -      | 3       | -      | 3       | -      | 3       |

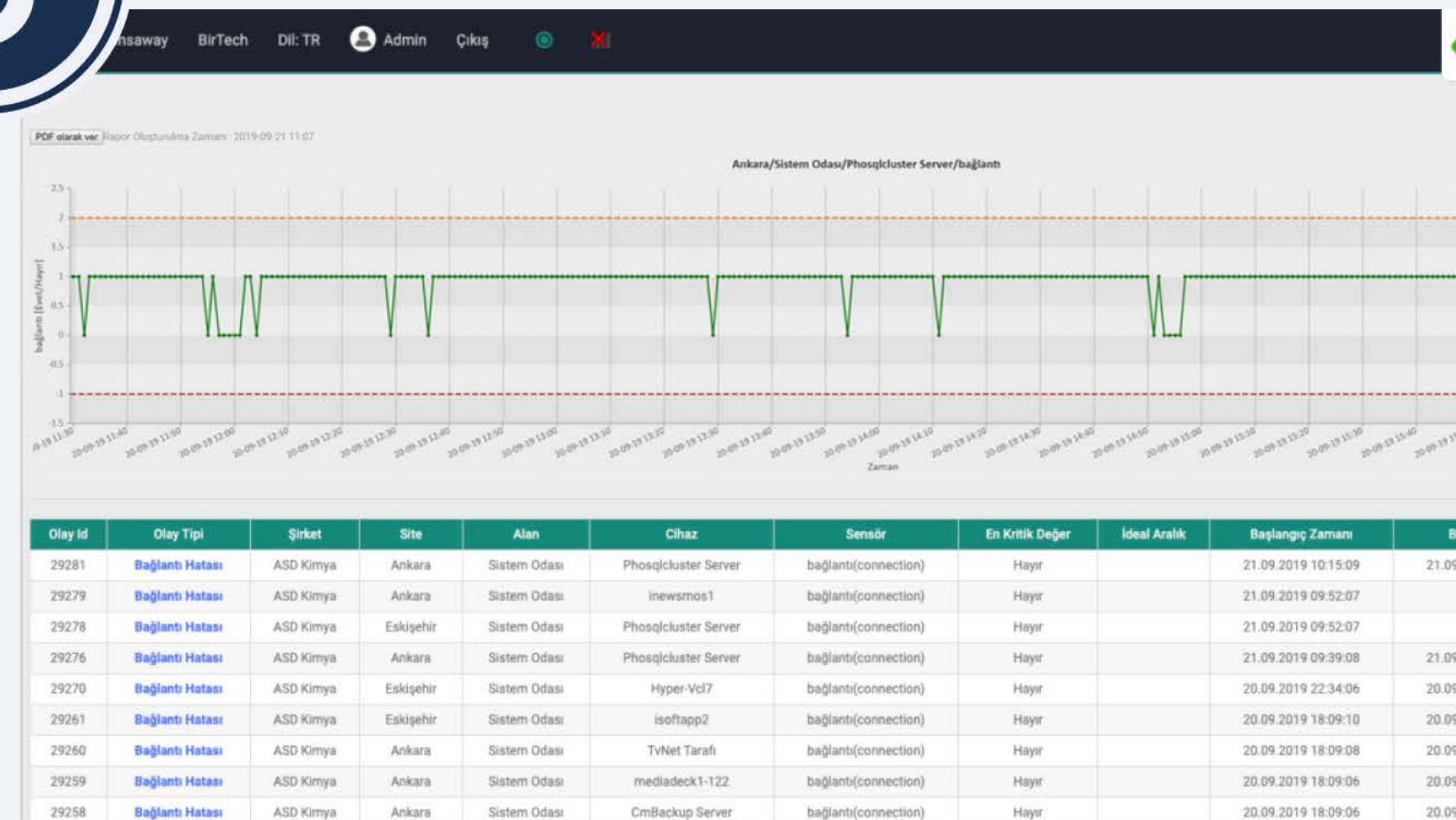
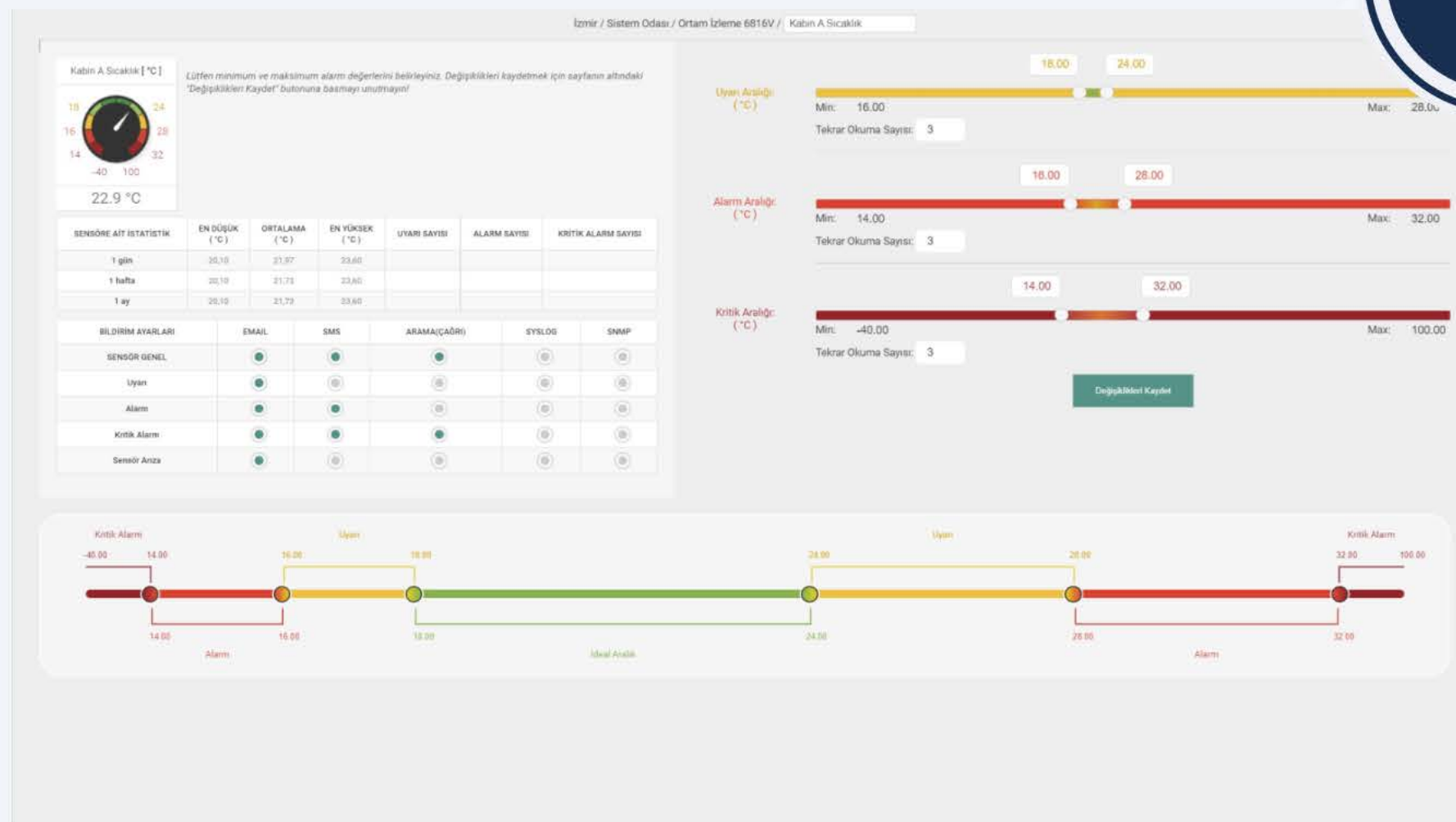
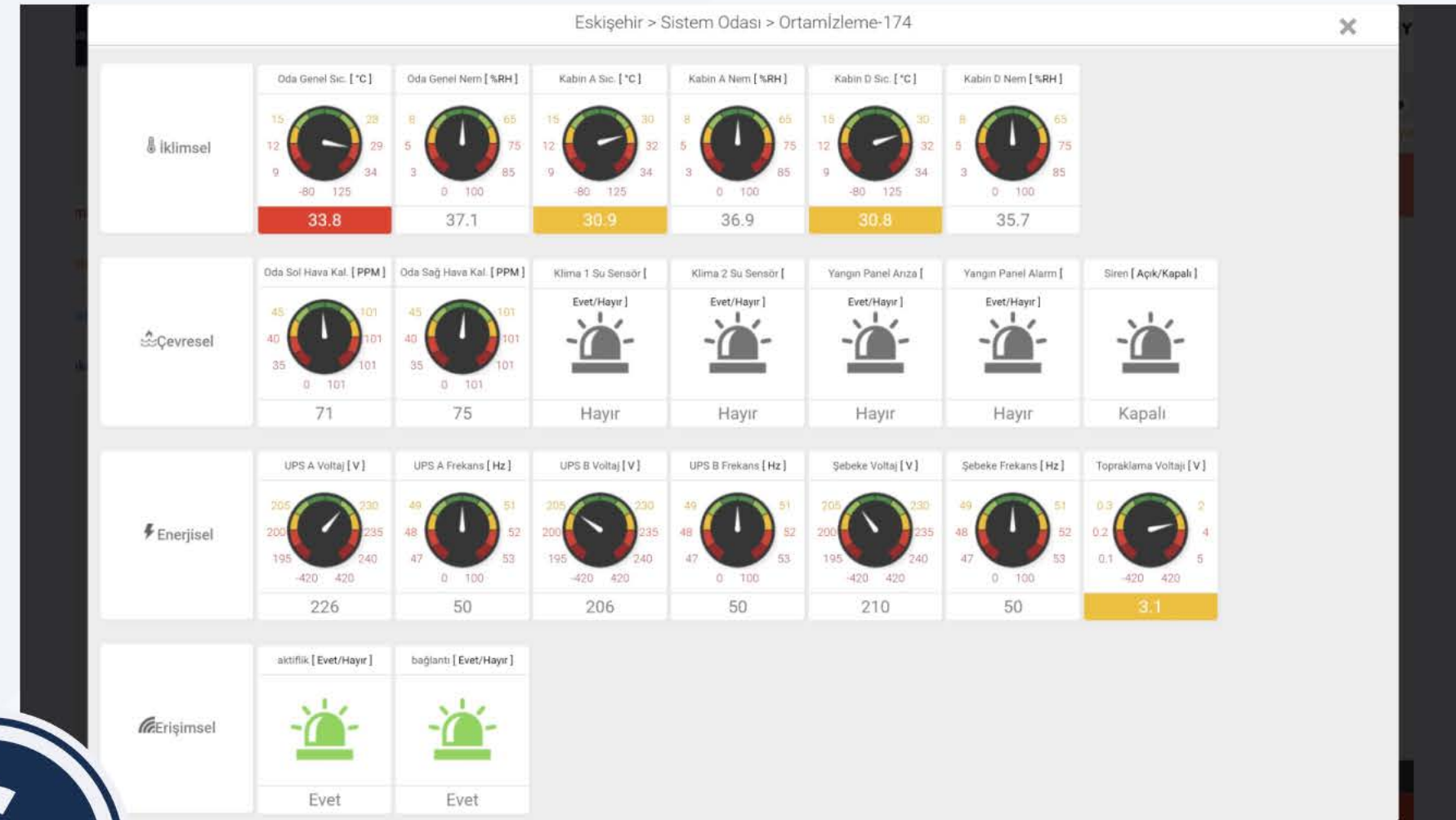
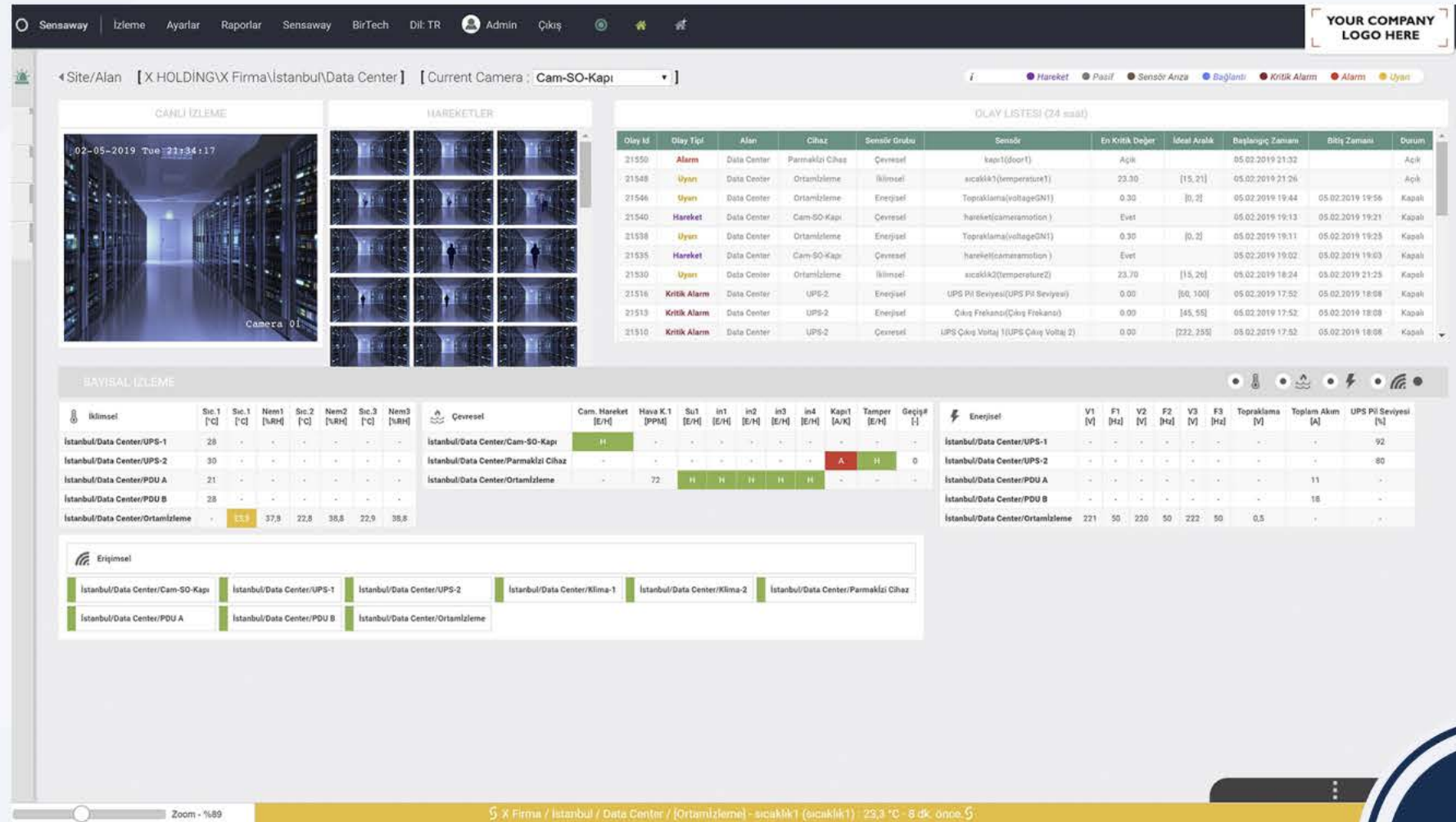


