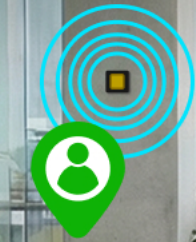


Indoor Location & Asset Tracking



Maya



Oliver

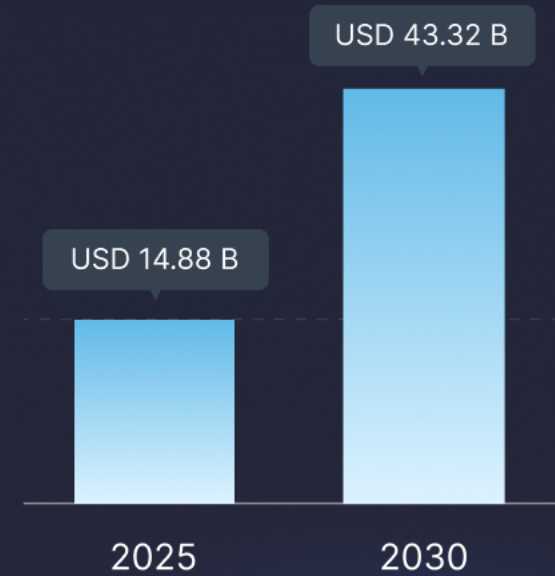


Liam

Why this industry is a strong opportunity for you

Indoor environments like hospitals, airports, malls, and construction sites are complex, crowded, and constantly moving. People, assets, and equipment move continuously, but traditional GPS-based tracking stops working indoors.

The indoor location solutions market size reached a value of USD 14.88 billion in 2025 and is forecast to post a 24% CAGR, lifting revenue to USD 43.32 billion by 2030.



Source: <https://www.mordorintelligence.com/industry-reports/indoor-location-solutions-market>

Key problems you can solve

-  No real-time visibility inside buildings
-  Poor coordination during emergencies
-  Asset loss or theft
-  Manual dependency for movement tracking
-  Inefficient use of staff and resources
-  Safety risks in high-risk or crowded areas
-  No proof for audits and compliance
-  Multi-floor and zone-level complexity

What you can offer with Uffizio



Real-time indoor tracking for people and assets



Zone-level and room-level location accuracy



Heat maps for movement, footfall



Geo-fencing with unauthorized entry alerts



Multi-floor indoor maps and live visibility



Asset utilization and idle-time tracking



SOS / panic alerts for emergencies

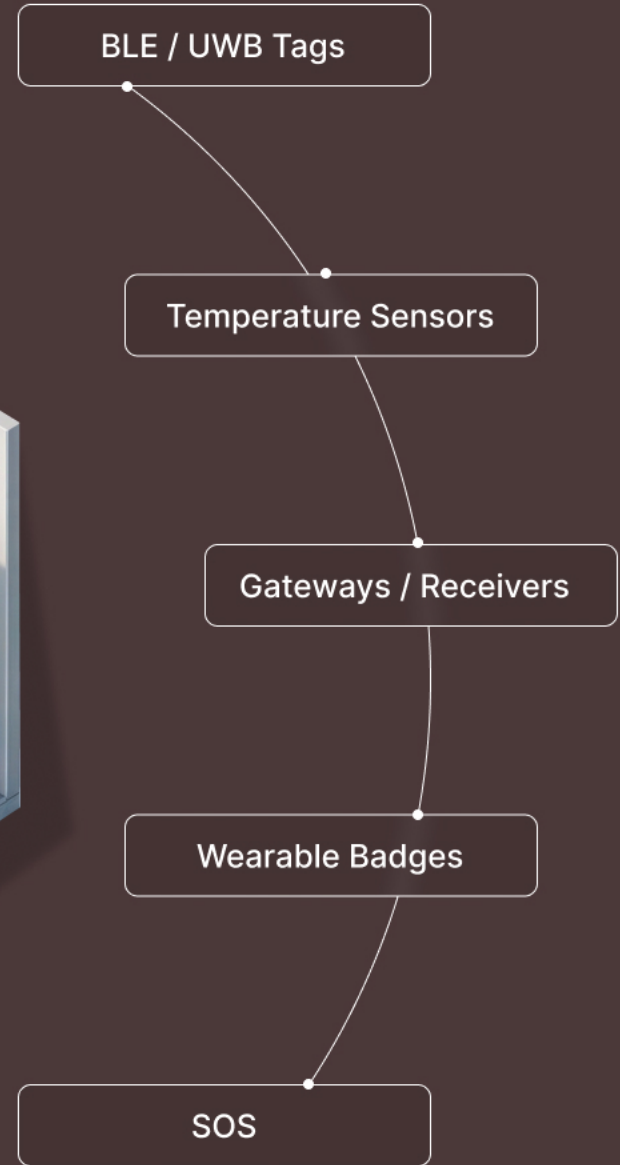


Reports and analytics

Benefits that help you close deals faster

- ✓ Immediate ROI visibility through asset recovery and reduced loss
- ✓ Operational efficiency gains by cutting search time for equipment and personnel
- ✓ Scalable across multiple buildings and sites
- ✓ Data-backed decision making with movement analytics and utilization reports
- ✓ Improved compliance & accountability via location history and event logs

Hardware used in this Industry



01

USE CASE

Hospital indoor location & asset tracking

Hospitals are busy, multi-floor environments where patients, staff, and critical medical equipment move constantly.

