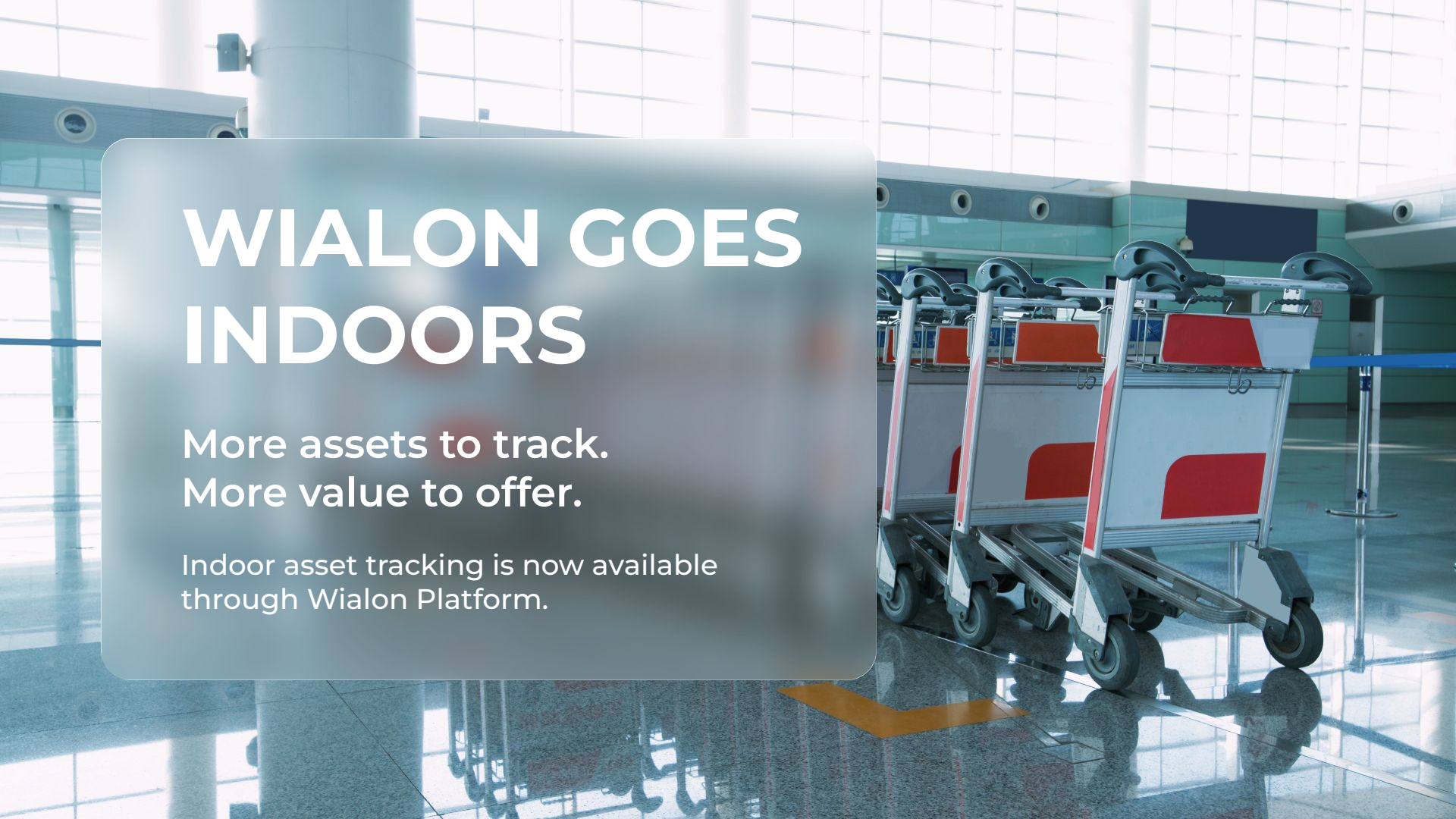


WIALON GOES INDOORS

More assets to track.
More value to offer.

Indoor asset tracking is now available through Wialon Platform.

THE ASSET IS IN THE BUILDING. BUT WHERE?

TIME LOST

Employees spend time walking through large facilities to find the equipment they need.

