UNYDE®

Case study · Healthcare

Fall prevention · RTLS

Alerts before a fall, and equipment found in seconds

Unyde's hospital systems give nurses an alert as a patient starts to leave the bed, and give staff the location of equipment and assistants on one hospital map.

A multi-speciality hospital

North India

The setting

A large hospital where minutes matter on every ward.

In a hospital of this size, nurses look after many beds at once, equipment moves between departments all day, and general duty assistants are called from one end of the building to the other. Three problems follow: falls when a patient gets up alone, time lost looking for equipment, and slow or uneven handling of requests for assistance.

Patient fall prevention

An alert before the patient stands.

- Sensors on both sides of the bed detect a patient starting to step out.
- The alert reaches the nursing-station dashboard and the nurse's phone.
- A response switch in the room records when the nurse arrives, and pauses the sensors while they help.
- Every alert is logged with who attended and how long it took.

Real-time location system

Every asset and assistant on one map.

- BLE tags on equipment and staff badges, gateways in each zone, readings to a cloud dashboard and app over the hospital's Wi-Fi.
- Immobility alerts for equipment not moved in a set number of days, so it can be sent where it is needed.
- Theft, device-power and low-battery alerts; an operating theatre checklist; asset history hour by hour.
- Dispatch for general duty assistants: locate, call, assign, monitor and validate each task.

What the hospital sees

Records it did not have before.

Falls	Every stepping-out alert, who attended and the response time
Equipment	Where each tagged asset is, and which have not moved in seven days
Assistants	Who is available, which task they are on and how long tasks take
Operating theatres	Whether the required equipment is in place before a procedure

Unyde's healthcare systems run on one BLE network, so patient tracking and sample monitoring can be added in the same building.

Next step

Talk to us about your hospital.

Tell us about your operation. A first call takes thirty minutes. info@unyde.in · +91 99719 17137 · unyde.in

Schedule a call

Clients are not named in Unyde case studies.