



"Hayat Kurtaran Bir Dokunuş"

Emergency Call Systems

Central Clock Systems

RFID Tracking Systems

Queue Management/Kiosk
Systems

Access Control Systems

Network Active Systems

Parking Systems

Roof Software

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If you can't find the information you're looking for here, you can contact us through our communication channels and get detailed information about your project or idea.

ABOUT US



Hayat Kurtaran Bir Dokunuş!

We are an innovative technology company specializing in call, scheduling, and routing technologies, combining domestic manufacturing and engineering capabilities. Our field of activity encompasses the design, production, installation, and technical support of vital digital infrastructures such as nurse call systems, queue management systems, central clock solutions, emergency call systems, RFID tracking systems, and access control systems, serving a wide range of clients from the healthcare and public sectors to private businesses.

Our Mission

We design our systems with sustainability and quality principles in mind, offering reliability to every user.

Our Vision

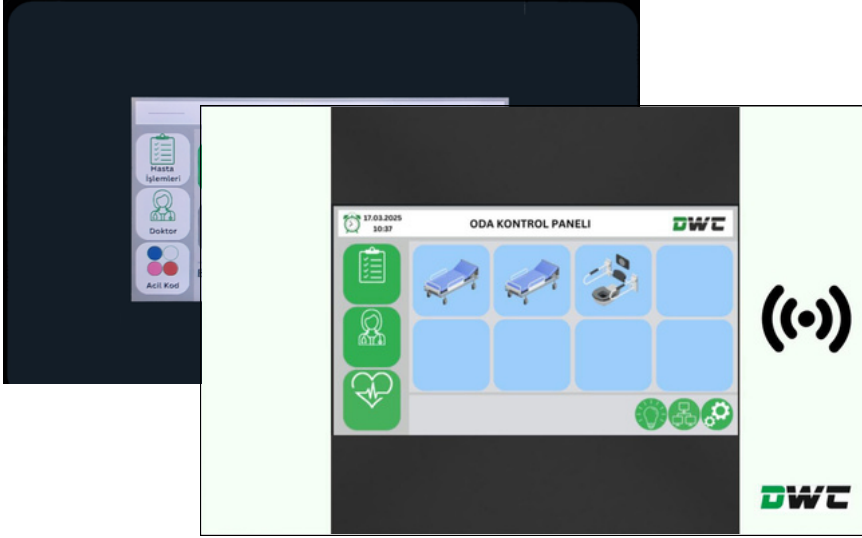
To be a leading technology company in Turkey, developing innovative technologies and offering solutions that make life easier.

Why DWC Electronics?

- **Wide Product Range:** IP offers end-to-end solutions ranging from wired and wireless nurse call systems to central clocks and kiosk-based queue management systems.
- **Local Production & Engineering:** All of our products are developed with local engineering expertise and manufactured to the highest quality standards.
- **Professional Support:** From pre-sales consultation to installation and training, our expert team is with you every step of the way.
- **Adaptive Systems:** By conducting a specific needs analysis for each project, we design systems in a modular structure and offer the most suitable solution to the user.



IP NURSE CALL SYSTEMS



PRODUCT FEATURES

- 4.3" and 7" LCD,
- Black or White Color Option,
- IP Control
- Card Reader
- Patient Information Tracking
- 220V POE (Optional)
- Cat6 Cable Connection,
- Emergency Code Initiation
- Mobile Application



PRODUCT FEATURES

- Wired IP
- 140 cm rope length
- LED illuminated visual notification
- Audible alert
- Manual (button) or pull rope operation
- Connection via 12V DC
- Cat6 Cable



PRODUCT FEATURES

- Wired IP
- Handset Compatible
- LED Light Visual Indicator
- Audible Alert
- Manual (button) start and reset
- Connection via 12V DC
- Cat6 Cable



PRODUCT FEATURES

- Wired IP
- LED Illuminated (RGB) Visual Notification
- Audible Alert
- Connection via 12V DC
- Cat6 Cable