When location visibility is missing, it leads to delays in care, safety risks, and operational inefficiencies. This use case shows how indoor tracking helps hospitals respond faster, improve safety, and use resources better.



01 Difficulty finding medical equipment

Problem

Staff waste time searching for wheelchairs, pumps, or monitors.



Solution

Real-time indoor asset tracking shows exact equipment location.



02 Delays in emergency response

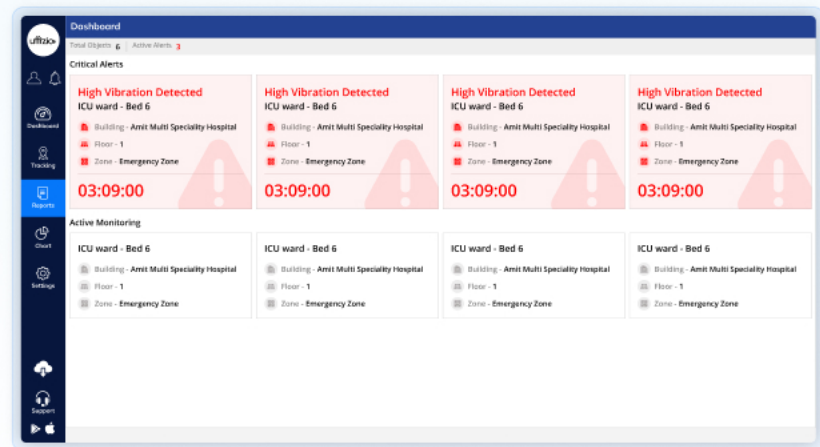
Problem

When an emergency happens, the control team cannot quickly identify where the incident occurred



Solution

Live indoor location tracking alerts the floor in-charge with the emergency location



03 Unauthorized access to restricted areas

Problem

Patients or visitors enter restricted hospital zones without staff being aware.



Solution

Zone-based alerts notify staff immediately, and a zone-wise violation report on the dashboard provides clear visibility.

Building	Floor	Zone	Violations	Duration
Skyline Plaza	1st Floor	Innovator Zone	5	01:15
Skyline Plaza	2nd Floor	Design Zone	4	00:45
Skyline Plaza	3rd Floor	Startup Zone	6	02:30
Skyline Plaza	4th Floor	Collaboration Zone	2	00:20
Skyline Plaza	5th Floor	Research Zone	1	00:05
Skyline Plaza	3rd Floor	Development Area	2	00:10
Skyline Plaza	2nd Floor	Creative Zone	3	00:15
Skyline Plaza	4th Floor	Planning Area	4	00:20
Skyline Plaza	1st Floor	Innovation Zone	5	00:25
Skyline Plaza	Ground Floor	Evaluation Area	6	00:30

04 Poor equipment utilization

Problem

Hospitals buy or rent extra equipment unnecessarily.



Solution

Utilization reports show actual asset usage.

Branch	Building	Floor	Zone	Total Visits	Unique Visitors	Average Dwell Time	Peak Occupancy (%)	Average Occupancy (%)	Overcrowding Alerts
InnovateTech	Gotham	1st Floor	Development Hub	0	1	01:15	5.0%	15.5%	2
InnovateTech	Gotham	2nd Floor	Sustainability Zone	1	2	02:30	10.0%	25.0%	3
InnovateTech	Gotham	3rd Floor	Innovation Area	2	3	03:45	12.5%	30.0%	4
InnovateTech	Gotham	4th Floor	Tech Lounge	3	4	04:00	15.0%	40.0%	2
InnovateTech	Gotham	5th Floor	Wellness Center	4	5	05:15	3.0%	5.0%	1
InnovateTech	Gotham	6th Floor	Learning Hub	5	6	06:30	6.0%	8.0%	0
InnovateTech	Gotham	7th Floor	Engineering Zone	6	7	07:45	7.5%	9.5%	5
InnovateTech	Gotham	8th Floor	Design Studio	7	8	08:00	20.0%	14.0%	1
InnovateTech	Gotham	9th Floor	Research Lab	8	9	09:15	13.0%	11.0%	3
InnovateTech	Gotham	10th Floor	Strategy Room	9	10	10:30	11.0%	18.0%	0
InnovateTech	Gotham	11th Floor	Data Analysis Zone	0	11	11:45	14.0%	12.0%	4
InnovateTech	Gotham	12th Floor	Emergency Center	1	12	12:00	17.0%	22.0%	2
InnovateTech	Gotham	13th Floor	AI Innovation Hub	2	13	13:15	16.0%	6.0%	3
InnovateTech	Gotham	14th Floor	Crypto Zone	3	14	14:30	18.0%	10.0%	1
InnovateTech	Gotham	15th Floor	VR Studio	4	15	15:45	19.0%	21.0%	5
InnovateTech	Gotham	16th Floor	Gaming Zone	5	16	16:00	22.0%	27.0%	2
InnovateTech	Gotham	17th Floor	Finance Hub	6	17	17:15	25.0%	34.0%	0
InnovateTech	Gotham	18th Floor	Mobile Zone	7	18	18:30	30.0%	33.0%	3
InnovateTech	Gotham	19th Floor	Security Lab	8	19	19:45	21.0%	28.0%	4
InnovateTech	Gotham	20th Floor	Cloud Center	9	20	20:00	23.0%	45.0%	2

