



IoT Gateway

 800+ BUILDINGS MANAGED

 150,000+ ACTIVE USERS

 100% CANADIAN

 WWW.ELIA.IO

PRODUCT OVERVIEW

The IoT Gateway routes data collected by elia sensors to the elia database. Sensors relay their data to the Gateway over Bluetooth, and the Gateway sends it onward over Ethernet or Wi-Fi. From there, the data can be accessed and analyzed in the elia web platform, supporting more informed decisions about workspace usage.

Installation is simple: the Gateway is powered over Ethernet, so no separate power supply is needed at the device. It can also run fully independent of existing internal infrastructure by deploying a separate network.



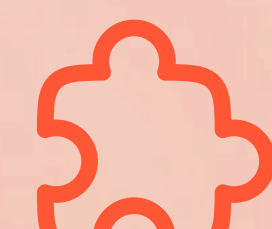
Connect Any Device To elia

The gateway allows you to connect elia products, as well as a wide range of IoT devices such as temperature sensors, air quality monitors, and motion detectors, to the elia platform. It securely transmits real-time data to help you optimize your workspace.



Gain Insight Into Your Workplace

Gain full visibility into how your spaces are used and how your environment is performing. The Gateway sends occupancy and environmental data to the elia platform, helping you monitor usage patterns, comfort levels, and improve overall workplace efficiency.



Blend Seamlessly Into Your Environment

The gateway is designed to fit naturally into any workspace. It can rest on a desk for easy access or be mounted to any type of wall, allowing it to blend in with your office layout without disruption.



Easy Mobile App Configuration

Setting up the gateway is quick and effortless. Just open the elia mobile app, scan the environment for nearby devices, and they'll automatically connect to your elia environment. No complex setup or manual pairing required.

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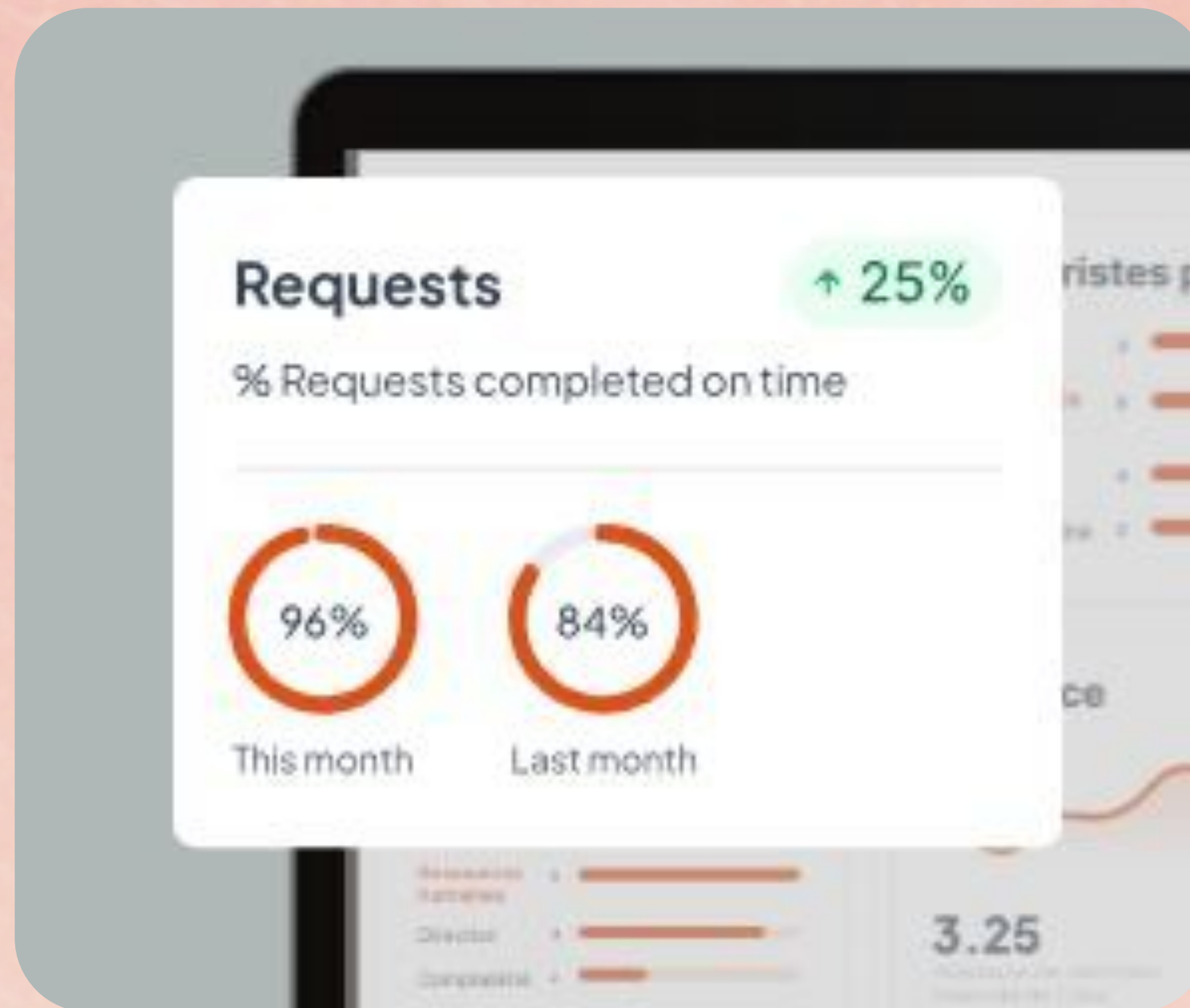
HOW IT WORKS