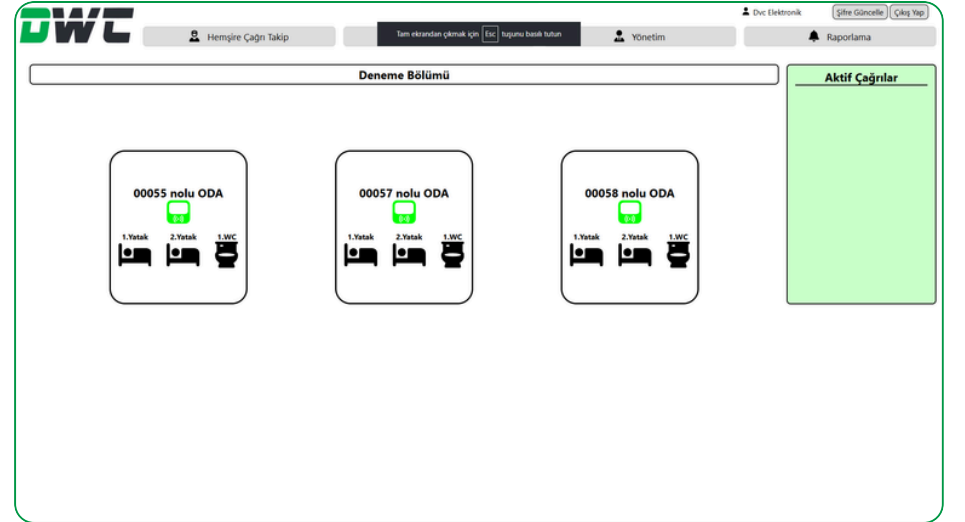
NURSE CALL SYSTEMS



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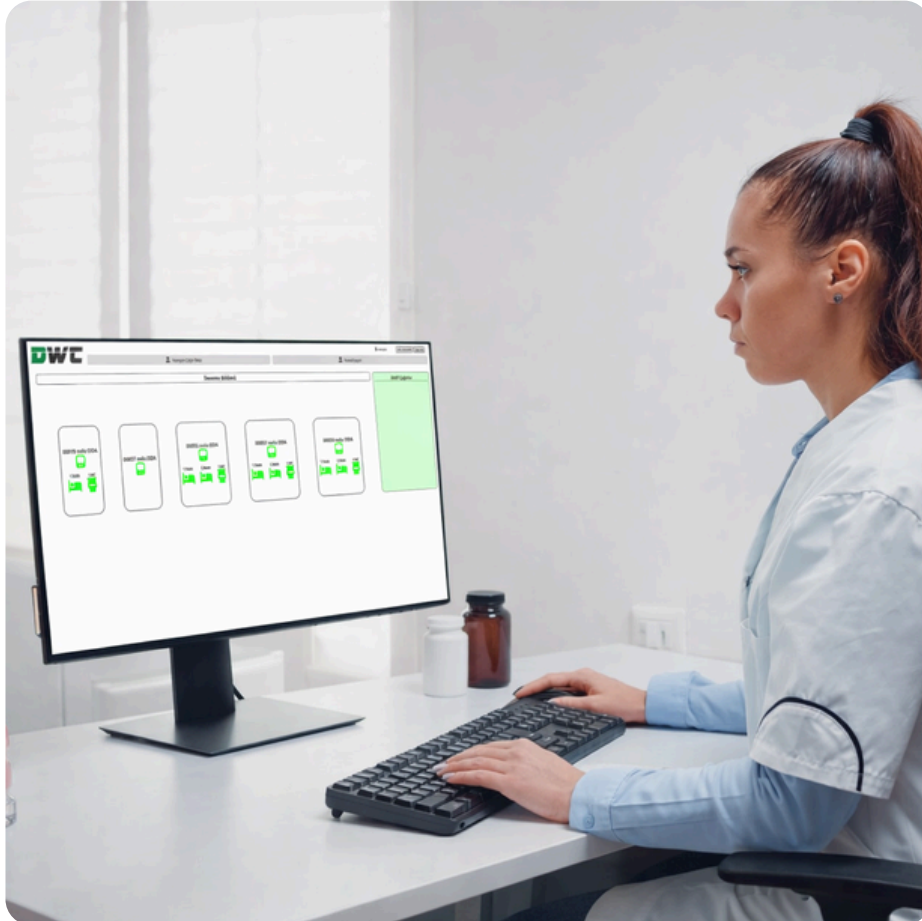
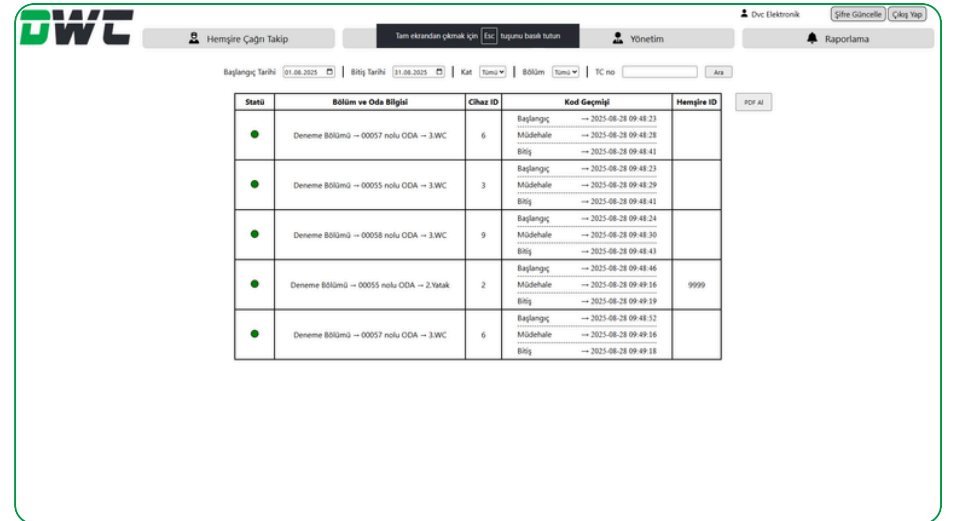


NURSE CALL CONTROL SYSTEMS



PRODUCT FEATURES

- Notification Tracking
- Audible Alerts
- Emergency Code Tracking
- Detailed Reporting
- Patient Information Tracking
- Mobile Application Support



NURSE CALL SYSTEMS

DWE

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WIRED / WIRELESS NURSE CALL SYSTEMS

PRODUCT FEATURES

- 3 or 5-line
- Wired or wireless
- Qudio alert
- 12V DC
- Cat6 Cable Connection
- Reporting via Program

PRODUCT FEATURES

- Wired or Wireless
- Handset Compatible
- LED Visual Notification
- Audible Alert
- Manual (button) Start and Reset
- 12V DC or Battery Powered (Wireless)
- Connection via Cat6 Cable

PRODUCT FEATURES

- Wired or Wireless
- 140 cm rope length
- LED light visual notification
- Audible alert
- Manual (button) or pull cord operation.
- 12V DC or Battery Powered (Wireless) Cat6
- Cable Connection

PRODUCT FEATURES

- Wired or Wireless
- 12V DC-220V (Wireless)
- Cat6 Cable Connection
- LED (RGB) Visual Notification
- Audible Warning

PRODUCT FEATURES

- Automatic Addressing
- Multiple Inputs
- Input-Output Support for Chain Connection
- External and Internal Connection Support
- Additional Voltage Requirement Depending on Cable Length or Number of Devices Used.



WIRED AND WIRELESS DISABLED CALL SYSTEMS



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PRODUCT FEATURES



- 3 or 5-line
- Wired or wireless
- Audio alert.
- 12V DC
- Cat6 Cable Connection
- Reporting via Program



PRODUCT FEATURES

- Wired or Wireless
- 12V DC-220V (Wireless)
- Cat6 Cable Connection
- LED (RGB) Visual Notification
- Audible Warning



PRODUCT FEATURES

- Wired or Wireless
- 140 cm rope length
- LED light visual notification
- Audible warning
- Manual (button) or pull cord operation.
- 12V DC or Battery Powered (Wireless)
- Cat6 Cable Connection





PRODUCT FEATURES

- ID Scanner
- Fingerprint Reader
- Barcode and QR Code
- Palm Recognition
- Touchscreen.