05 Staff accountability gaps

Problem

During incidents, there is no clear record of which staff were present or how quickly they responded.



Solution

Staff movement tracking shows staff location, movement path, and response time, with playback.

Branch	Object	Device ID	Object Type	Total Movements	Unique Zones Visited	Unique Rooms Visited	Unique Buildings Visited	First Seen	Last Seen	Last Seen Location	Total Duration	Average Dwell	Longest Single Dwell	Most Visited Zone	Distance	Restricted Status	Off-Hours Activity %
IT	IT	10000001	Server	5	2	0	2	12:00:00	12:00:00	Server Room	11:30	0:05	11:30	Server Room	10.00	1	10.00%
IT	IT	10000002	Server	6	3	1	3	12:00:00	12:00:00	Server Room	11:45	0:07	11:45	Server Room	10.00	1	10.00%
IT	IT	10000003	Server	7	4	2	4	12:00:00	12:00:00	Server Room	12:00	0:08	12:00	Server Room	10.00	1	10.00%
IT	IT	10000004	Server	8	5	3	5	12:00:00	12:00:00	Server Room	12:15	0:09	12:15	Server Room	10.00	1	10.00%
IT	IT	10000005	Server	9	6	4	6	12:00:00	12:00:00	Server Room	12:30	0:10	12:30	Server Room	10.00	1	10.00%
IT	IT	10000006	Server	10	7	5	7	12:00:00	12:00:00	Server Room	12:45	0:11	12:45	Server Room	10.00	1	10.00%
IT	IT	10000007	Server	11	8	6	8	12:00:00	12:00:00	Server Room	13:00	0:12	13:00	Server Room	10.00	1	10.00%
IT	IT	10000008	Server	12	9	7	9	12:00:00	12:00:00	Server Room	13:15	0:13	13:15	Server Room	10.00	1	10.00%
IT	IT	10000009	Server	13	10	8	10	12:00:00	12:00:00	Server Room	13:30	0:14	13:30	Server Room	10.00	1	10.00%
IT	IT	10000010	Server	14	11	9	11	12:00:00	12:00:00	Server Room	13:45	0:15	13:45	Server Room	10.00	1	10.00%
IT	IT	10000011	Server	15	12	10	15	12:00:00	12:00:00	Server Room	14:00	0:16	14:00	Server Room	10.00	1	10.00%
IT	IT	10000012	Server	16	13	11	16	12:00:00	12:00:00	Server Room	14:15	0:17	14:15	Server Room	10.00	1	10.00%
IT	IT	10000013	Server	17	14	12	17	12:00:00	12:00:00	Server Room	14:30	0:18	14:30	Server Room	10.00	1	10.00%
IT	IT	10000014	Server	18	15	13	18	12:00:00	12:00:00	Server Room	14:45	0:19	14:45	Server Room	10.00	1	10.00%
IT	IT	10000015	Server	19	16	14	19	12:00:00	12:00:00	Server Room	15:00	0:20	15:00	Server Room	10.00	1	10.00%

Result

Faster care delivery with improved safety and operational efficiency.

40%

Reduction in time spent searching for equipment

35%

Faster emergency response inside hospital premises

30%

Improvement in asset utilization

02

USE CASE

Airport staff, asset & luggage visibility

Airports depend on the smooth coordination of staff, security teams, equipment, and luggage inside terminals and restricted areas. Without indoor visibility, delays, security gaps, and baggage-related complaints increase. This use case shows how indoor tracking using tags and beacons helps airport authorities maintain control, safety, and accountability.