WORK DELAYED

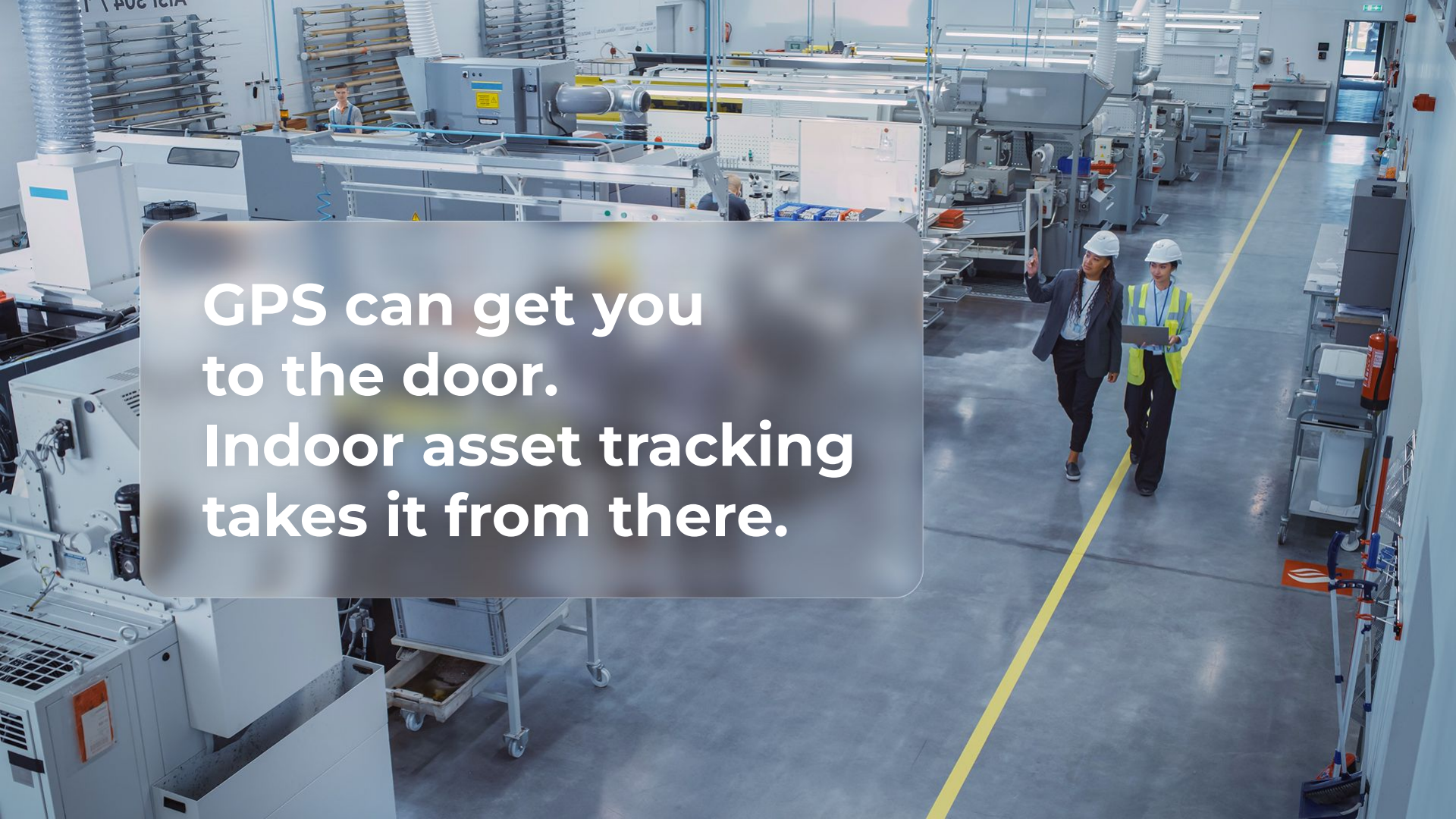
Work slows down when equipment is not where the team expects it.

LOW VISIBILITY

Teams have no quick way to see what equipment is available in each area.

AVOIDABLE COSTS

Poor visibility leaves assets idle and can lead to unnecessary replacement purchases.


GPS can get you
to the door.
Indoor asset tracking
takes it from there.

DIFFERENT INDUSTRIES. SAME OPERATIONAL PROBLEM.

FACTORIES & MANUFACTURING PLANTS
Pallets · material handling equipment · shared tools

HEALTHCARE & HOSPITALS
Wheelchairs · infusion pumps · beds · diagnostic units

RENTAL & CONSTRUCTION
High-value tools · generators · returnable gear

AIRPORTS & GROUND HANDLING
Tow tractors · belt loaders baggage carts · cargo pallets

The same questions, every day:

- Where is the asset we need?
- Which building, floor, or zone was it last detected in?
- Where did the equipment end up?