Call Information Displays

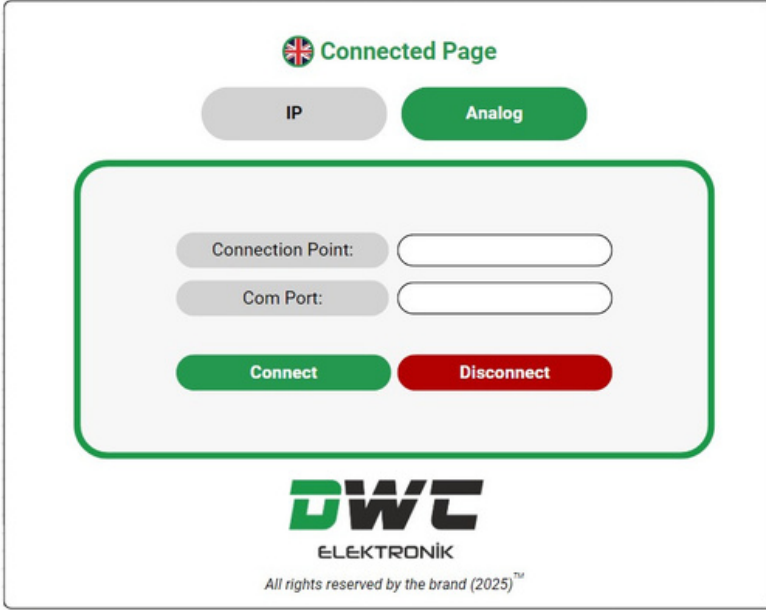


QUEUE MANAGEMENT KIOSK SYSTEMS

DWE

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Turnstile Access System

- **Turnstile access control systems** are used in stadiums, gymnasiums, factories, schools, and other areas requiring mass entry. They allow access by scanning cards, QR codes, or tickets.
 - Authorized users can pass through the turnstile.
 - Membership duration, number of rights, and time limits are checked.
 - Entry and exit times are reported in detail.
 - Ideal for ticket and membership control in stadiums and sports halls.
- Moreover, thanks to DWC PLUS rooftop integration, you can bring together **Fire Alarm, IP Camera, Access Control, and Nurse Call Systems** in your projects under a single software platform.

Card Access System

- Card-based door access systems allow doors to be opened by scanning a card in offices, buildings, rooms, warehouses, and authorized areas. They operate independently of turnstile systems.
 - The door lock opens automatically when the card is scanned.
 - Authorization is done on an individual basis.
 - Time-based access can be defined (business hours, etc.).
 - All door opening operations are recorded and reported.
 - It works integrated with electric locks, magnetic locks, and door openers.



ACCESS CONTROL SYSTEMS



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RF-Based Active & Passive Tracking System

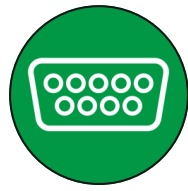


Regional Monitoring System

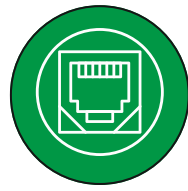
The tag regularly emits a signal. The signals emitted by the tag are detected by RF devices that are part of the active reader system. The RF devices transmit the processed data to the master reader device via the Modbus line. This data is processed by the master device, transferred to the desktop application, and recorded on the server.

ACTIVE TRACKING SYSTEM

- Indoor Person and Asset Tracking
- Zone-Based Positioning Solution
- Pinpoint Positioning Solution
- Preventing Unauthorized Access
- Speeding Up Workflow and Increasing Operational Efficiency.



RS 485



TCP/IP POE

REGIONAL ACTIVE FOLLOWER READER

- Maximum reading distance of 25 meters (depending on antenna and tag specifications)
- Buzzer (audible warning)
- LED indicators
- 12V DC and POE
- Average 6ms Tag Reading Time.

RF-Based Active & Passive Tracking System

DWE

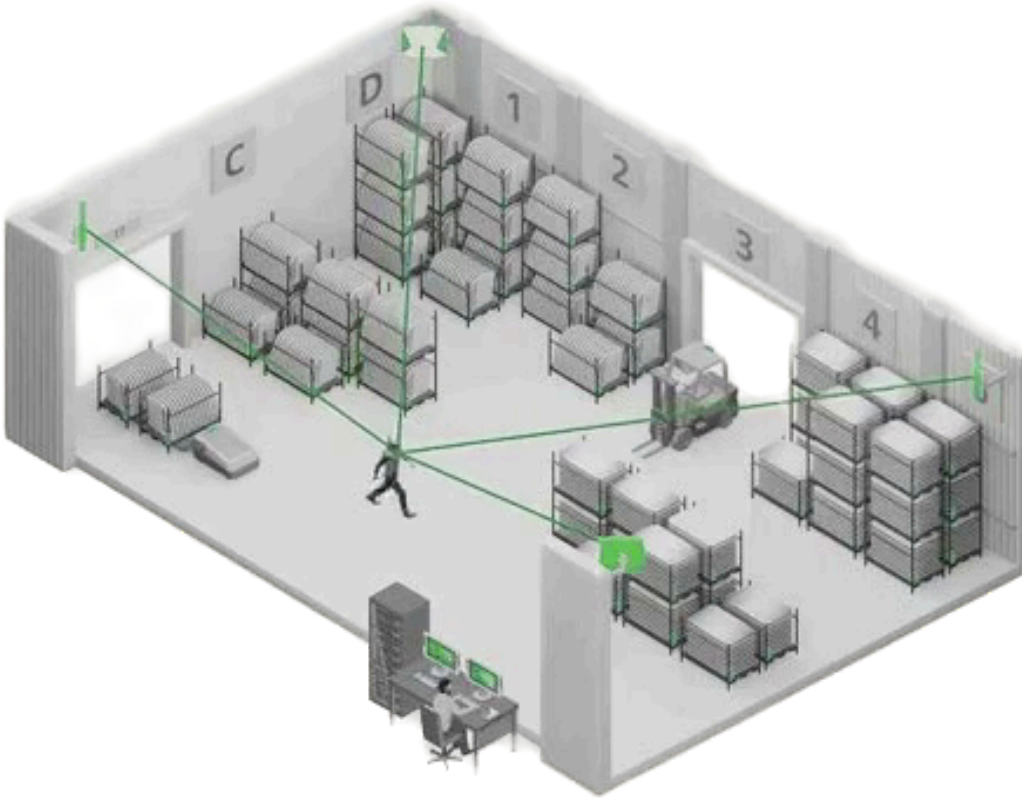
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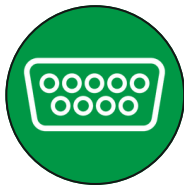
RF-Based Active & Passive Tracking System