01

Mount the Gateway on Any Surface

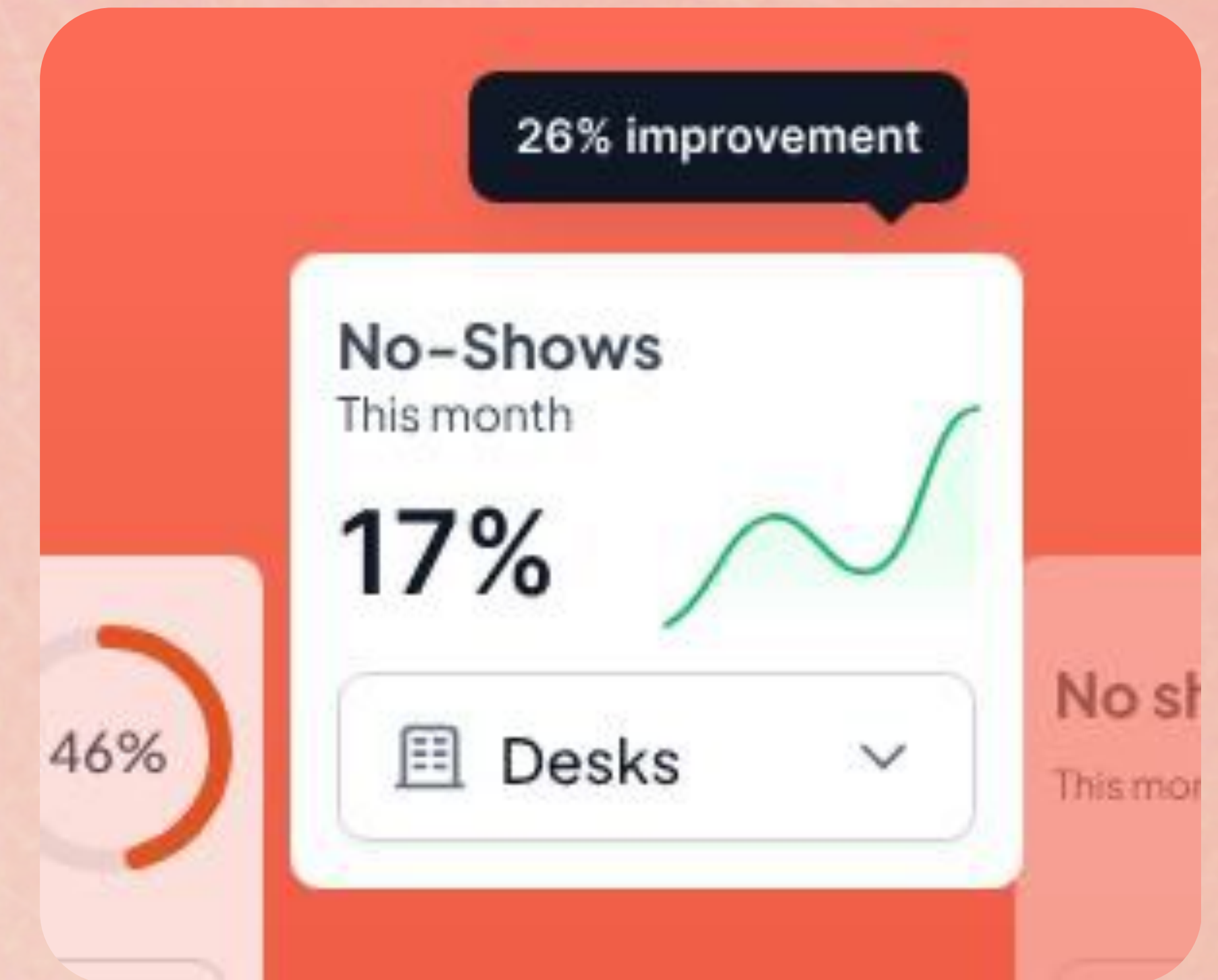
Choose the best location for your gateway based on your office layout. It can be securely mounted to any wall or placed on a flat surface like a desk or shelf, allowing for flexible placement that suits your environment.