INDOOR ASSET TRACKING IS NOW AVAILABLE WITHIN WIALON PLATFORM

Help customers locate tagged assets inside large facilities by building, floor, and zone.

01

BUILDING

See in which facility the asset was last detected.

02

FLOOR

Narrow its latest detected location down to a specific floor.

03

ZONE

Identify the room, bay, or custom operational zone where it was last detected.

From physical tags to searchable business assets — managed through Wialon Platform.

HOW THE HARDWARE AND WIALON PLATFORM WORK TOGETHER

Teltonika hardware using Wirepas Mesh

01

Tag

Attached to the asset and sends a local signal.

02

Anchors

Placed throughout the facility to detect nearby tags.

03

Gateway

Collects data from the mesh network and sends it to Wialon Platform.

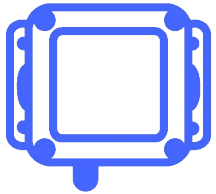
04

Wialon Platform

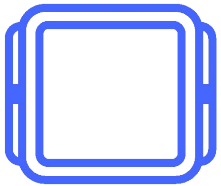
Turns signals into a searchable building, floor, and zone.

HOW DOES IT WORK IN PRACTICE?

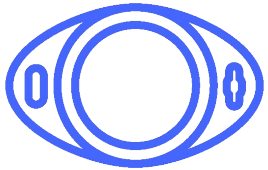
Let’s look at the technology connecting tags, anchors, gateways, and Wialon Platform.