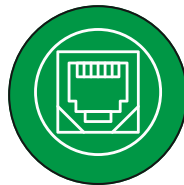
Point Tracking System

POINT TRACKING SYSTEM

- Indoor Person and Asset Tracking
- Zone-Based Positioning Solution
- Pinpoint Positioning Solution
- Preventing Unauthorized Access
- Speeding Up Workflow and Increasing Operational Efficiency.



RS 485



TCP/IP POE

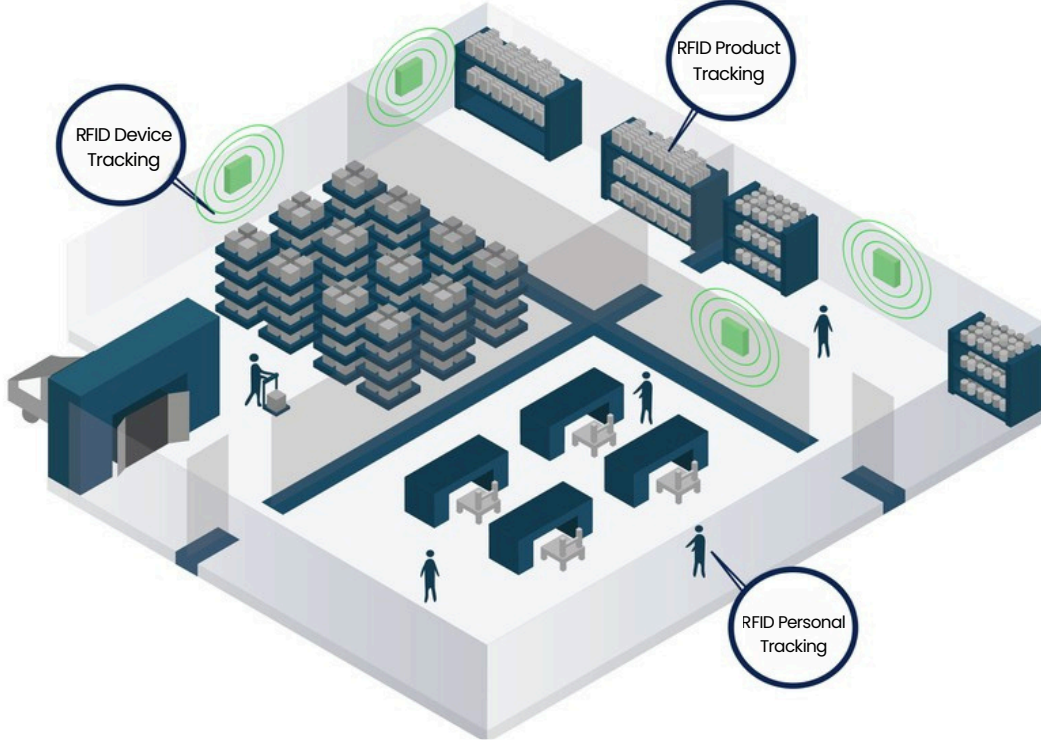
POINT-BASED ACTIVE TRACKING READER

- Maximum reading distance of 25 meters (depending on antenna and tag specifications)
- Buzzer (audible warning)
- LED indicators
- 12V DC and POE.
- Average 6ms Tag Reading Time.

RF Tabanlı Aktif & Pasif Takip Sistemi

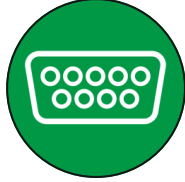


Hayat Kurtaran Bir Dokunuş!

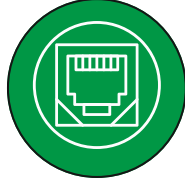


PASSIVE MONITORING SYSTEM

- Real-time monitoring of personnel, equipment, products, and assets.
- Automatic detection at doors, turnstiles, warehouse entry/exit points, and access points.
- Operates with long-lasting, maintenance-free RFID tags that do not require batteries.
- Antennas, readers, and tracking points can be increased as needed.