021

Access permissions can be managed in detail by matching on-device users with software users. Authorization can be granted across different devices using fingerprint, card, or keypad passwords.



# Environment Monitoring Software





023



Developed for data centers and critical areas, this is a modern, intelligent infrastructure management and monitoring software with multi-site management, automation, and integration capabilities.



**5+ Years** of Development Process



**12 Years** of Sensaway Experience

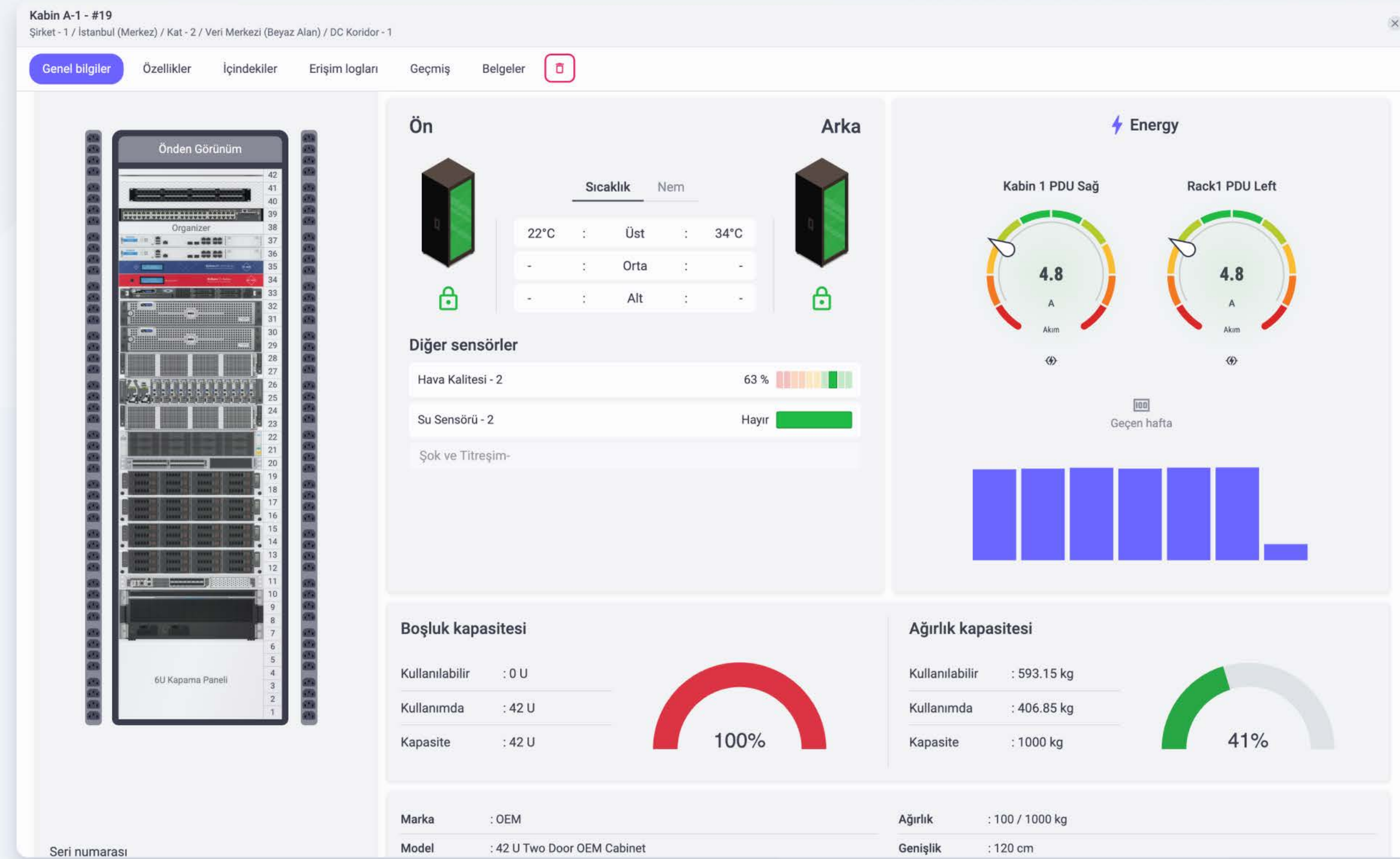


**1,000+** Customer  
Feedback

Monitor your entire infrastructure in real time and see critical changes instantly.

# Infrastructure Asset and Data Center Management

- Central Infrastructure Asset Management
- Cabinet and Rack Management
- Air Corridor Definition and Monitoring
- Inventory Documents
- Network Port Monitoring



SNPM / MODBUS

# Asset Management & Monitoring

- Custom dashboard widgetlar
- Asset & Mib Library
- Ready-made data reading templates
- Maintenance and document tracking



UPS



AC Units



PDU



Generators



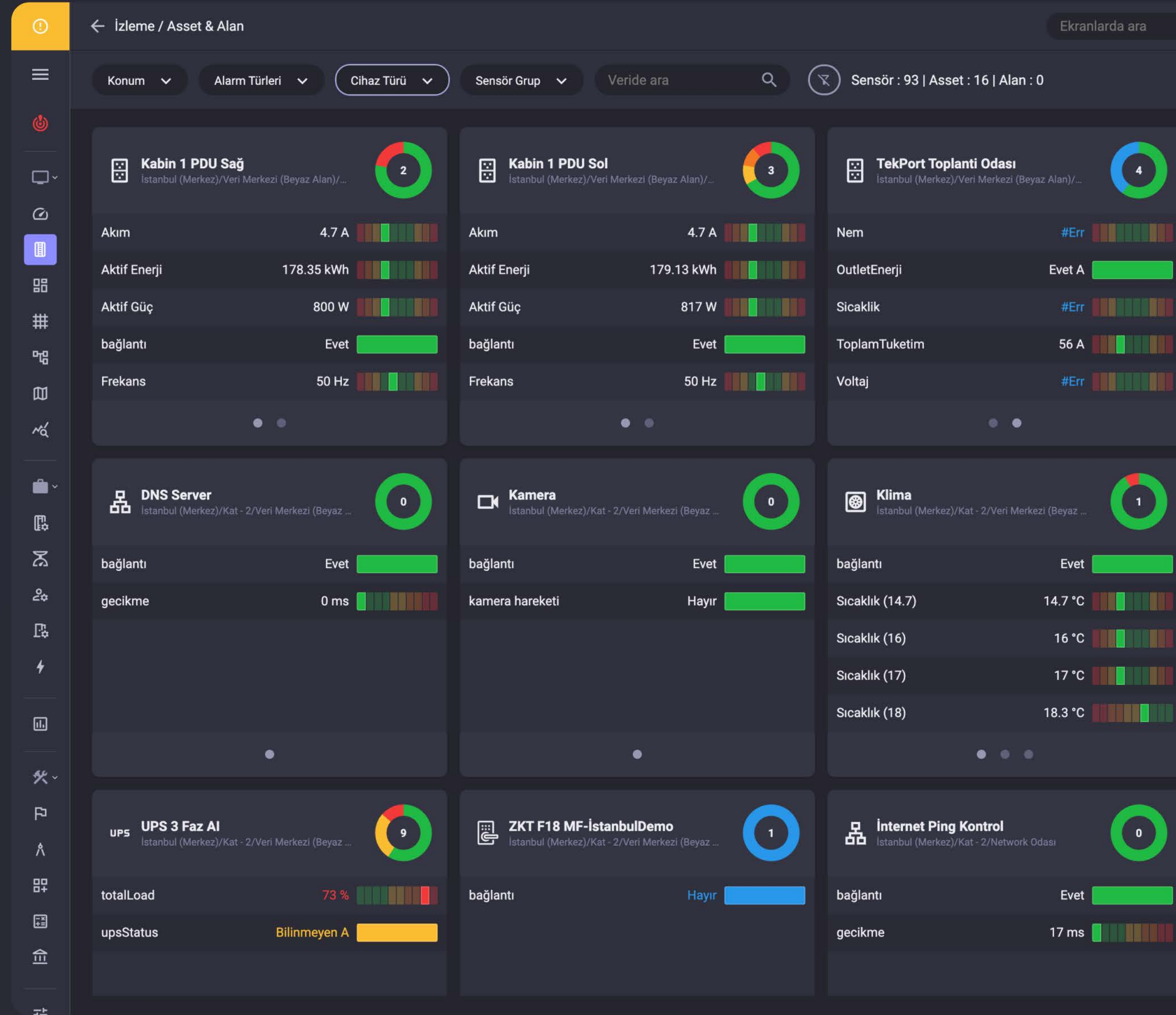
Fire Panels



Energy Analyzer



IT Devices

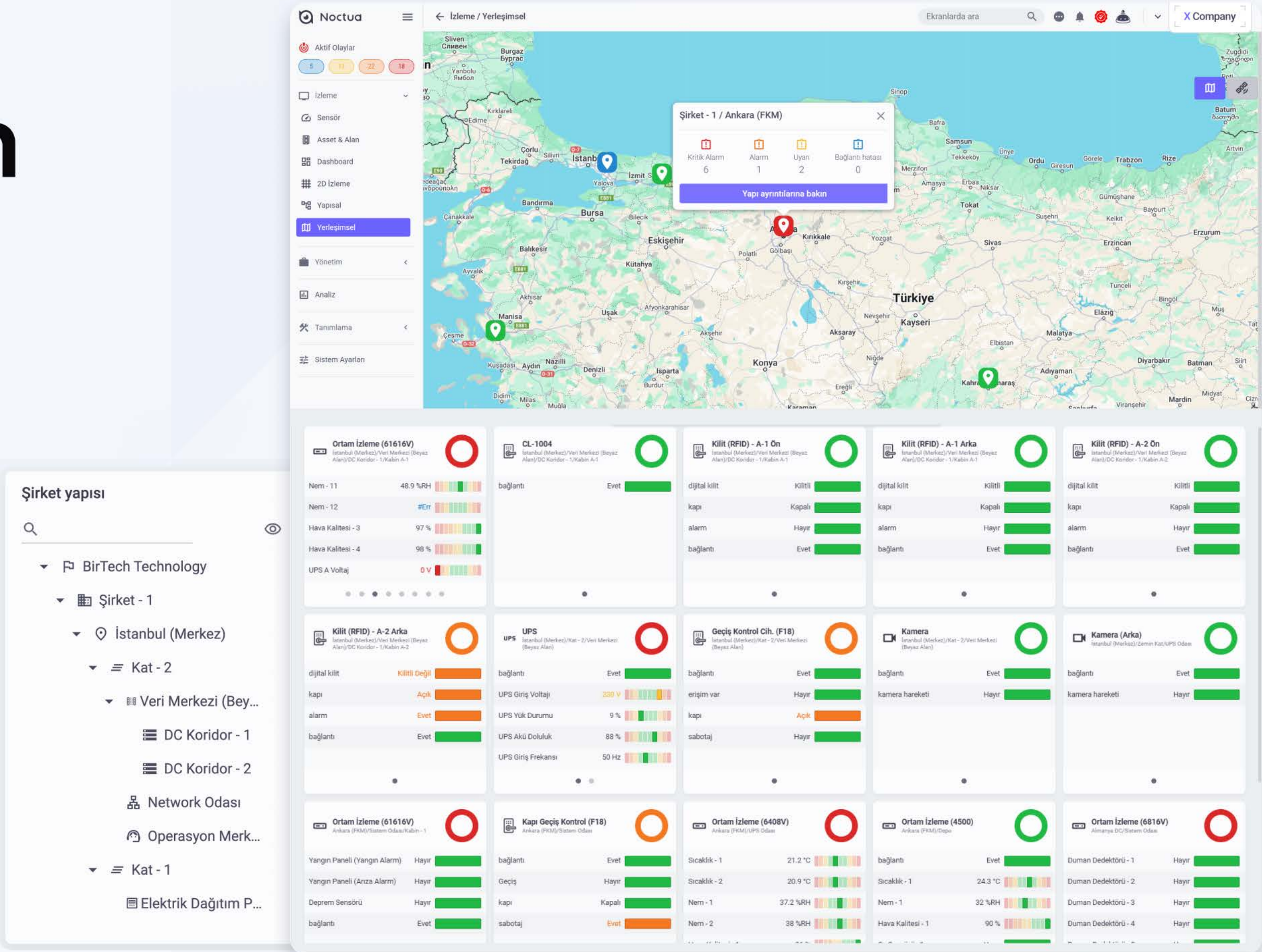
All  
ModBus  
devicesAll SNMP  
devices

Manage All Locations from a Single Center

# Centralized & Hierarchical Location Management

With this multi-layered structure:

- Simplify and visualize complex physical organizations with ease.
- Monitor and manage each location independently based on its specific position.
- Define custom rules for every level with smart alarm and event management, enabling instant action in critical situations.
- Focus alerts, analytics, and reporting on the right level and the correct component.
- View all locations on a single screen via the centralized map view, ensuring operational integrity and continuous control.