Gateways



Anchor



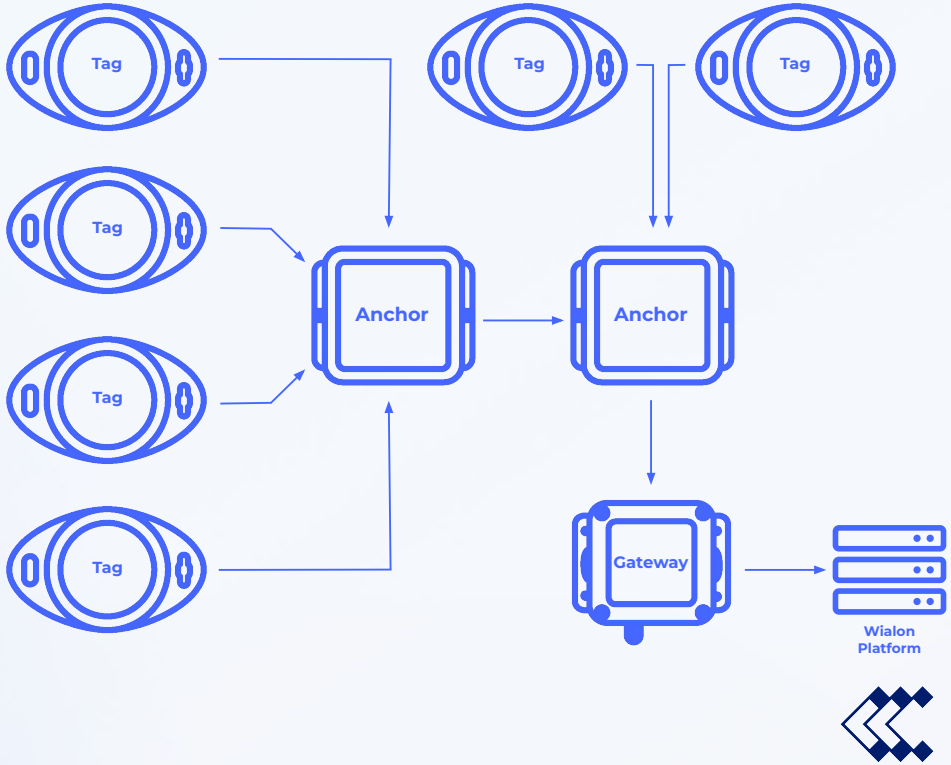
Tag

WHY MESH WORKS FOR INDOOR ASSET TRACKING

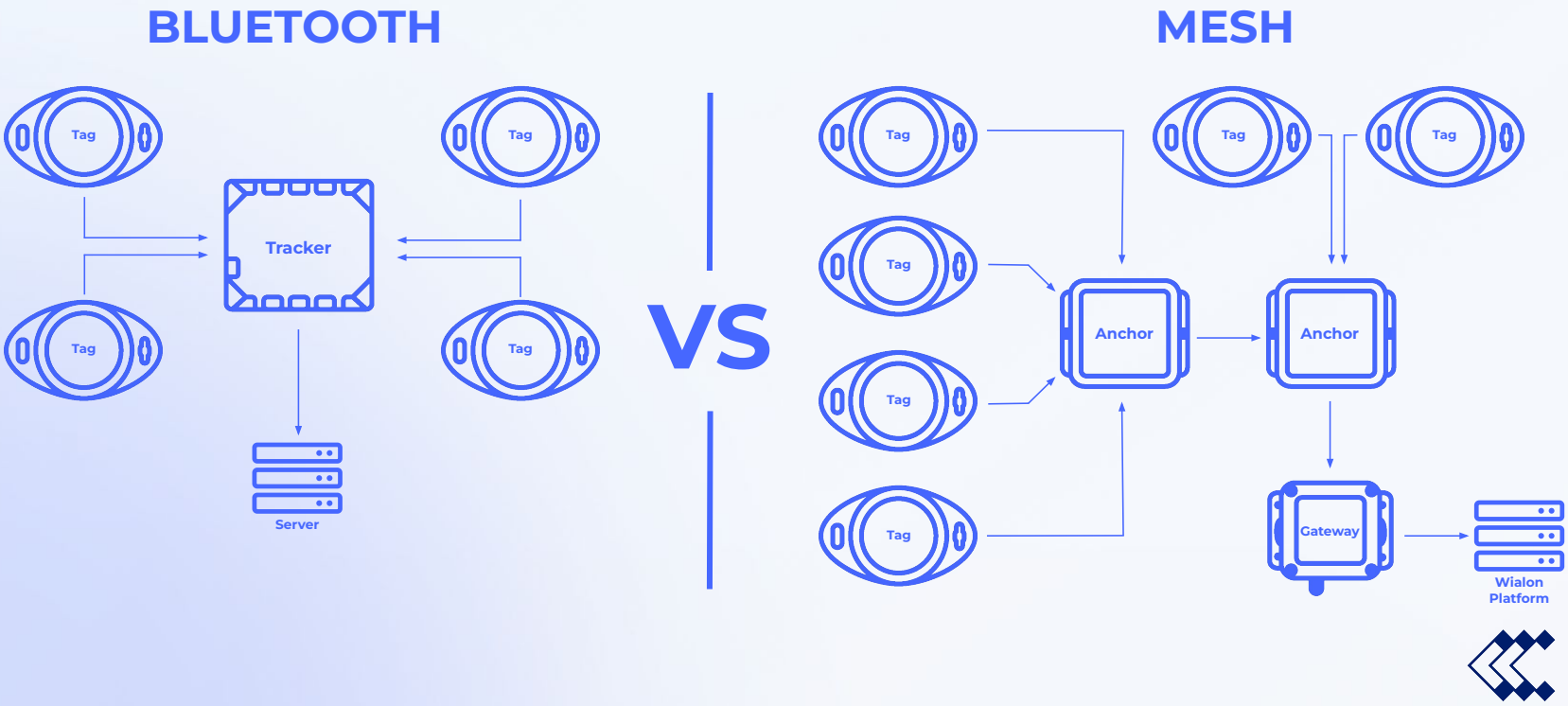
Mesh connects battery-powered anchors into a wireless network across the facility.

Tags communicate with nearby anchors, while the gateway sends the collected data to Wialon Platform.

This makes the network easier to expand across large and complex indoor environments without extensive wired infrastructure.



BLUETOOTH VS MESH: THE TECHNICAL DIFFERENCE



WHY MESH FITS LARGE INDOOR ENVIRONMENTS

- Scalable
- Supports a high number of tracked assets
- Reliable across complex facility layouts
- Requires less wired infrastructure