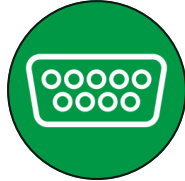
RS 485



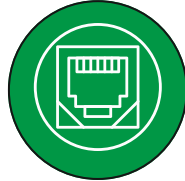
TCP/IP POE

PASSIVE READER

- Multiple Tag Reading: 500 Tags/Second
- Single Tag Reading Time: Average 6 ms
- Maximum Reading Distance: 10M (Depending on Antenna and Tag Specifications)
- Buzzer (Audible Warning)
- LED Indicators
- 12V DC ve POE



RS 485



TCP/IP POE

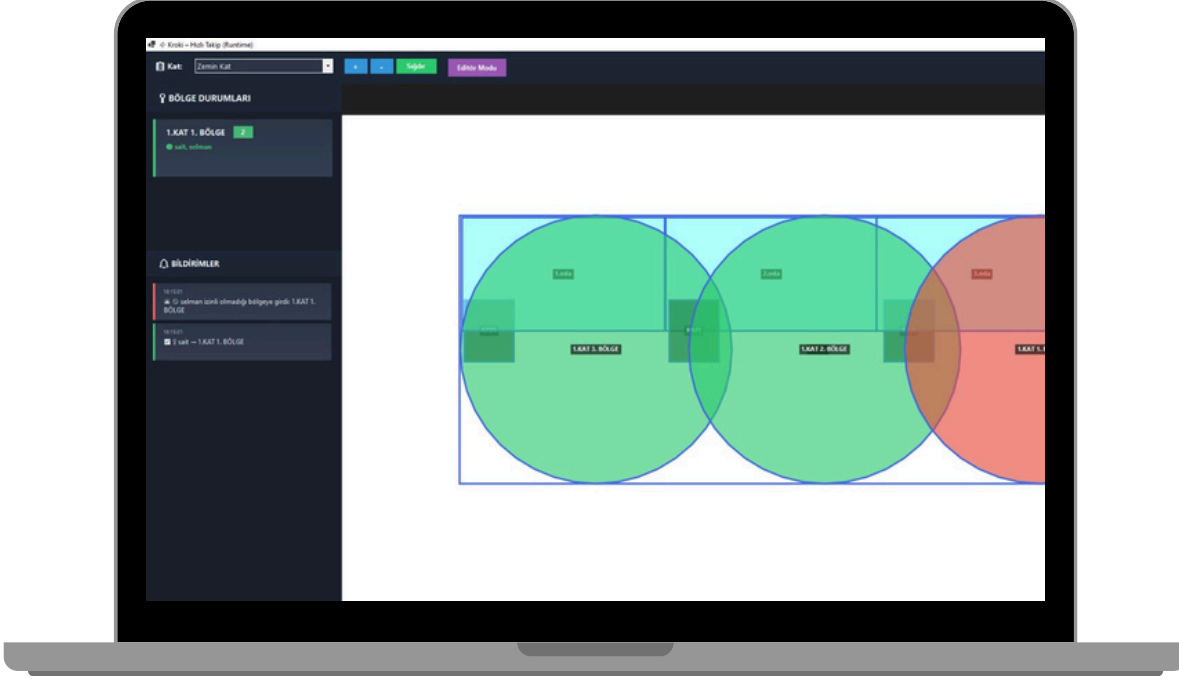
PASSIVE READER

- Antenna Gain: 9 dBi.
- The antenna for the passive reader device may vary depending on the project type and requirements.
- Frequency Range: 868-890MHz



RF-Based Active & Passive Tracking System

The two systems are brought together under a single umbrella and integrated to perform asset and location tracking on a desktop application.



DESKTOP APPLICATION

- Active Tag Management,
- Passive Tracking Management
- Live Area Monitoring Interface
- Entry-Exit Logging and Tracking
- Authorization and Access Control Service
- Notification Service

SECURITY

✓ PERFORMANCE TEST

DATA INTEGRITY

- CRC Control
- Packet Repetition Prevention
- Filtering

System integrity is maintained in both Active and Passive Systems using separate regional decision algorithms.

Data packets are protected during communication and data transfer between reader devices.

SYSTEM SECURITY

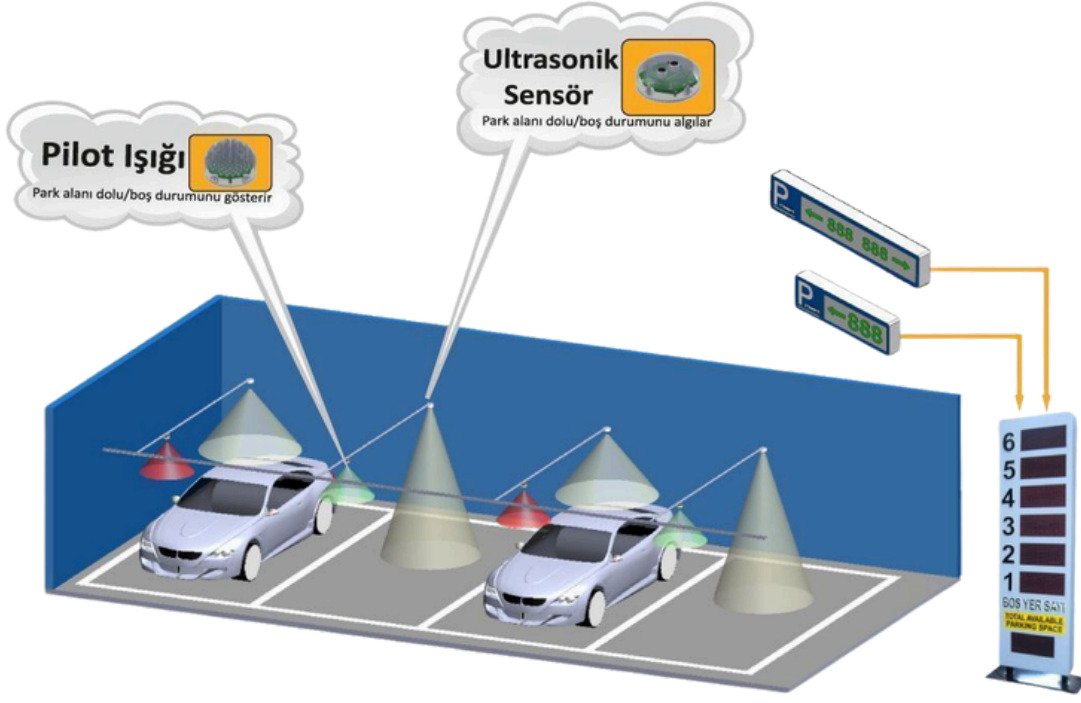
- User Authorization
- Sensitive Data Management
- Access Control

The system is customizable on a project basis. It is open to optional modifications to the application. The antennas on the reader devices can be changed to suit the project.