027

Monitor your entire infrastructure in real-time and catch critical changes instantly.

# Environmental Monitoring

- Real-time status tracking
- Visualized Data & Dashboards
- Alerts & Automated Notifications



No unnecessary repetition, no more distractions.

# Older events, fewer notifications

🕒 0-24 Hours



Often

🕒 2-3 Days

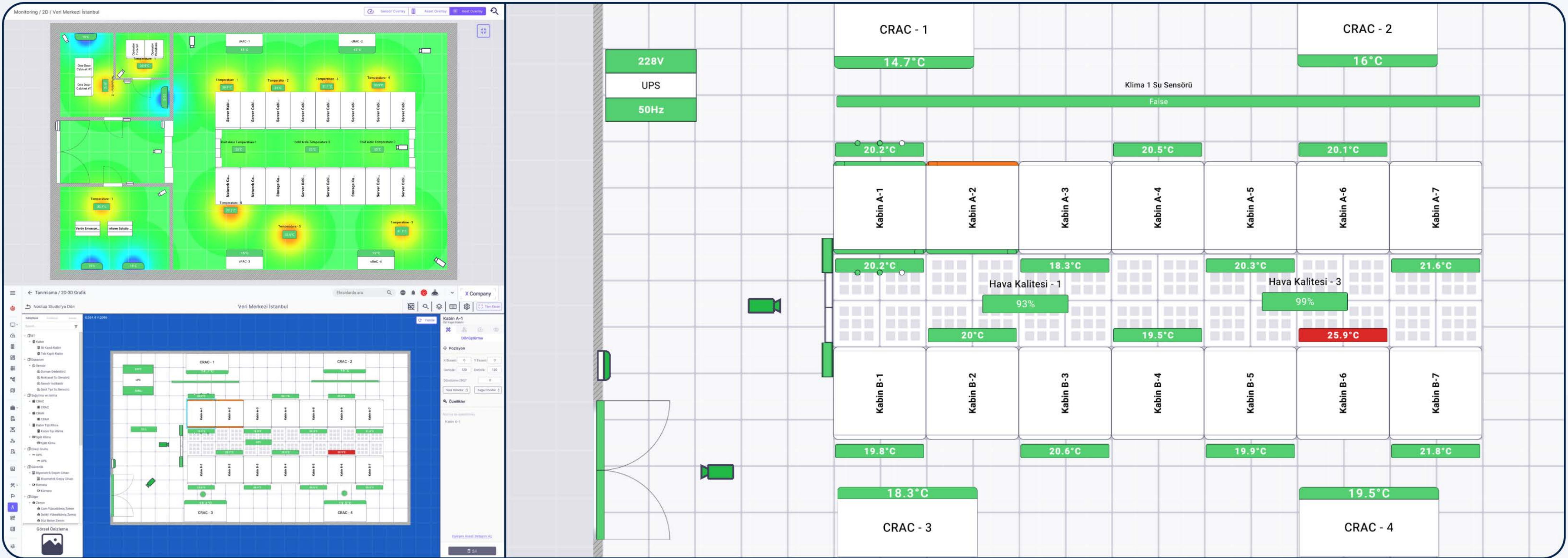


Occasional

🕒 1 Week+



Once in a while



# 2D Visualization

Visualize all the areas you are monitoring (data centers, technical rooms, cold storage, pharmaceutical warehouses, archive rooms, etc.) on a representative architectural drawing.

# Super Sensor

030

## What is Super Sensor?

Super Sensor is an advanced sensor system that can be designed using a drag-and-drop method with a user-friendly interface, without requiring any coding knowledge.

## How Does it Work?

The created Super Sensor continuously monitors data according to the rules you define and works just like physical sensors. When an out-of-threshold situation is detected, it sends instant notifications and generates reports. This allows you to manage your monitoring processes more efficiently, proactively, and quickly, and to intervene in potential problems immediately.



+ Add (Plus)

Inputs

Input Count0Value Out0

Output

Max

Inputs

Input Count0Value Out0

Output

Timer

Inputs

ActivenessTrueDay0

ResetFalseHour0

Minute24

Second42

Outputs

And Gate

Inputs

Input Count0Value Out0

Output

Or Gate

Inputs

Input Count0Value Out0

Output

Multiply

Inputs

Value Count0Value Out0

Output

Standart Sensor

dewpoint (unnamed)