02

Transmit Data to elia in Real Time

The gateway automatically scans your office environment to detect connected devices and collect data. It then syncs this information with the elia platform in real time, giving you a complete, up-to-date view of your workplace.



03

Unlock Powerful Space Insights

Access detailed reports on how your spaces are being used. Track occupancy trends, identify underused areas, and gain insights that help you make smarter decisions about layout, resource planning, and overall workplace strategy.

High-Density Connectivity

One device can simultaneously support and route data for up to 200 individual IoT products.

Durable by Design

Featuring IP 52 protection and a secure magnetic steel mounting plate, the casing reliably operates in standard indoor environments ranging from 0°C to 40°C.

Expansive Coverage Area

Each Gateway covers a 30-meter diameter zone, allowing data capture across different types of spaces.

Certified Enterprise Reliability

The gateway meets FCC Class B and EN55032 B emission standards, with EN61000 Level 3 immunity to electrostatic discharge and power surges, for safe integration into corporate environments.

Simplified Power Delivery

The Gateway is powered over Ethernet (PoE Type 1), so no separate power supply is needed at the device.

Flexible Network Protocols

Transmit sensor data back to the database using either a wireless Wi-Fi connection or a stable, hardwired Ethernet link.

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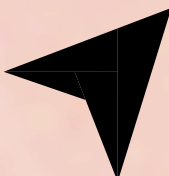
TECHNICAL SPECIFICATIONS

Usage	Gateway to interact with elia products	
Performance	Number of simultaneous connections	Up to 200 IoT products per elia Gateway
	Reach	30m diameter
Mechanics	Height	70mm
	Width	50mm
	Thickness	35mm
	Weight	100g
Communication Protocol	elia Spot to elia Gateway	BLE
	elia Gateway to elia database	Wi-Fi or Ethernet
Power	Power	15W maximum
	Power input	PoE Type 1
Casing	Attachment	Magnetic, steel mounting plate
	Protection	IP 52
Certifications	Emmision	FCC Class B, EN55032 B
	Immunity	ESD : EN61000-4-2. Level 3 Surge : EN61000-4-5. Level 3
Environment	Temperature	0°C to 40°C
Warranty	1 year	

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