01 Multi-floor visibility gaps

Problem

Control rooms lack real-time visibility across multiple floors.



Solution

Indoor maps provide live floor-wise movement tracking.



02 Difficulty locating security & operations staff

Problem

Control rooms monitor multiple cameras but still struggle to locate staff quickly.



Solution

Tagged ID badges show real-time indoor location instantly.



03 Missing or misplaced airport equipment

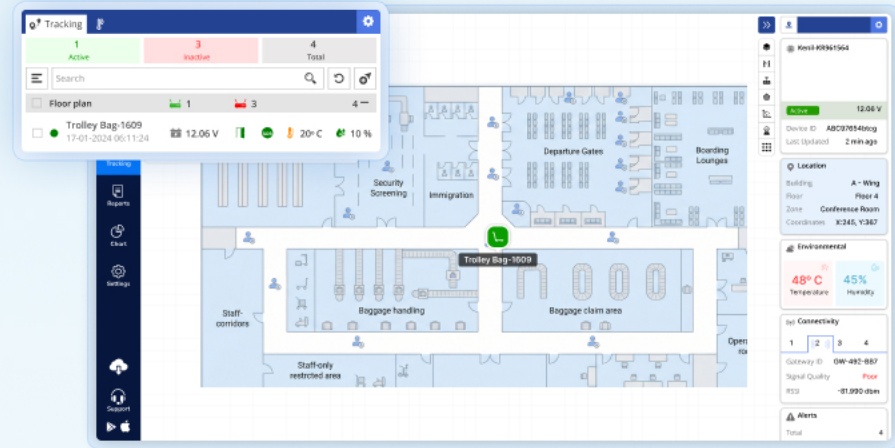
Problem

Wheelchairs, trolleys, and tools are often unavailable.



Solution

Asset tracking shows the exact location of each equipment item, with movement playback.



04 Luggage delays inside terminal areas

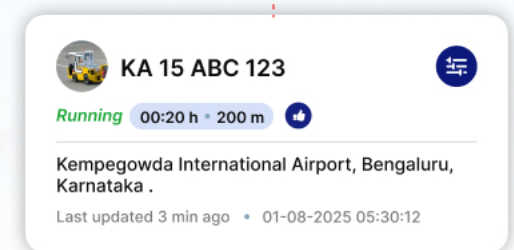
Problem

Checked luggage gets delayed or misplaced between zones.



Solution

Luggage tags track movement across baggage handling areas.



05 Audit & compliance pressure

Problem

Authorities need evidence of security, response, and baggage handling actions.



Solution

Automated reports show peak activity, missing objects, and alert status for audits.

Branch	Building	Floor	Events	Duration	Threshold	Total Occupancy	Avg Access Occupancy	Avg Egress	Peak Intensity
Grubbe	Metropolis	4th Floor	9	2:56:42	7	253	15.6	108.9%	High
Start Date Time	End Date Time	Duration	Occupancy	Access Occupancy	Egress %	Peak Intensity			
01-02-2026 12:00:00 AM	02-02-2026 10:11:16 AM	34:11	16	9	62.0%	High			
02-02-2026 10:11:16 AM	02-02-2026 11:17:02 AM	01:06	16	9	62.0%	High			
02-02-2026 11:17:19 PM	02-02-2026 09:56:04 AM	22:39	20	15	91.0%	High			
03-02-2026 03:18:00 PM	03-02-2026 03:59:00 PM	00:36	12	5	35.0%	Medium			
03-02-2026 03:26:00 PM	03-02-2026 04:59:00 PM	01:36	13	6	40.0%	Medium			
07-02-2026 11:30:00 AM	07-02-2026 03:59:00 PM	14:01	93	66	60.0%	High			
15-02-2026 11:15:00 AM	10-02-2026 01:00:00 PM	01:45	9	2	14.0%	Medium			
15-02-2026 10:21:00 PM	10-02-2026 10:41:00 PM	00:20	6	1	7.0%	Low			
12-02-2026 04:10:00 PM	12-02-2026 03:01:00 PM	00:51	6	0	0.0%	Low			

Result

Better airport operations with improved safety and baggage control.