Output

Value Out0

Birtech / İzmir / Sistem Odası / Kor2 / Cab4

Mod

Inputs

Input 10Value Out0

Input 20

Output

Rule

Value >= Value

Inputs

Input 10Value Out0

Input 20

Output

Result

Temperature

Input

Input 1Value

Birtech / İzmir / Sistem Odası / Kor2 / Cab4

Result

Temperature

Input

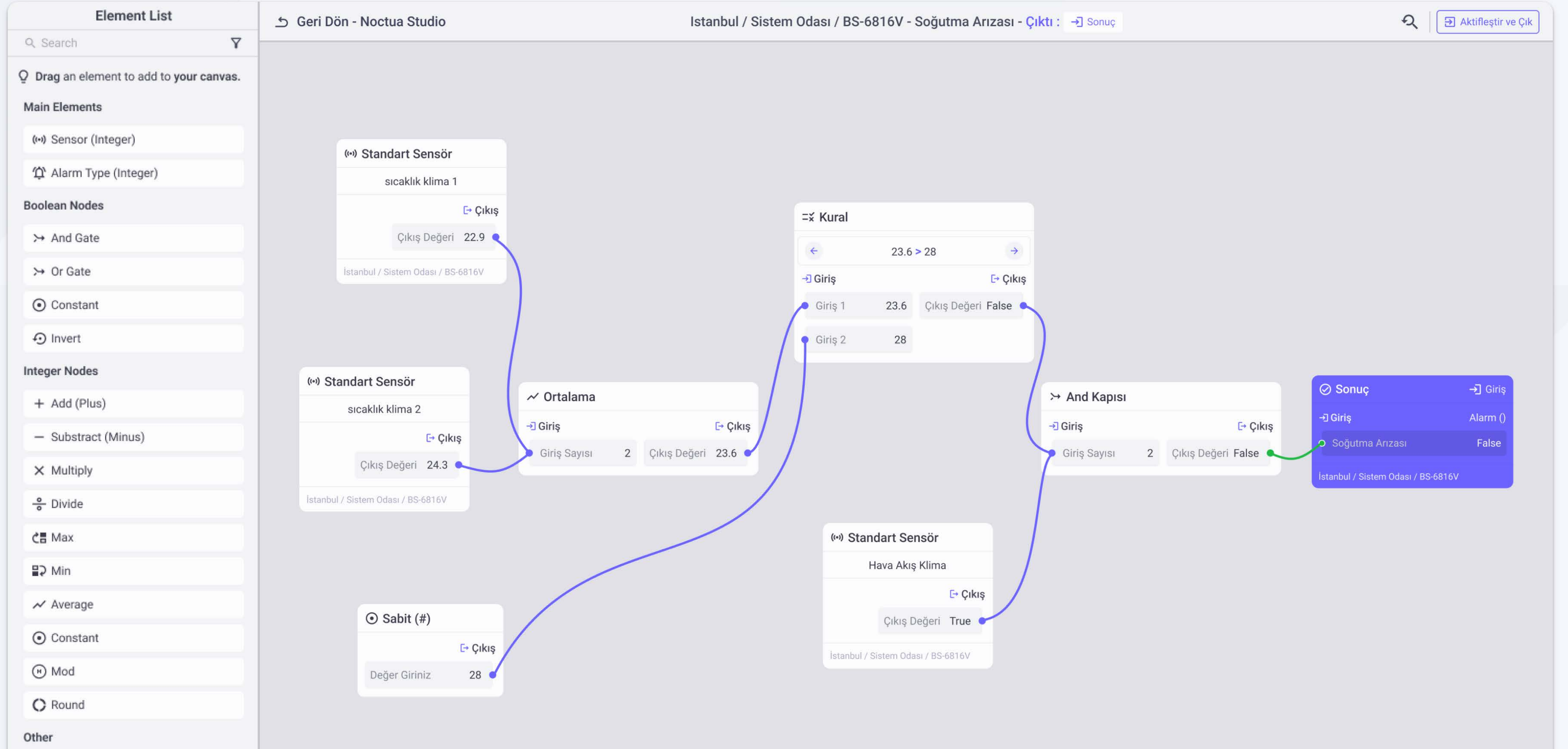
Input 1Value

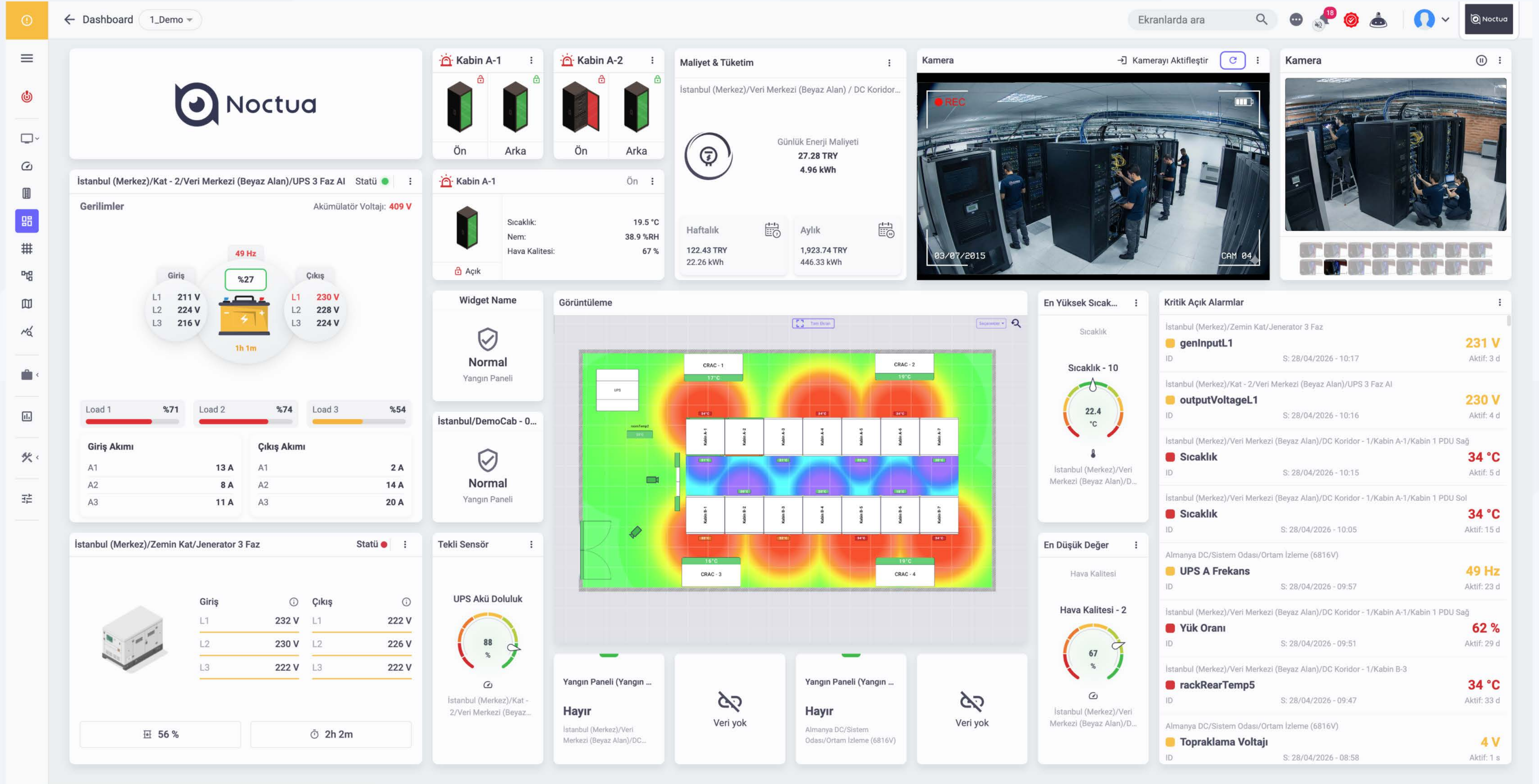
Write to: relay (unnamed)

Birtech / İzmir / Sistem Odası / Kor2 / Cab4

# Super Sensor

031

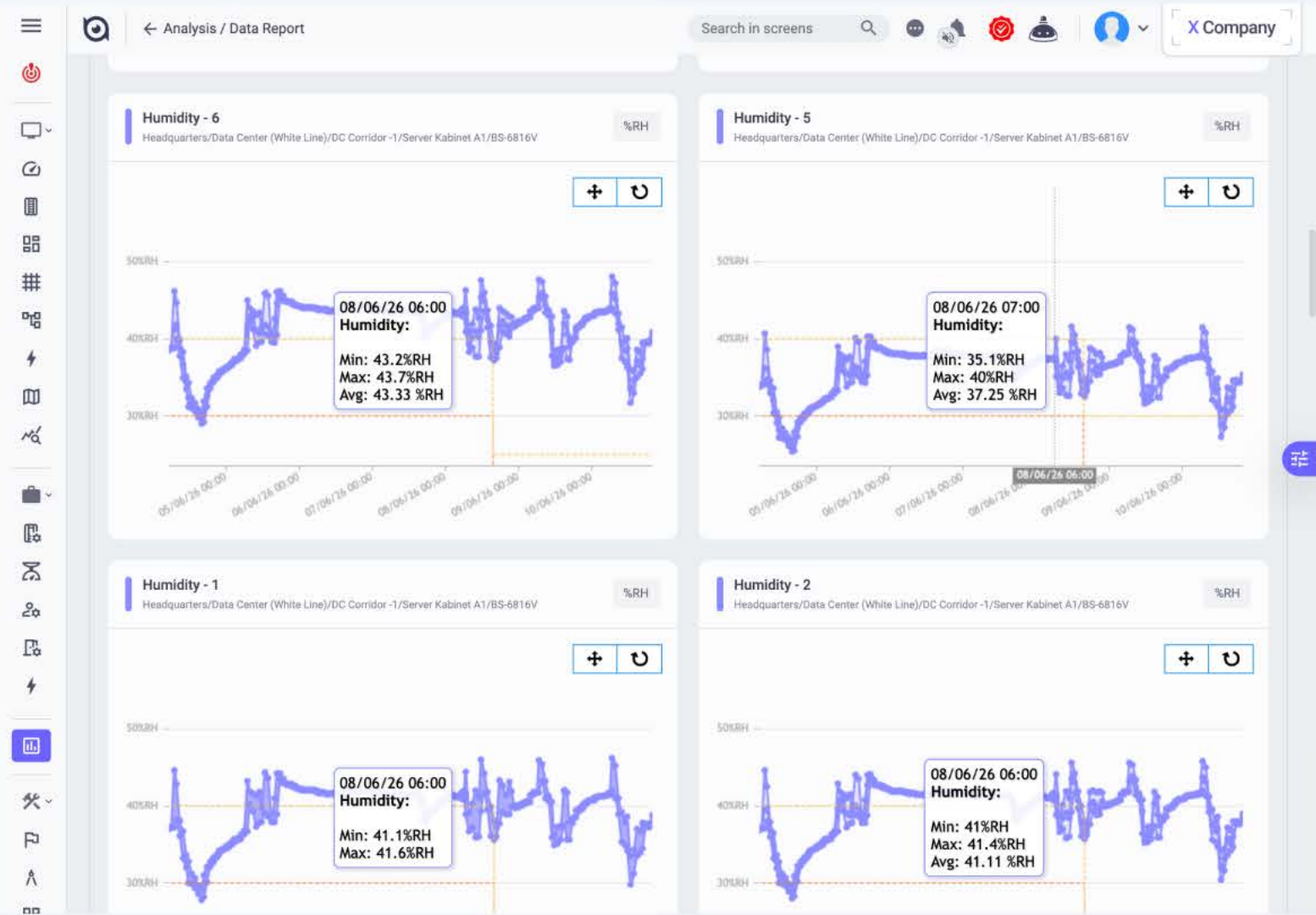
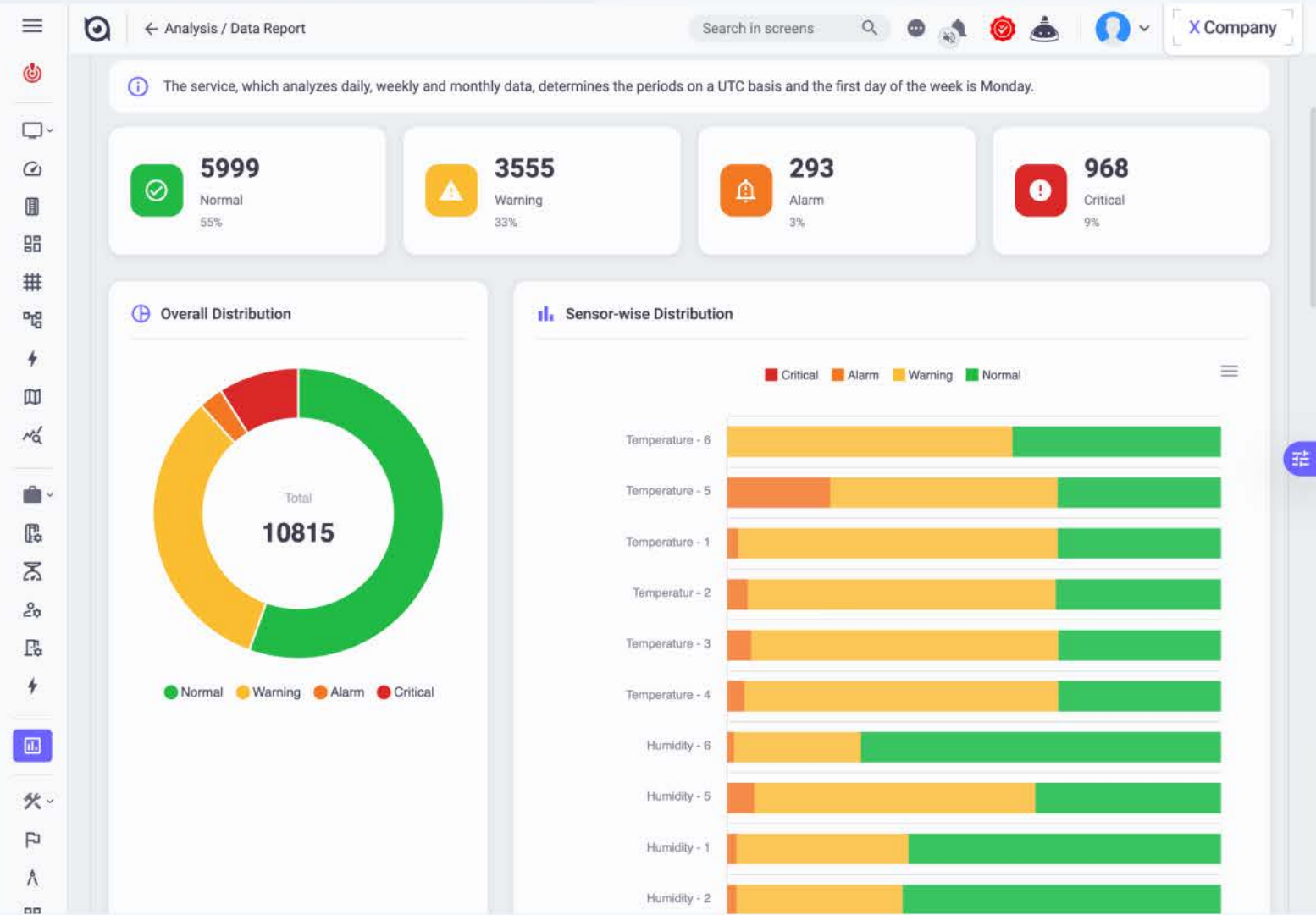




