

CYIENT

Indoor Solution – Hospital Safety

Transforming Hospital Operations with Indoor Intelligence and Real-Time Visibility

Connect maps, assets, people, and workflows for faster response and smarter operations



Network Management
Specialty



Imagery
Specialty

Powered by ArcGIS® Indoors™

Why Hospitals Need Real-time Indoor Intelligence

In hospitals, static maps can't keep pace with patients, staff, responders, rooms, and assets in motion, leaving everyday gaps in navigation, visibility, response, and readiness:



Complex hospital navigation and wayfinding



Difficulty locating departments, rooms, and services



Limited visibility into critical medical assets



Slow emergency response and evacuation coordination



Disconnected facility and operational systems



Limited readiness for smart hospital operations

Why This Matters Now

Hospital staff lose 30 minutes a week just giving directions, a hidden drain on time that adds up fast. Indoor mapping closes that gap, reclaiming productivity, sharpening emergency coordination, and freeing teams to focus on patient care.

Source – Health Environments Research & Design Journal

When every second counts, hospitals need instant clarity on where assets are, how people move, and what action needs to happen next. Our Solution brings together indoor mapping, routing, and operational intelligence to help teams respond faster, improve coordination, and enhance patient care.

Enabling Smarter Navigation, Response, and Resource Management



Improved Visitor Experience

Simplified navigation and reduced stress for patients and visitors across healthcare campuses



Faster Emergency Response

Rapid routing, coordination, and operational awareness during emergencies and critical incidents



Better Operational Awareness

Real-time visibility into facilities, assets, departments, occupancy, and workflows



Streamlined Work Order Management

Seamless work order tracking, maintenance execution, and service coordination through a unified management system.



Improved Facility Efficiency

Integrated maintenance, incident management, and operational coordination workflows



Enhanced Space & Capacity Intelligence

Smarter utilization of healthcare spaces, operational environments, and emergency capacity planning



Improved Asset Utilization

Better tracking, visibility, and operational readiness of critical medical equipment



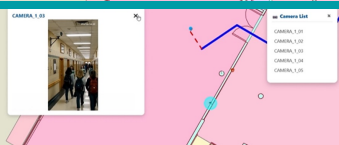
Smart Hospital Readiness

Foundation for connected healthcare operations, digital twins, and future-ready healthcare facilities

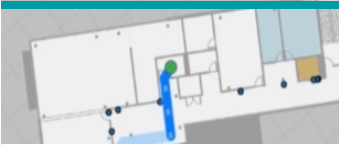
How Cyient Connects Hospital Maps, Assets, Workflows, and Response



Indoor Hospital Floor Plan
Indoor Maps from CAD/BIM/PDF/LiDAR Floor-aware maps | Navigation-ready | integration



Facility Incident Dashboard
Work orders & incidents | ServiceNow integration | Facility dashboards



Mobile Navigation Experience
Floor-aware navigation | Accessible routing | Patients, staff & responders



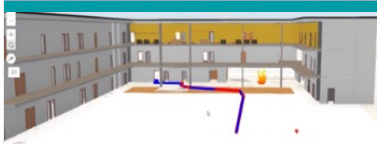
Smart Hospital Digital Twin Readiness
GIS, BIM & LiDAR integration | Connected ops | Smart hospital readiness



Medical Equipment Tracking
Real-time asset tracking | Inventory visibility | Maintenance readiness



Work Order & Space Management
Room utilization views | Occupancy planning | Emergency repurposing | Work Order Management



Emergency Evacuation Routing
Evacuation routing | Security visibility | Emergency preparedness

Built on a Connected Indoor Technology Stack


ArcGIS® Indoors


CAD Floorplans


BIM Models


LiDAR Scans


Mobile Navigation


Asset Tracking Systems


Enterprise GIS Integration


ServiceNow Integration


APIs & Workflows


Operational Dashboards


Smart Building Systems

The Cyient Advantage

Deep domain expertise across utilities, telecom, transportation and 30+ government clients, led by experienced GIS teams

Ground truth for confident decisions through reality mapping and 3D context, not just 2D maps

Anticipate change, act sooner with GeoAI and predictive modeling, guided by expert analysts

Intelligence inside daily operations via enterprise GIS integration and cloud delivery, not isolated files

A partner proven at scale as a 25+ year Esri Gold Partner with Imagery and Utility Network specialties

Proven GIS depth at scale

100+
Customers & 30+ Government Customers

120+
GIS Projects

35
Years of Geospatial Experience

10+
Industries

Ready to Turn Hospital Maps into Operational Intelligence?
Get in touch with us to explore how indoor intelligence can improve navigation, asset visibility, and emergency response across your healthcare facilities.

Cyient is a global lifecycle engineering company powering mission-critical industries from design to aftermarket across products, plants, and networks. With 300+ customers and 15,000+ associates across 30+ countries, we combine human expertise, deep domain knowledge, and AI to deliver intelligent engineering solutions across Aerospace and Rail, Automotive and Mobility, Connectivity, Energy, Healthcare, Mining, Utilities, and beyond.

North America Headquarters
USA | T: +1 860 528 5430

Europe, Middle East, and Africa Headquarters
UK | T: +44 118 3043720

Asia Pacific Headquarters
Australia | T: +61 2 8887 8600

Global Headquarters
Hyderabad | T: +91 40 6764 1000

cyient.com

facebook.com/cyient

@cyientnews

linkedin.com/company/cyient

© Cyient 2026. All rights reserved.