30%

Faster internal emergency response

35%

Reduction in luggage handling delays inside terminals

45%

Improvement in equipment availability

03

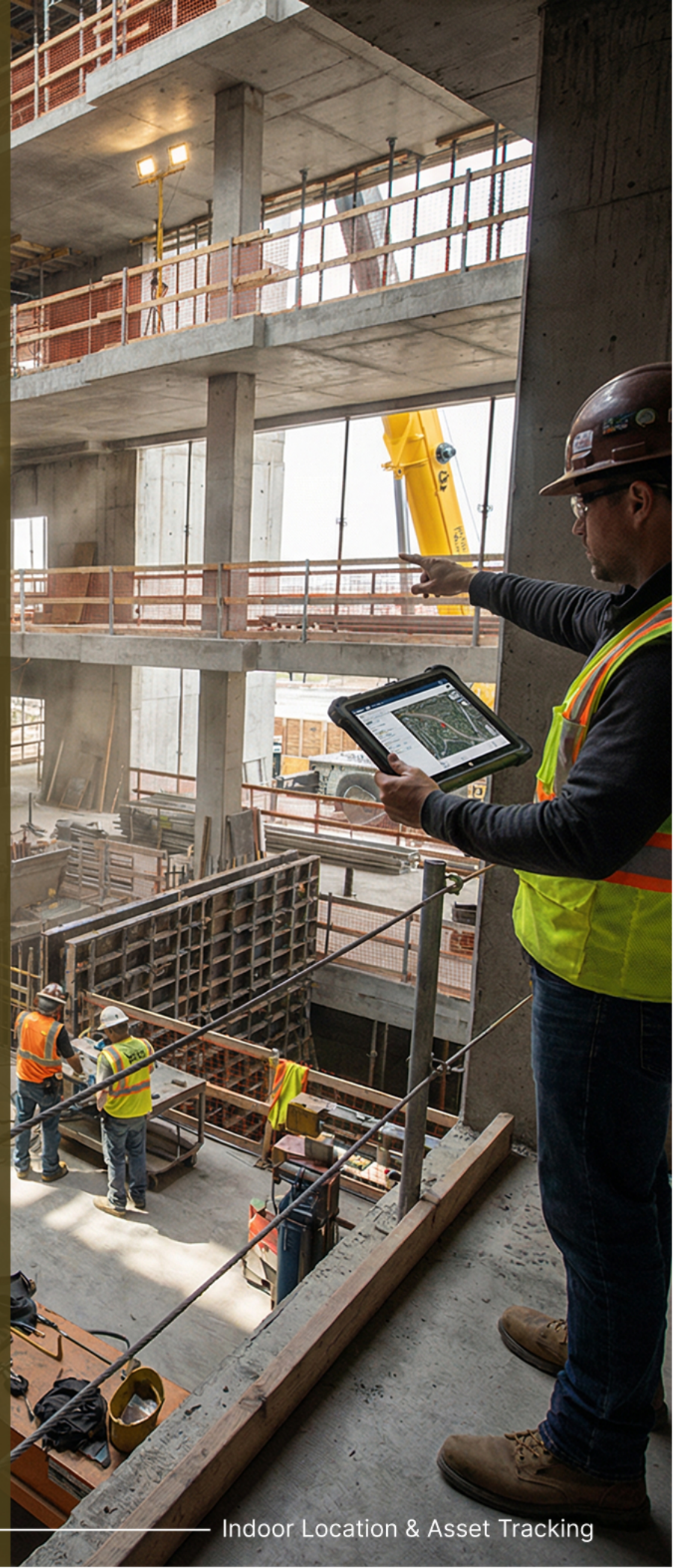
USE CASE

Construction site equipment & tool tracking

Construction sites handle high-value tools, machinery, and equipment spread across multiple floors and zones.

When equipment visibility is missing, it leads to tool loss, delays, misuse, and higher project costs.

This use case shows how indoor tracking helps construction teams protect assets, improve utilization, and maintain site control.



01 No real-time visibility indoors

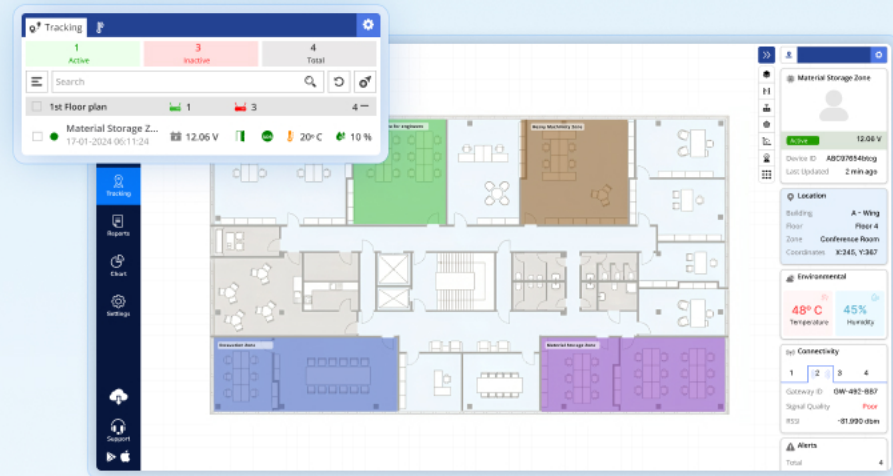
Problem

Managers cannot track workers or assets once operations move inside buildings.