# Rich Reporting Options



033



Analysis / Data Report

Search in screens

X Company

Detailed Breakdown

| Sensor            | Total | Normal | Warning | Alarm | Critical | Alarm Rate | Distribution |
|-------------------|-------|--------|---------|-------|----------|------------|--------------|
| Temperature - 6   | 580   | 245    | 335     | 0     | 0        | 58%        |              |
| Temperature - 5   | 580   | 192    | 267     | 121   | 0        | 67%        |              |
| Temperature - 1   | 580   | 192    | 375     | 13    | 0        | 67%        |              |
| Temperature - 2   | 580   | 194    | 362     | 24    | 0        | 67%        |              |
| Temperature - 3   | 580   | 191    | 361     | 28    | 0        | 67%        |              |
| Temperature - 4   | 580   | 191    | 369     | 20    | 0        | 67%        |              |
| Humidity - 6      | 580   | 423    | 149     | 8     | 0        | 27%        |              |
| Humidity - 5      | 580   | 218    | 330     | 32    | 0        | 62%        |              |
| Humidity - 1      | 580   | 367    | 202     | 11    | 0        | 37%        |              |
| Humidity - 2      | 580   | 374    | 195     | 11    | 0        | 36%        |              |
| Humidity - 3      | 580   | 359    | 209     | 12    | 0        | 38%        |              |
| Humidity - 4      | 580   | 361    | 207     | 12    | 0        | 38%        |              |
| Air Quality - 2   | 580   | 191    | 0       | 1     | 388      | 67%        |              |
| Air Quality - 1   | 580   | 0      | 0       | 0     | 580      | 100%       |              |
| Amper (Current-A) | 190   | 189    | 1       | 0     | 0        | 1%         |              |

Analysis / Event Report

Search in screens

X Company

Event Report

Total: 576 reports

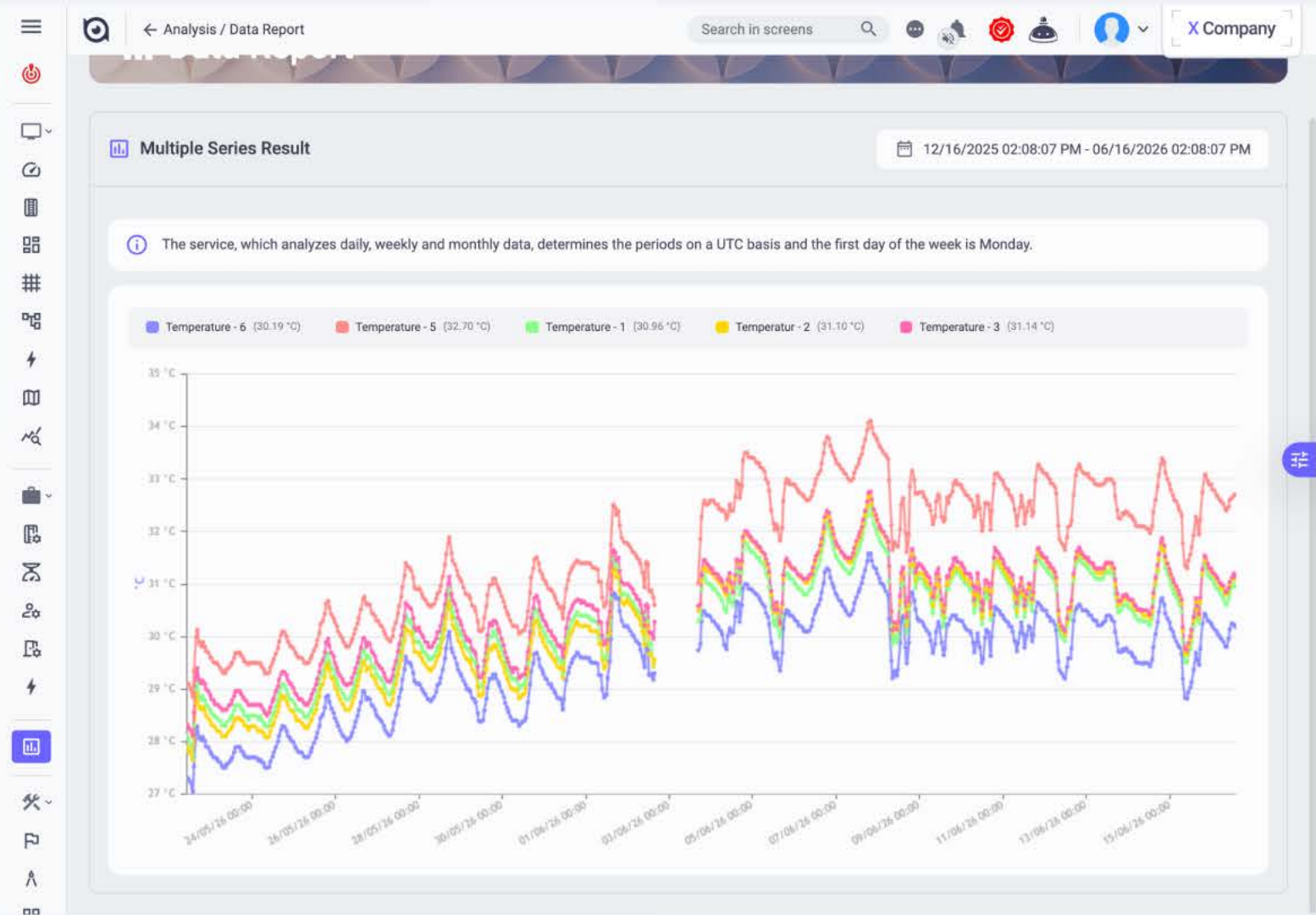
Critical alarm 30

Alarm 0

Warning 0

Connection or Breakdown 0

| Event type     | Location                                                                        | Sensor type   | Sensor          | Start time (UTC +2) | End time (UTC +2) | Duration | Most critical value | Status |
|----------------|---------------------------------------------------------------------------------|---------------|-----------------|---------------------|-------------------|----------|---------------------|--------|
| Critical Alarm | Headquarters/Data Center (White Line)/DC Corridor -1/Server Kabinet A1/BS-6816V | Frequency     | Mains Frequency | 22/05/2026 - 11:57  | -                 | 3 w      | 0 Hz                | Open   |
| Critical Alarm | Headquarters/Data Center (White Line)/DC Corridor -1/Server Kabinet A1/BS-6816V | Voltage       | Mains Voltage   | 22/05/2026 - 11:57  | -                 | 3 w      | 0 V                 | Open   |
| Critical Alarm | Headquarters/Data Center (White Line)/DC Corridor -1/Server Kabinet A1/BS-6816V | Voltage       | UPS-B Voltage   | 22/05/2026 - 11:57  | -                 | 3 w      | 0 V                 | Open   |
| Critical Alarm | Headquarters/Data Center (White Line)/DC Corridor -1/Server Kabinet A1/BS-6816V | Frequency     | UPS-B Frequency | 22/05/2026 - 11:57  | -                 | 3 w      | 0 Hz                | Open   |
| Alarm          | Headquarters/Data Center (White Line)/Electrical Room/MPR 45-S Analyzer -4      | Voltage Exist | Analyzer Online | 16/06/2026 - 13:27  | -                 | 44 m     | No                  | Open   |



Analysis / Data Report

Search in screens

<

With a time-based alarm rule, there's no need for constant adjustments!



