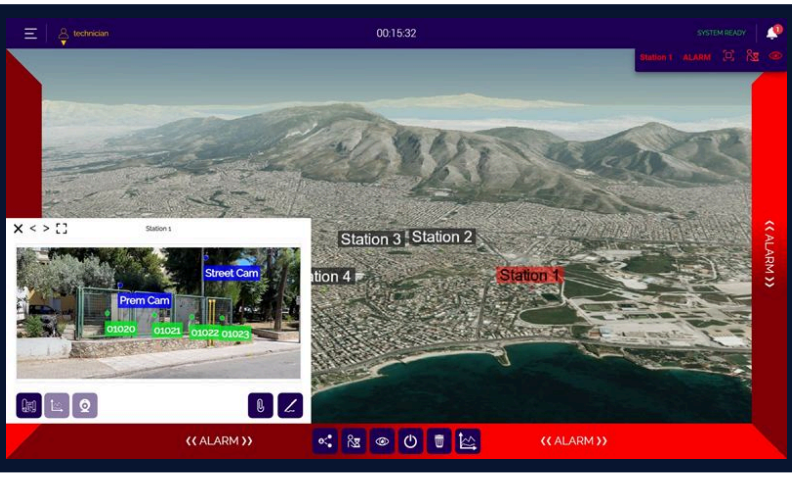
COMMAND, AI & CYBER · COMMAND & CONTROL · C2 PLATFORM

D-Command Control

C2 Layer · Command & cyber

Every sensor, camera and alarm on one geolocated map, in the control room or on a phone.



KEY BENEFITS

01 One picture, not ten screens
Sensors, cameras and alarms from every system meet on one geolocated map.

02 Respond in seconds
The alert arrives in < 3 s, with the right camera already open.

03 Fits what you run
Dry contact, RS232 / RS485, IP and a secured API: plug and play with your PSIM, VMS or SCADA.

HOW IT WORKS

01 Sensor
A D-FENCE sensor detects force on the barrier and reports its zone.

02 Controller
Up to 16 sensors per sensor controller, chained on RS485.

03 Gateway
Up to 16 controllers, IP cameras and dry contacts per gateway.

04 D-Command Control
The zone turns red on the 3D map and its camera opens, in < 3 s.

SPECIFICATIONS

Alert time	< 3 s
Display	Web-based 3D GIS map; desktop, laptop or mobile
Sensor controllers per gateway	up to 16
Sensors per sensor controller	up to 16
Dry-contact controller	up to 64 inputs / 60 outputs
Multi-site	up to 13 sites over fibre-optic lines
Field interfaces	RS232, RS485, IP, dry contact (N.O. / N.C.)
Integration	Secured API; REST / SOAP / SNMP / PSIM bridge; ONVIF cameras
Connects to	PSIM, VMS, BMS, SCADA, access control, fire alarm, radar, LPR
Gateway dimensions / weight	112 × 84 × 25 mm, 450 g
Gateway enclosure	Aluminium, passive fan-less cooling; wall / VESA / DIN mount (optional)
Operating temperature	–40 °C to 80 °C
MTTF	> 200,000 h

05 **Response**
The nearest team is tasked, sirens and lights switch on, and your PSIM / VMS receives the event.

Power	AC 110–240 V, 50–60 Hz (transformer included) or 10–36 V DC
Gateway ports	2 × 100 Mbps Ethernet (RJ45), 4 × USB 2.0, 1 × RS232, 1 × HDMI (up to 1920 × 1080 @ 60 Hz)
Wireless	Wi-Fi / Bluetooth / cellular removed for security; added on demand
Compliance	FCC / CE, RoHS-II

TENDER SPECIFICATION TEXT

1. GENERAL

The system shall be D-Command Control by D-FENCE Electronic Fencing and Security Systems Ltd. (ISO 9001:2015 certified quality management), or an approved equivalent that meets every requirement in this section.

2. FUNCTION

Every sensor, camera and alarm on one geolocated map, in the control room or on a phone.

3. THE SYSTEM SHALL PROVIDE

- **3D synoptic map:** Sites, zones, cameras and sensors on a detailed 3D GIS view, on desktop, laptop or phone.
- **Camera on alarm:** The alarm opens the camera that covers the zone, with PTZ control in the same window.
- **Sensor-level readings:** Live values per sensor show exactly which one raised the alarm.
- **Task the right person:** Assign the event to the team member closest to the scene and keep the record for debriefing.
- **Automatic response:** Sirens, floodlights, PA and local outputs switched through relays when the alarm arrives.
- **Multi-site:** Up to 13 sites linked over fibre-optic lines to one main control centre.
- **Open, secured API:** REST / SOAP / SNMP bridges into PSIM, VMS, BMS, SCADA and access control.

4. TECHNICAL REQUIREMENTS

- **Alert time:** < 3 s
- **Display:** Web-based 3D GIS map; desktop, laptop or mobile
- **Sensor controllers per gateway:** up to 16
- **Sensors per sensor controller:** up to 16
- **Dry-contact controller:** up to 64 inputs / 60 outputs
- **Multi-site:** up to 13 sites over fibre-optic lines
- **Field interfaces:** RS232, RS485, IP, dry contact (N.O. / N.C.)
- **Integration:** Secured API; REST / SOAP / SNMP / PSIM bridge; ONVIF cameras
- **Connects to:** PSIM, VMS, BMS, SCADA, access control, fire alarm, radar, LPR
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- **Wireless:** Wi-Fi / Bluetooth / cellular removed for security; added on demand
- **Compliance:** FCC / CE, RoHS-II

5. DETECTION SEQUENCE

1. **Sensor:** A D-FENCE sensor detects force on the barrier and reports its zone.
2. **Controller:** Up to 16 sensors per sensor controller, chained on RS485.
3. **Gateway:** Up to 16 controllers, IP cameras and dry contacts per gateway.
4. **D-Command Control:** The zone turns red on the 3D map and its camera opens, in < 3 s.

5. **Response:** The nearest team is tasked, sirens and lights switch on, and your PSIM / VMS receives the event.

6. SUBMITTALS

Before installation, the contractor shall submit the manufacturer's datasheet, the installation instructions and the zone layout for approval.