Solution

Real-time, floor-wise and zone-wise visibility through a centralized dashboard.



02 Worker safety risks

Problem

Locating workers during accidents or emergencies is time-consuming.



Solution

Wearable tags enable instant worker location tracking and faster emergency response.



03 Tool and equipment misplacement

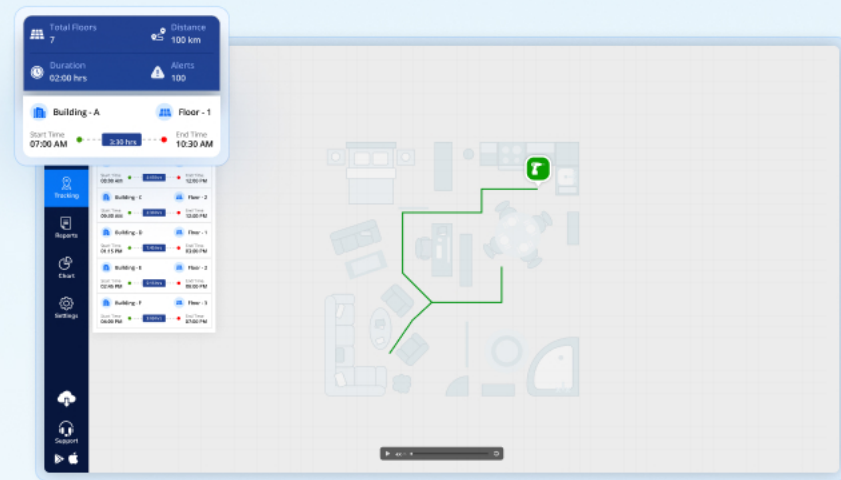
Problem

Untracked tools move across floors, causing delays and losses.



Solution

Tool tracking with live location view and movement alerts prevents misplacement.



04 Unauthorized access to risky zones

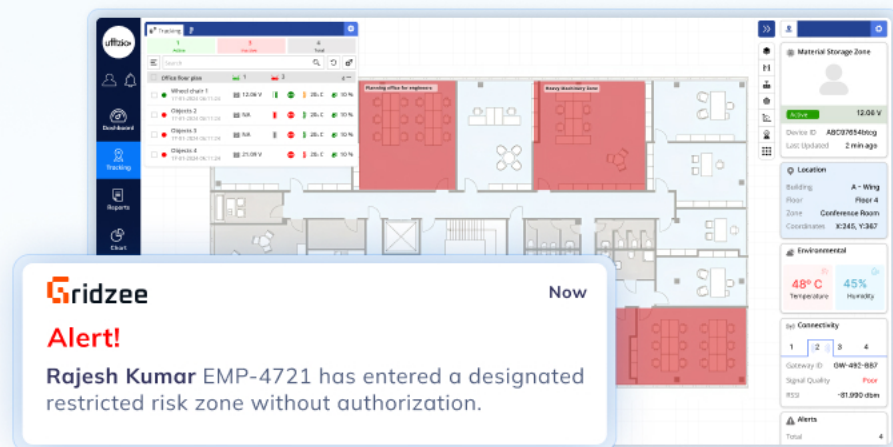
Problem

Workers enter hazardous or restricted areas unknowingly.



Solution

Zone-based alerts notify managers immediately when restricted areas are accessed.



05 No productivity insights

Problem

Lack of data on workforce movement and idle time affects planning.



Solution

Automated reports provide insights into attendance, movement, and zone-wise productivity.

Company	Location	Date Time	Alert Type	Floor	Object	Zone	Gateway	Event	Status	Acknowledge By	Acknowledge Time
Locatable	Delhi	09-02-2026 04:45:00 PM	Proximity Alert	First Floor	Sensor	South Wing	310	Reception	■	Ajjan	Medium
Locatable	Delhi	09-02-2026 05:02:15 PM	Safety Alert	Ground Floor	Beacon	West Hall	425	Exit	■	Sita	High
Locatable	Delhi	09-02-2026 05:15:30 PM	Floor Transition	Second Floor	Tracker	East Corridor	118	Elevator	■	Raj	Medium
Locatable	Delhi	09-02-2026 05:30:45 PM	Access Alert	Ground Floor	Sensor	North Entrance	512	Lobby	■	Anshu	Low
Locatable	Delhi	09-02-2026 05:45:00 PM	Dining Alert	First Floor	Beacon	Center Hall	225	Cafeteria	■	Karan	High
Locatable	Delhi	09-02-2026 06:00:15 PM	Safety Alert	Basement	Sensor	South Entrance	395	Stairs	■	Piya	Medium
Locatable	Delhi	09-02-2026 06:15:30 PM	Exit Alert	Ground Floor	Tracker	Main Auditorium	140	Hallway	■	Vikram	Low
Locatable	Delhi	09-02-2026 06:30:45 PM	Service Alert	Ground Floor	Beacon	Loading Dock	220	Service Area	■	Meera	High
Locatable	Delhi	09-02-2026 06:45:00 PM	Security Alert	Ground Floor	Sensor	North Side	315	Security Post	■	Sansr	Medium
Locatable	Delhi	09-02-2026 07:00:15 PM	Alert Notification	Second Floor	Tracker	West Wing	420	Conference Room	■	Maha	High
Locatable	Delhi	09-02-2026 07:15:30 PM	Hygiene Alert	Ground Floor	Beacon	East Wing	174	Restroom	■	Dev	Low
Locatable	Delhi	09-02-2026 07:30:45 PM	Parking Alert	Ground Floor	Sensor	South Entrance	352	Parking Area	■	Olga	Medium
Locatable	Delhi	09-02-2026 07:45:00 PM	Outdoor Alert	Third Floor	Beacon	Rooftop	458	Outdoor Patio	■	Harsh	High
Locatable	Delhi	09-02-2026 08:00:15 PM	Touch Alert	First Floor	Tracker	Innovation Center	591	Tech Hub	■	Pooja	Medium