# Your thresholds adjust themselves.

034

| Working time               | Season   | Threshold values |       |
|----------------------------|----------|------------------|-------|
| ☀ DAYTIME                  | ❄ WINTER | Alarm            | 28 °C |
|                            | ☀ SUMMER | Alarm            | 32 °C |
| 🌙 NIGHT                    | ❄ WINTER | Alarm            | 27 °C |
|                            | ☀ SUMMER | Alarm            | 30 °C |
| + Add new time-based rule. |          |                  |       |

- Time-based alarm rule definitions vary according to the conditions and needs of each environment, and the user only needs to define them once.

# New Events: Instant notifications

# Others: In summary notifications

 Bildirim Maili

## Kritik Alarm

Olay oluştu

### Cabinet A1\_C1 sıcaklık

X Company / İzmir / Sistem  
Odası / Coridor 1 / Cabinet 5

**32.3**  
%RH

Start Date 23/06/2023 - 11:21  
Duration 1 dakika  
Ideal value range 23 - 28



Bu olaya ait 1. bildirimdir.Olay devam ettiği sürece 1 dakikada bir gönderilmeye devam edecektir.

Bu e-posta ortam koşullarınız ile ilgili bilgi vermek amacıyla Noctua tarafından gönderilmiştir.  
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[destek@birtech.com](mailto:destek@birtech.com)

 Bildirim Maili

## Özet Bildirim

Birtech / İstanbul / Sistem Odası

23/06/2023 - 11:21 -- 23/06/2023 - 11:21

### • Critic Events (4)

#### temperature 1

X Company / İzmir / Sistem  
Odası / Coridor 1 / Cabinet 5

**25.9**  
%RH

Start Date 23/06/2023 - 11:21  
Duration 4 gün 12 saat 36 dakika

#### temperature 1

X Company / İzmir / Sistem  
Odası / Coridor 1 / Cabinet 5

**27.5**  
%RH

Start Date 23/06/2023 - 11:21  
Duration 4 gün 12 saat 36 dakika

#### temperature 1

X Company / İzmir / Sistem  
Odası / Coridor 1 / Cabinet 5

**27.5**  
%RH

Start Date 23/06/2023 - 11:21  
Duration 4 gün 12 saat 36 dakika

#### temperature 1

X Company / İzmir / Sistem  
Odası / Coridor 1 / Cabinet 5

**32.3**  
%RH

Start Date 23/06/2023 - 11:21  
Duration 4 gün 12 saat 36 dakika

#### temperature 1

X Company / İzmir / Sistem  
Odası / Coridor 1 / Cabinet 5

**32.3**  
%RH

Start Date 23/06/2023 - 11:21  
Duration 4 gün 12 saat 36 dakika

### • Warning Events (4)

#### temperature 1

X Company / İzmir / Sistem  
Odası / Coridor 1 / Cabinet 5

**27.5**  
%RH

Start Date 23/06/2023 - 11:21  
Duration 4 gün 12 saat 36 dakika

#### temperature 1

X Company / İzmir / Sistem  
Odası / Coridor 1 / Cabinet 5

**32.3**  
%RH

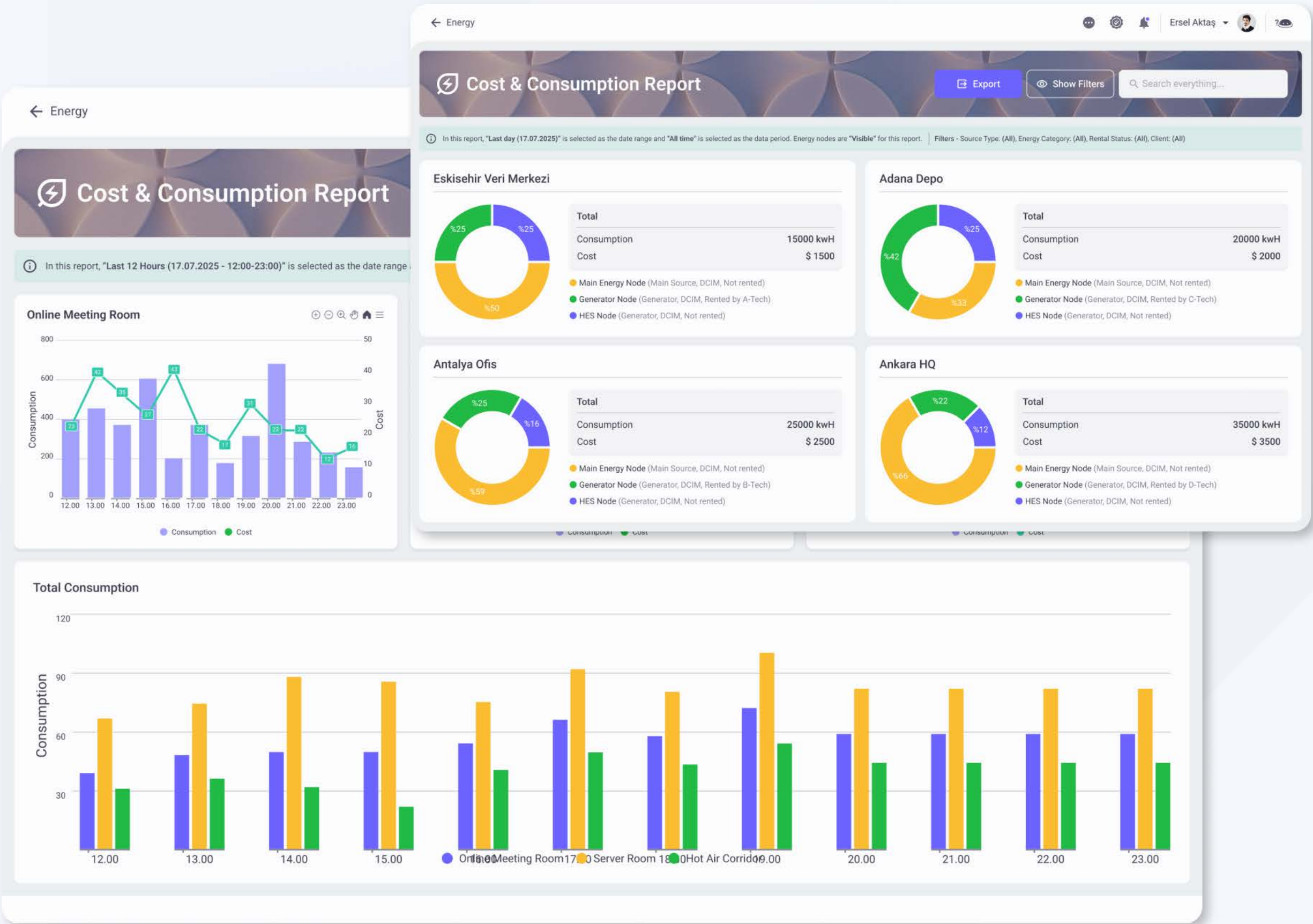
Start Date 23/06/2023 - 11:21  
Duration 4 gün 12 saat 36 dakika