Parking Systems



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The parking system uses ultrasonic sensors to detect occupied and empty parking spaces and provides visual information with indicator lights. Traffic flow and parking guidance are effectively managed through central software. An advanced alarm and authorization structure ensures secure and controlled operation. Smart guidance and reservation features make parking usage more efficient.

PARKING SYSTEMS

- Ultrasonic Sensor-Based Detection System
- Real-time occupancy/vacancy status detection in parking areas.
- Fast and Accurate Guidance with Real-Time Data
- Visual Information with LED Pilot Lights
- Display of available parking spaces via the central screen.
- Energy Efficient and Continuous Operation Structure



CENTRAL CLOCK CONTROL SYSTEMS



PRODUCT FEATURES

- Rj 45 Ethernet Port 10M/100M
- NTP
- 30 Cm - 40 Cm
- POE - 12V - 200V
- Central Control



PRODUCT FEATURES

- NTP
- Hour - Minute - Second
- RJ45 Ethernet Port 10M/100M
- POE - 12V - 220V
- Central Control



NETWORK ACTIVE SYSTEMS



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S530-24ST4XE SWITCH



400W
PoE

S220S-8P4JX SWITCH



S310S-24T4J SWITCH



128W
PoE

S220S-8P4JX SWITCH



S220S-24T4JX SWITCH



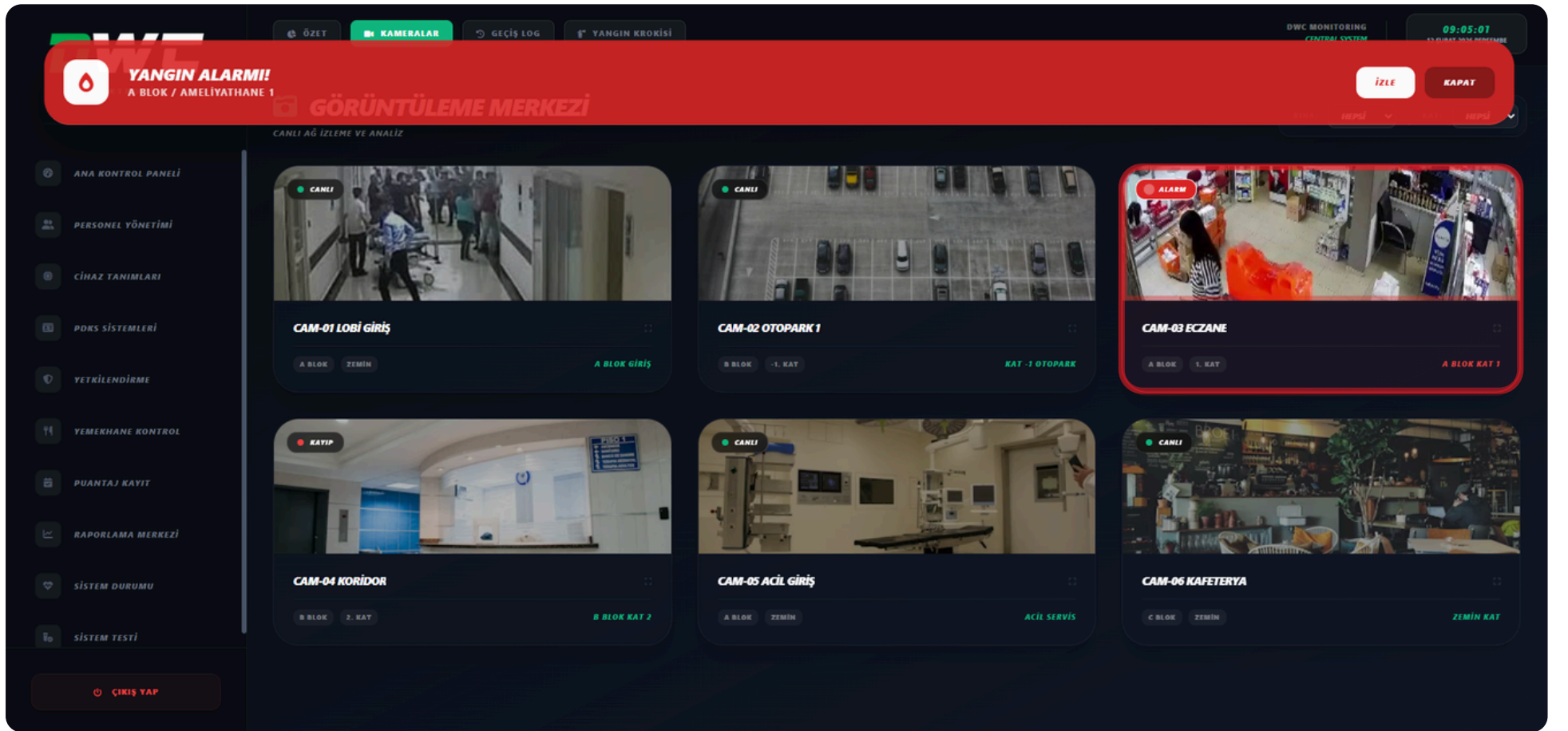
845W
PoE

HW-S310-48HP4X SWITCH

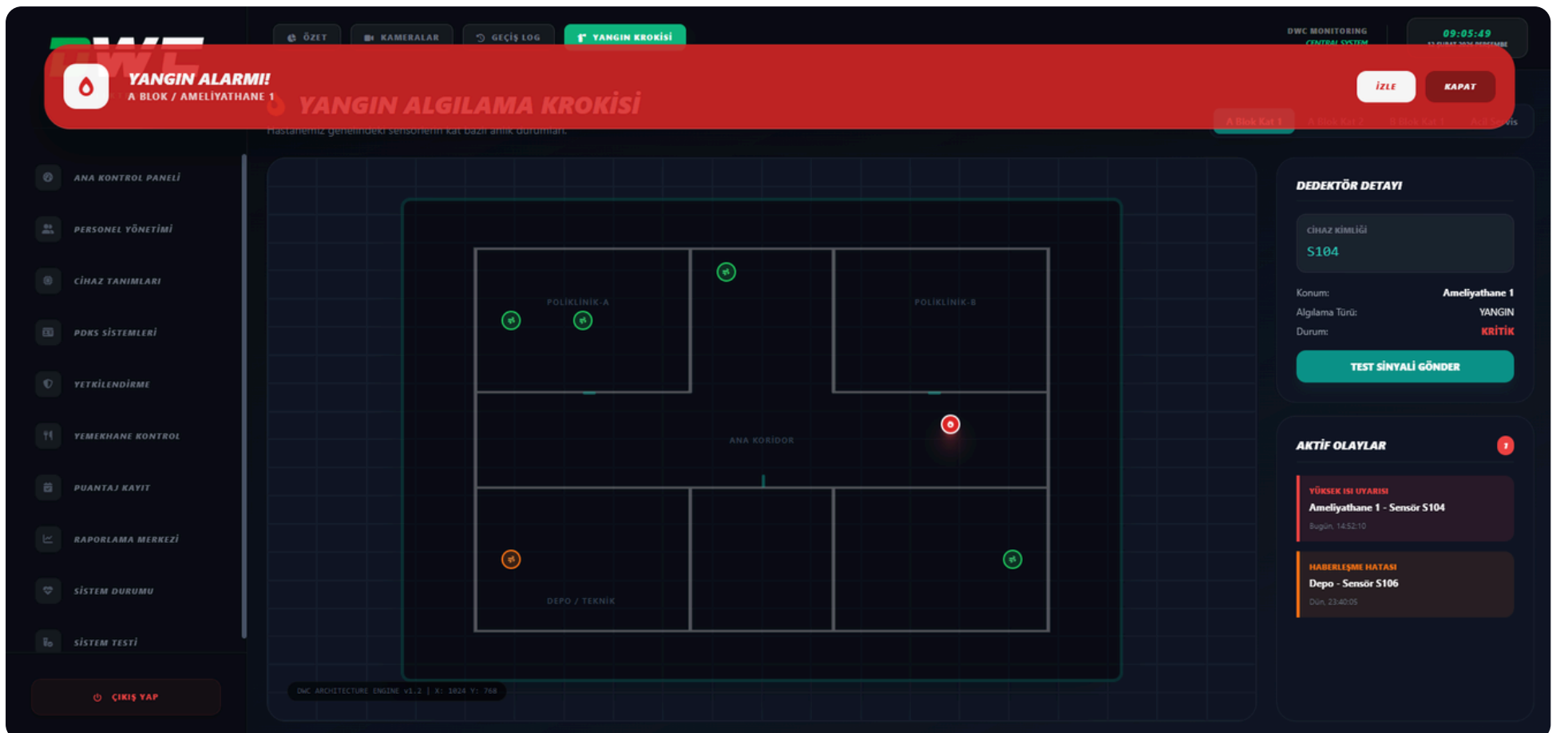


SOFTWARE FEATURES

- We digitize your processes with our intelligent software that integrates all security layers under one roof. By integrating fire alarm, camera, and access control systems, we automatically display a visual representation and diagram of the affected area on the screen in case of an alarm, enabling rapid response. This modular platform, which allows you to monitor device status in real time, offers your business complete control and maximum security with detailed reporting, flexible authorization, and easy management.



Relevant camera footage when the alert is received.



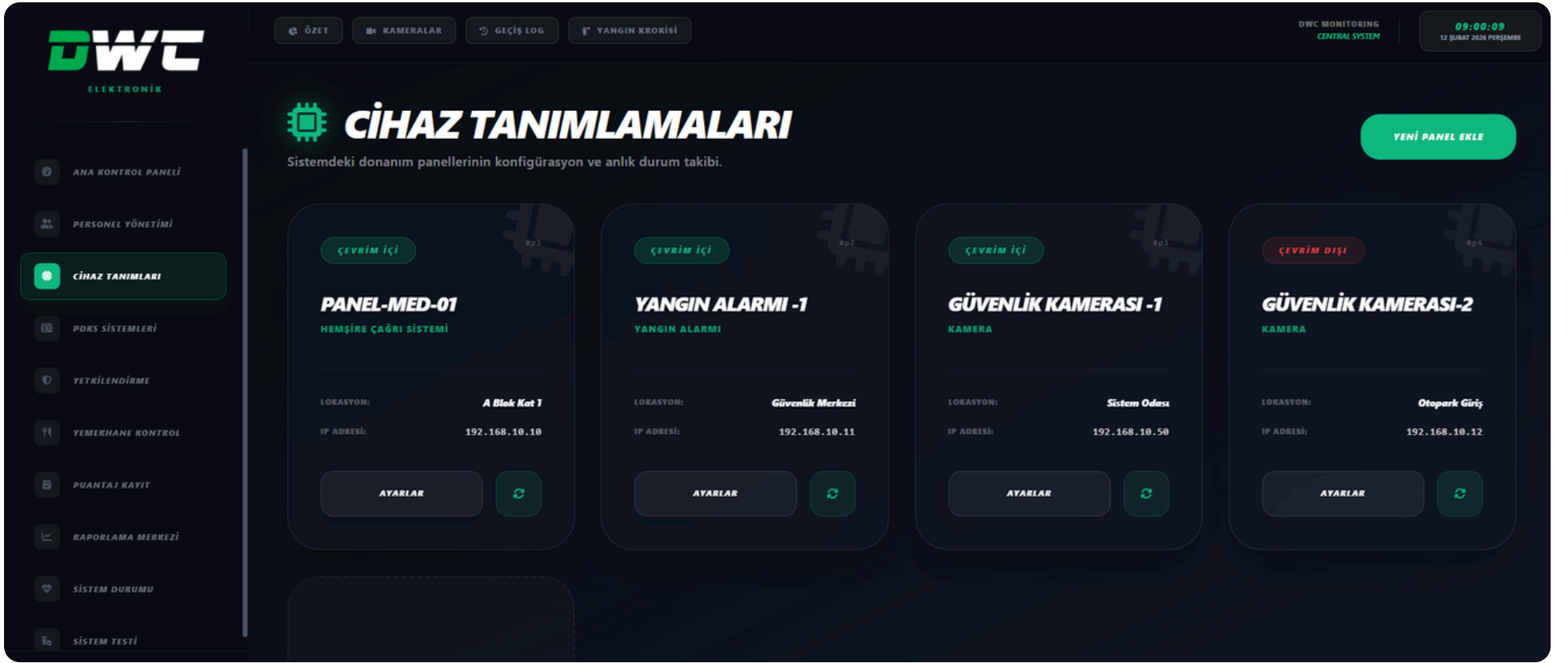
View of the Warning Incoming Location on the Sketch Map