Result

Better control of construction equipment with reduced loss and delays.

25%

Reduction in tool loss

20%

Improvement in workforce productivity

30%

Fewer safety violation

04

USE CASE

Warehouse indoor asset & inventory monitoring

Warehouses store and move goods, pallets, and equipment every day. Items are placed across many aisles and sections. When teams don't know where things are inside the warehouse, work slows down and mistakes happen. This use case shows how indoor tracking helps warehouses find items faster, avoid loss, and work more smoothly.



01 Items are hard to find

Problem

Workers spend time searching for pallets and boxes.



Solution

Indoor tracking shows exactly where items are kept.



02 Too much crowd in some area

Problem

Forklifts are kept in the same areas, causing crowding and safety risks.



Solution

Heat maps show areas with high and low movement, helping teams balance flow and reduce crowding.



03 Temperature control issues

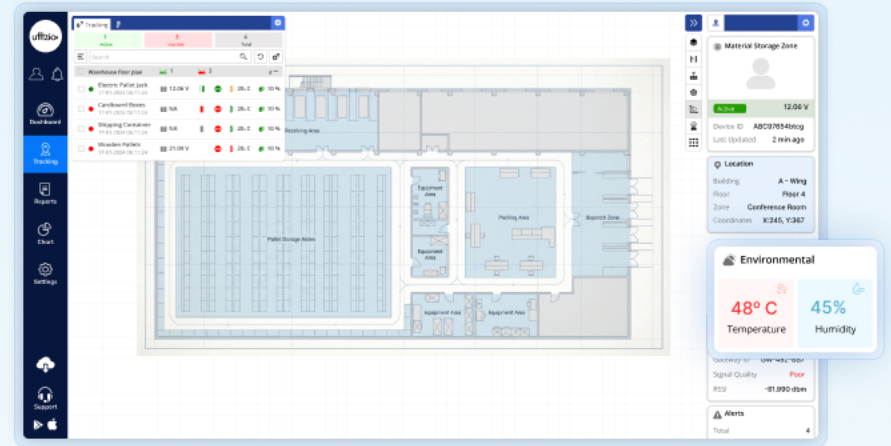
Problem

Temperature changes inside the facility go unnoticed, putting sensitive goods at risk.



Solution

Temperature alerts notify teams instantly whenever temperature crosses the defined limits.



04 Zone capacity visibility

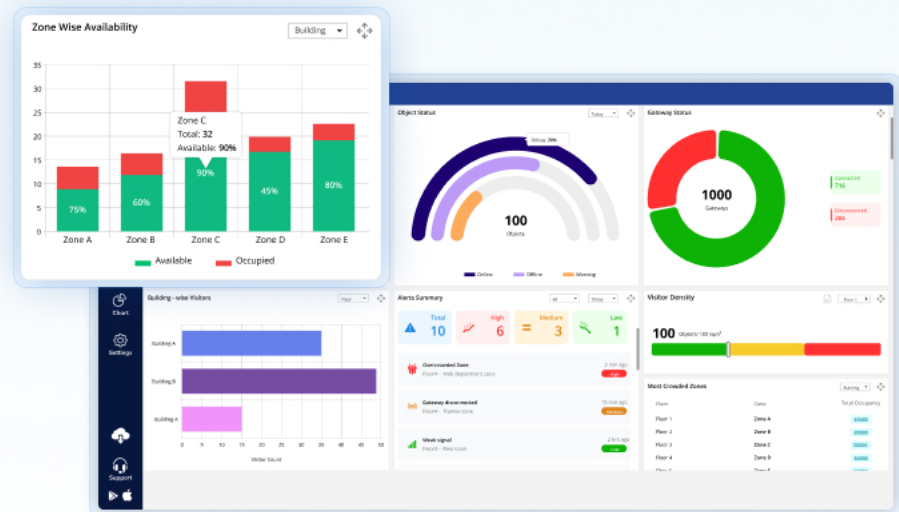
Problem

Lack of zone capacity insights leads to congestion and idle space.