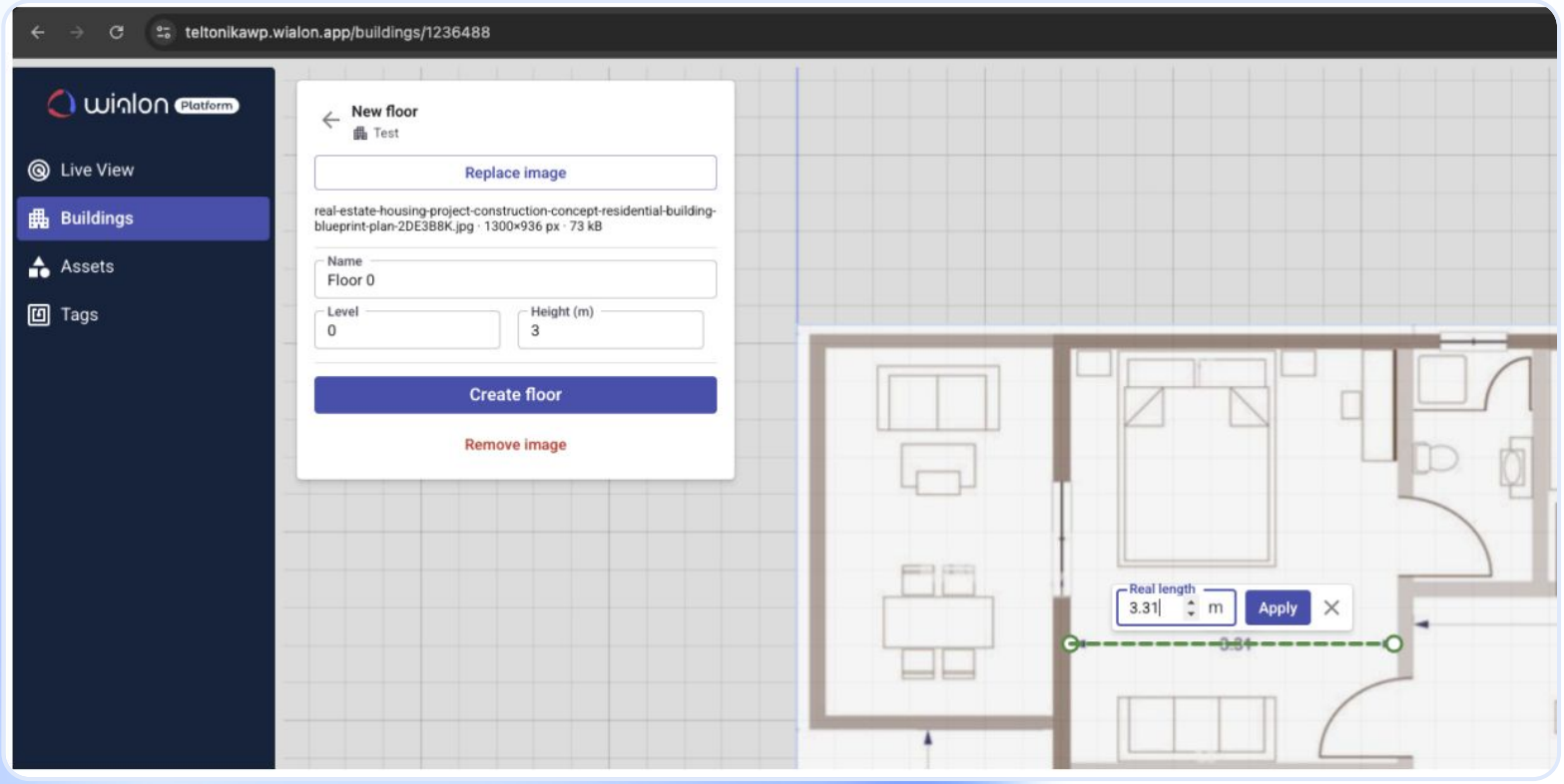
THE ESSENTIALS OF INDOOR ASSET TRACKING — IN ONE SOLUTION

- Set up buildings, floors, and custom zones
- Import assets and pair them with tags
- Search by asset or tag
- See where an asset was last detected
- Monitor tag battery and connection status
- Access the solution on the web or in the mobile app



