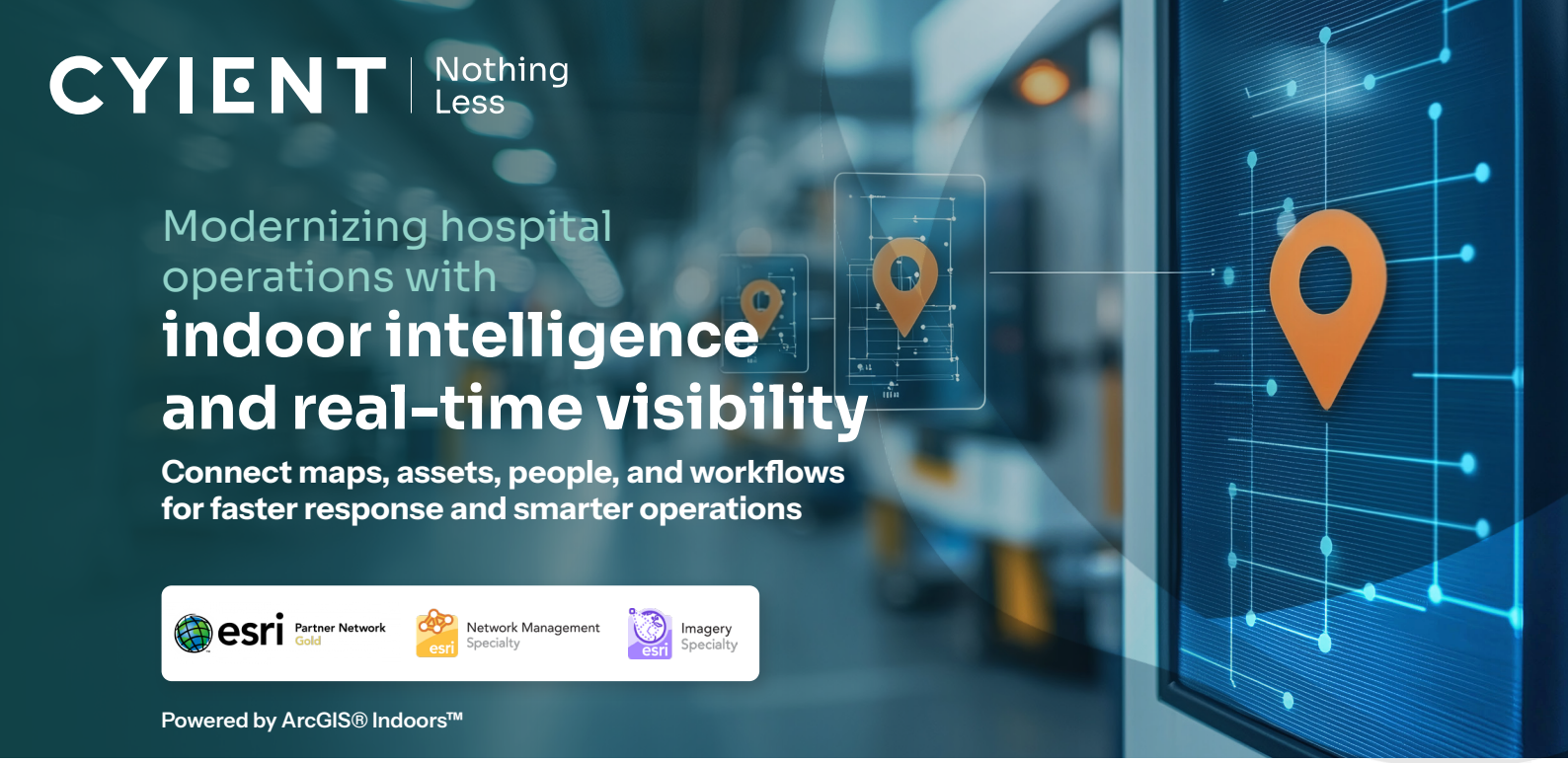
CYIENT | Nothing Less

Modernizing hospital operations with indoor intelligence and real-time visibility

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



esri Partner Network Gold | esri Network Management Specialty | esri 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:

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

- **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**

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.

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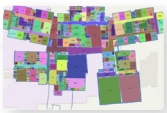
How cyient connects hospital maps, assets, workflows, and response



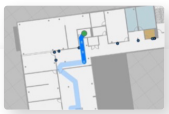
Indoor hospital floor plan

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



Facility incident dashboard

Work orders & incidents | ServiceNow integration | Facility dashboards



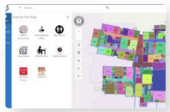
Mobile navigation experience

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



Smart hospital digital twin readiness

GIS, BIM & LiDAR integration | Connected ops | Smart hospital readiness



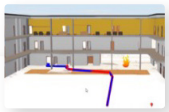
Medical equipment tracking

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 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+	120+	35+	10+
Customers & 30+ government customers	GIS projects	Years of geospatial experience	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 services 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 for every lifecycle across Aerospace and Rail, Automotive and Mobility, Connectivity, Energy, Healthcare, Mining, Utilities, and beyond.

To learn how we deliver exemplary outcomes, nothing less, visit www.cyient.com.

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