Bu e-posta ortam koşullarınız ile ilgili bilgi vermek

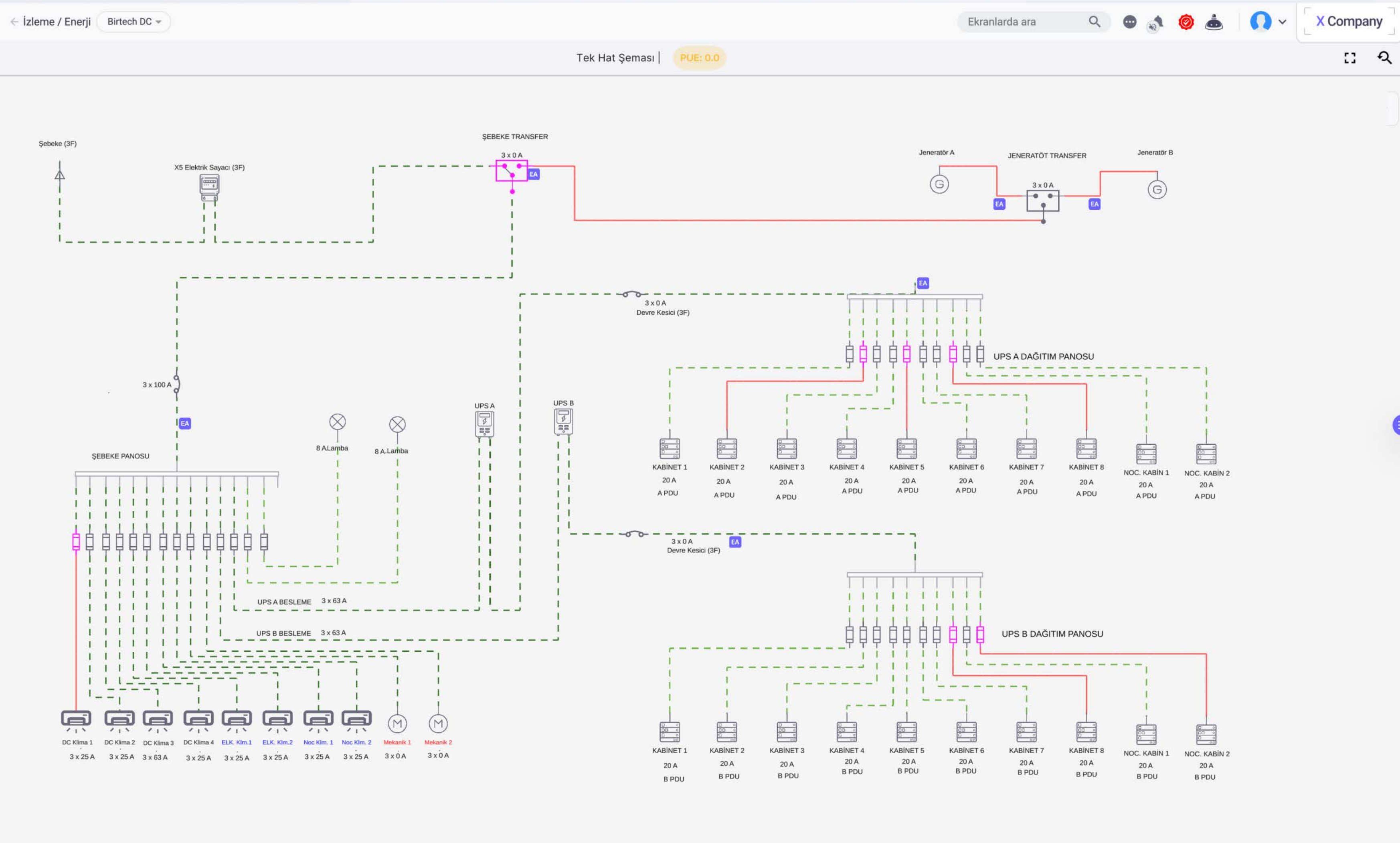
# Energy Cost and Consumption

- **Real-time Monitoring:** Track electricity consumption values live thanks to sensors and analyzers.
- **Cost Analysis:** Compare energy costs from different periods with detailed reports.
- **Efficiency Indicators:** Measure the efficiency of your infrastructure by calculating critical KPIs such as PUE (Power Usage Effectiveness).



# Single Line Diagram

037



Thanks to the **Noctua** energy solution, you can centrally monitor and manage your energy single-line diagrams across all your locations via a web browser.

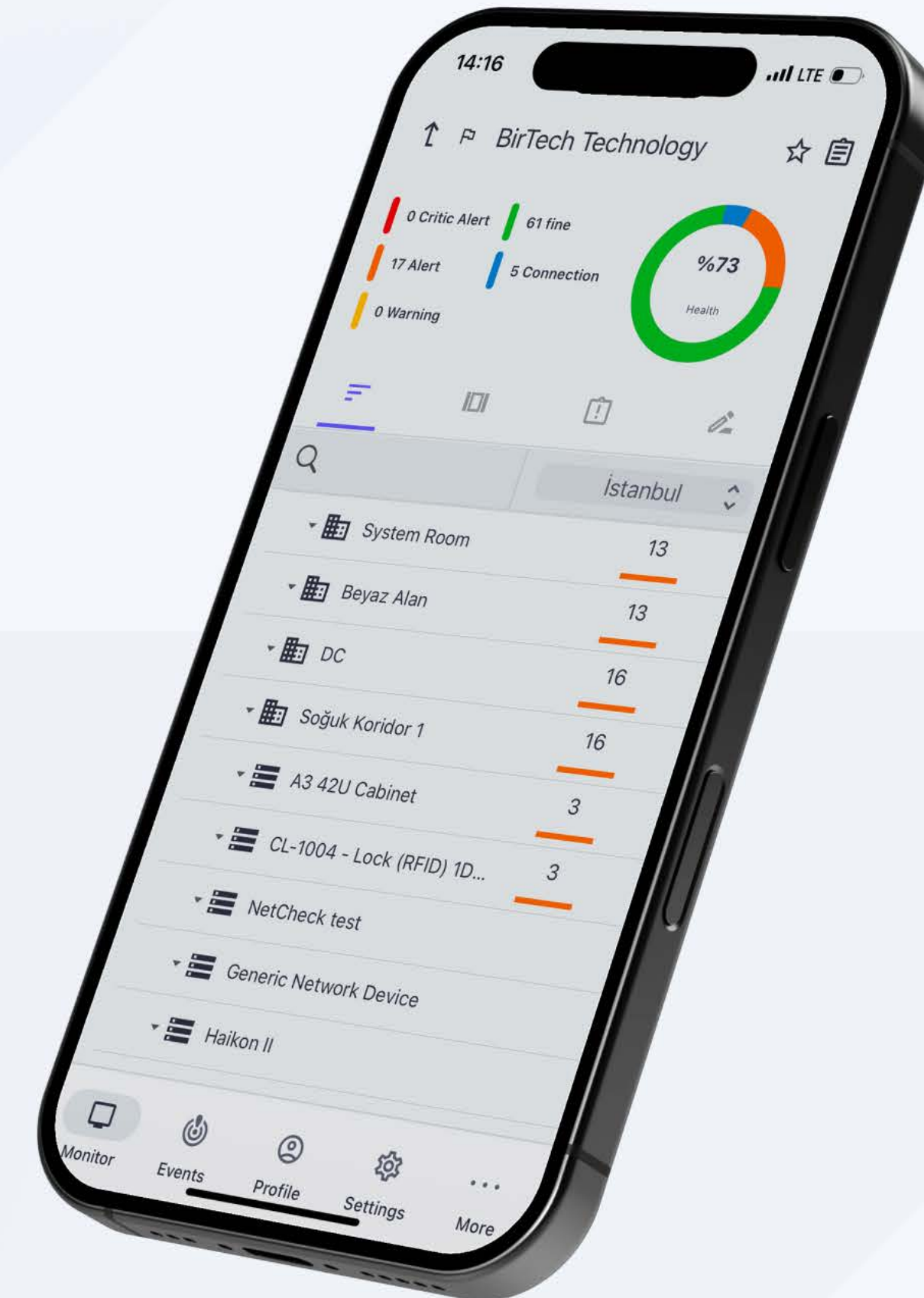
- UPS (Uninterruptible Power Supply)
- PDU (Power Distribution Unit)
- Generators
- Energy Analyzers
- Breakers / Switchgears
- ATS / STS (Automatic / Static Transfer Switches)
- MV (Medium Voltage) Protection Relays

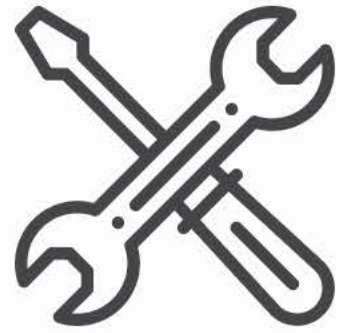
# From Desktop to Your Pocket

038

We are removing space boundaries in facility management by bringing the power of our desktop platform to your IOS and Android devices.

Noctua Mobile is not just a monitoring application; it is a mobile management platform where you can manage all your locations from data centers to energy rooms, analyze data and intervene in events instantly with instant notifications. Whether you are in the office or on the road, your operational continuity continues uninterrupted.





## Periodic maintenance

System maintenance is performed via aircraft connection once a year, every 3 months. Noctua software is updated during maintenance.



## 7/24 Support

SensCare customer representatives are just a phone call away.



## Replacement guarantee in case of malfunction

In case of any hardware malfunction that cannot be resolved, the product will be replaced with a new one



## Software installation

If a reinstallation of Noctua Intelligent Infrastructure Management and Monitoring Software is requested, a planned reinstallation will be provided.



## Unlimited education

System training is provided to new users upon request.



## Mobile application

You can continue to monitor your environmental conditions free of charge via the mobile application.



040

Manage your infrastructure more intelligently, efficiently, and securely!

# 96% Customer Satisfaction

The responses given by individuals are recorded in the IPSOS database. The 96% satisfaction rate reflects the overall satisfaction rate of the "BirSens" brand.

They Know BirSens

# Some of our references



041



University  
Mohammed VI  
Polytechnic



Istanbul Airport



**citibank**



**barpa**