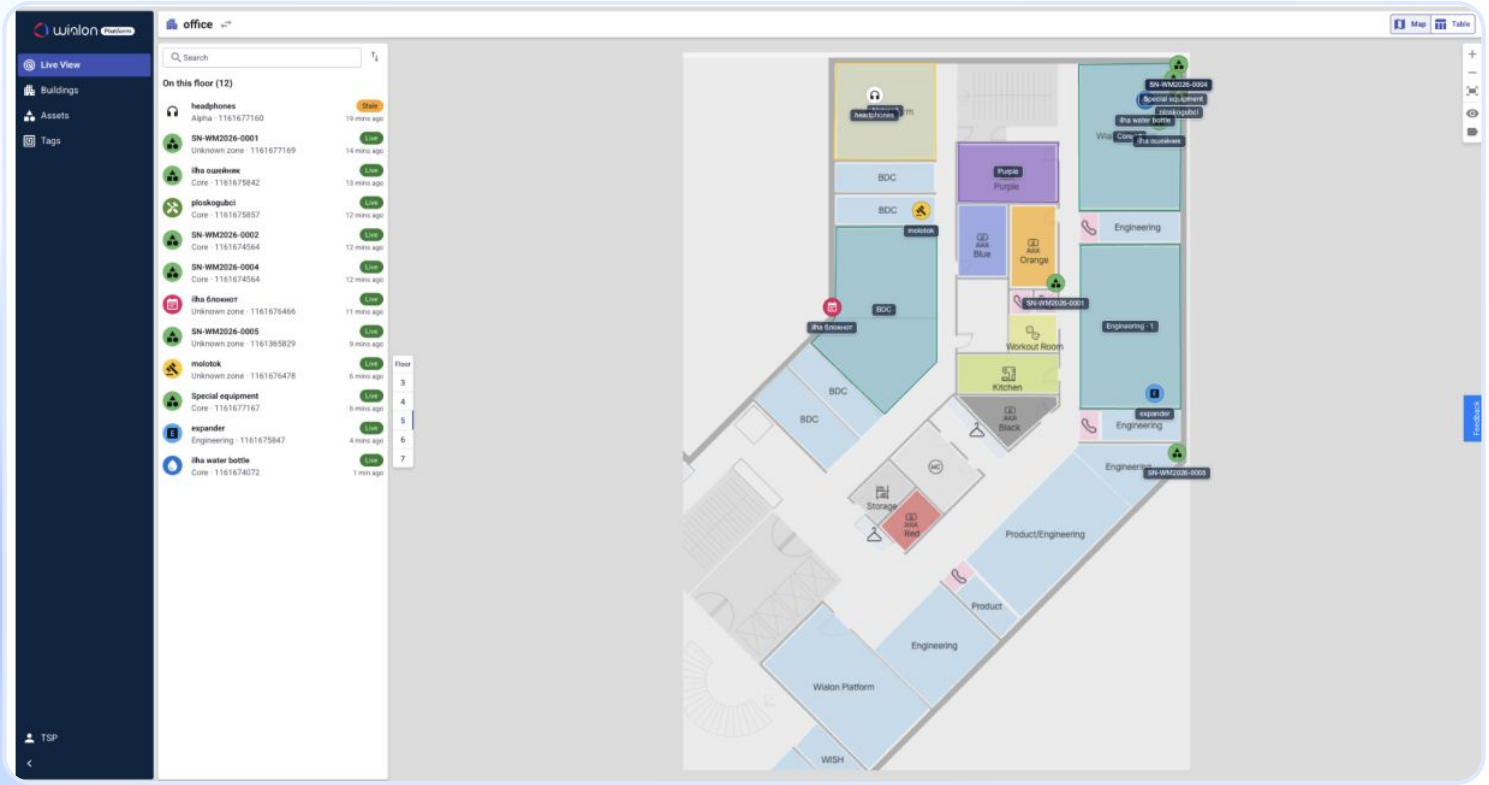
SET UP THE CUSTOMER'S INDOOR ENVIRONMENT

Create buildings and floors, upload floor plans, and define the zones where assets will be detected.



FIND EACH ASSET’S LATEST DETECTED LOCATION

Search for an asset and see the building, floor, and zone where it was last detected.



SET UP INDOOR ASSET TRACKING IN FIVE STEPS

01

Create the customer in Wialon Platform Studio

02

Connect the gateway

03

Upload and scale the floor plans

04

Draw zones and place gateways and anchors

05

Import assets, pair the tags, and start tracking

YOUR CUSTOMERS' ASSETS DON'T STOP AT THE DOOR

Turn indoor visibility into a new service

GO BEYOND THE FLEET

Track equipment, tools, pallets, and other movable assets inside facilities.

BUILD RECURRING REVENUE

Combine hardware, deployment, configuration, support, and software in one ongoing service.

GROW WITH THE CUSTOMERS

Solve indoor visibility problems for existing accounts.