CENTRAL CONTROL SOFTWARE "ROOF"

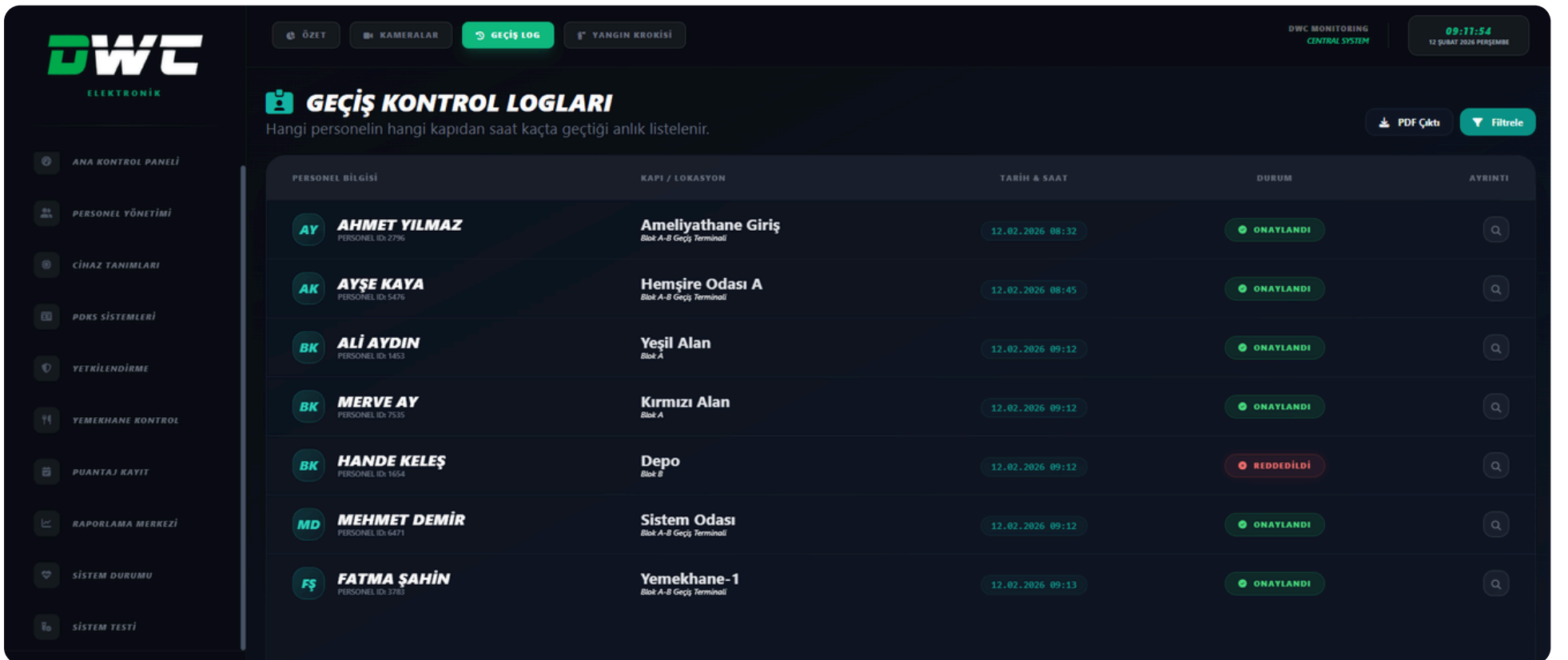


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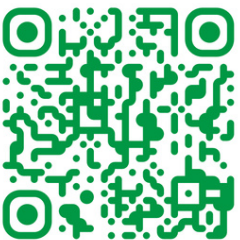
- Our system's modular structure allows you to easily define new devices or manage existing ones. With detailed reporting capabilities, you can instantly access critical data such as "Who, where, when, how, why, and with what authorization did they pass through?", enabling complete historical control. By offering person-based authorization and restriction options, we maximize facility security, making all entry and exit movements transparent and traceable.



Modular Device Addition/Removal



Access Control Reporting System

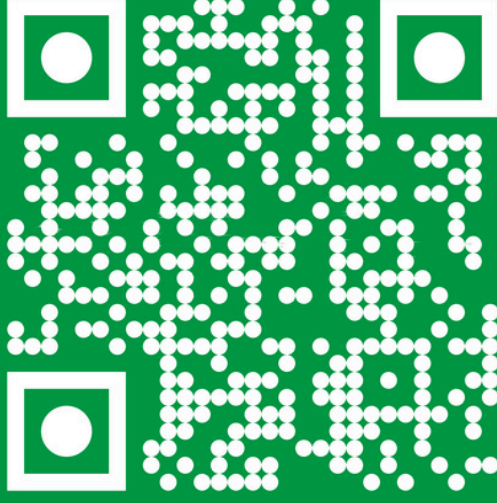


You can scan the QR code or visit our website to explore all the features offered by our Roofing Software's demo version.





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For more information about our products and services,
you can access our website by scanning the QR code.

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Yenimahalle/ANKARA