Solution

Real-time zone availability shows capacity status for better planning.



05 No record of item movement

Problem

Teams don't know who moved items or where they went.



Solution

Movement report along with playback keeps a record of item location changes.

Branch	Object	Device ID	Object Type	Total Movements	Unique Zones Visited	Unique Rooms Visited	Unique Buildings Visited	First Seen	Last Seen	Last Seen Location	Total Duration	Average Dwell	Longest Single Dwell	Most Visited Zone	Distance	Restricted Status	Off-Hours Activity %
BayTech Innovations	Temp Sensor	10902086	TEMP	5	2	0	2	12:40:26 12:13 AM	12:40:26 11:58 AM	Garbans Office	11:30	8055	11:30	Main Hall	58.32	1	10.4%
Reptone Solutions	RFID Bead	10902087	RFID	6	3	1	2	12:40:26 12:31 AM	12:40:26 11:45 AM	DeWitts Warehouse	11:45	30:20	11:45	Reception Area	181.63	1	87.8%
Highcube Technology	Multi-Use Sensor	10902088	LOC	1	4	2	4	12:40:26 12:48 AM	12:40:26 12:58 PM	Larwick Lab	12:00	84:15	12:00	Creative Space	200.7	1	85.8%
ECOline Systems	SDS	10902089	AGI	8	5	2	3	12:40:26 8:00 AM	12:40:26 12:13 PM	Greenhill Office	12:15	34:30	12:15	Exit Zone	46	1	19.2%
WaterMaster Temp. Sensor	Temp. Sensor	10902090	VIB	9	6	4	6	12:40:26 8:13 AM	12:40:26 12:28 PM	Public Station	12:30	84:45	12:30	Monitoring Room	8.00	1	10.8%
Intelligence Corp	WiFi Bead	10902091	RFID	10	7	5	7	12:40:26 8:10 AM	12:40:26 12:40 PM	Subgrade Sector	12:45	80:00	12:45	Storage	2	1	89.2%
Thermaxion Multi-Use Temp. Sensor	Multi-Use Temp. Sensor	10902092	IR	11	8	6	8	12:40:26 8:18 AM	12:40:26 8:18 PM	Hollywell Lab	01:00	85:15	01:00	Main Hall	27	1	90.1%
Subgraph Systems	SDS	10902093	GAO	12	9	7	9	12:40:26 8:00 AM	12:40:26 8:13 PM	Production HUB	01:15	80:30	01:15	Safety Zone	6.06	1	89.8%
AccuTech Inc.	Temp. Sensor	10902094	SDS	13	10	8	10	12:40:26 8:23 AM	12:40:26 8:18 PM	Quackton Room	01:30	85:45	01:30	Storage Room	36	1	15.8%
ClearWater Tech	Multi-Use Sensor	10902095	SUPB	14	11	9	11	12:40:26 8:23 AM	12:40:26 8:18 PM	WaterQuality Control	01:45	86:00	01:45	Water Treatment	8.1	1	89.8%
Subgrade Technology	SDS	10902096	UV	15	12	10	15	12:40:26 8:28 AM	12:40:26 8:28 PM	Water Storage	02:00	86:15	02:00	Reception Lab	8.00	1	82.9%
AgriTech Innovations	Temp. Sensor	10902097	SWS	16	13	11	16	12:40:26 8:00 AM	12:40:26 8:13 PM	Water Tank	02:15	86:30	02:15	Exit Zone	52.34	1	12.8%
ParWater Technology	SDS	10902098	CL	17	14	12	17	12:40:26 8:13 AM	12:40:26 8:28 PM	Water Safety Station	02:30	86:45	02:30	Water Lab	8.00	1	10.8%
Subgrade Tech	RFID Bead	10902099	RFID	18	17	12	18	12:40:26 8:28 AM	12:40:26 8:28 PM	Safety Control	02:45	87:00	02:45	Reception Room	8.1	1	94.8%
Intelligence Tech	SDS	10902100	RFID	19	18	14	19	12:40:26 8:43 AM	12:40:26 8:28 PM	RFID Management Office	03:00	87:15	03:00	How Control Area	5.16	1	88.8%

Result

Faster work, less loss, and better control inside the warehouse.

40%

Less time spent searching for items

35%

Faster order picking and dispatch

48%

Better visibility of pallets and goods