KEEP IT ALL IN WIALON

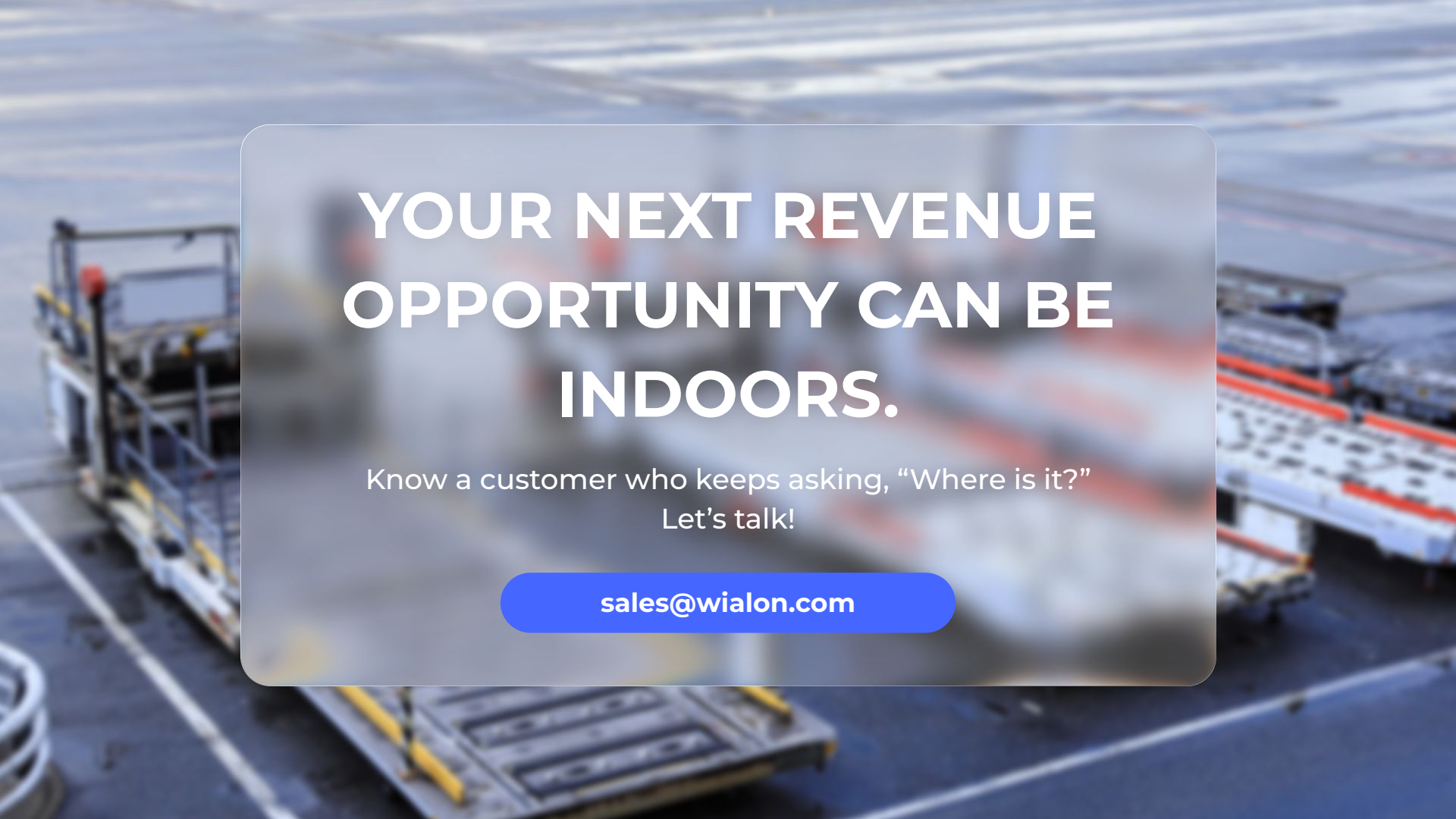
Set up and manage customer environments through Wialon Platform Studio.

SPOT THE RIGHT INDOOR OPPORTUNITY

Start with one question:

What valuable equipment does your customer regularly lose sight of inside the facility?

1. A large indoor facility
2. Many assets that move
3. A recurring “Where is it?” problem
4. A clear business reason to find assets faster



YOUR NEXT REVENUE OPPORTUNITY CAN BE INDOORS.

Know a customer who keeps asking, “Where is it?”
Let’s talk!

sales@wialon.com