

Asset Tracking & Asset Management

Asset management challenges

Hospitals and clinics face ongoing challenges in their efforts to improve operational efficiency and provide better patient care and satisfaction. Significant amounts of time are often wasted on tasks such as locating medical equipment or performing repetitive activities manually.

The problem lies in limited knowledge of the exact location, status, and utilization of assets, resulting in time-consuming tasks, costly medical processes, and poor purchasing decisions.

IndoorPlus+ SmartCare solution

PEOPLE AND TECHNOLOGY (PnT) is a software solutions provider dedicated to accelerating the digital transformation of the healthcare industry. IndoorPlus+ SmartCare is a comprehensive suite of applications including various functionalities such as asset tracking and management, staff and patient safety monitoring, advanced temperature monitoring, contact tracing, navigation solutions, patient monitoring and workflow optimization.

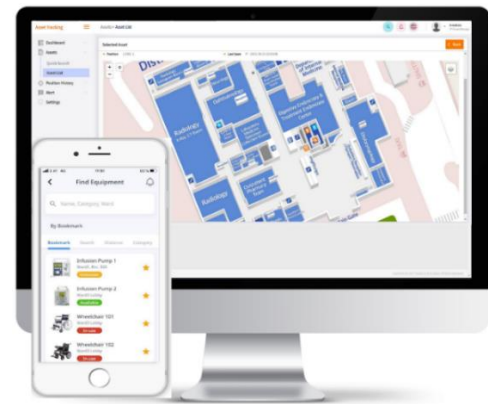
These applications are all supported by a unified platform that seamlessly integrates them. With this platform, we enable hospitals to effortlessly leverage data and insights to make significant progress in their digital transformation journey. The result is streamlined operations, improved workflow efficiency, better work-life balance for staff, and ultimately an overall higher quality of patient care.

Asset Tracking

IndoorPlus+ Asset Tracking provides search and tracking features to locate immediately assets

Some of the main benefits of IndoorPlus+ Asset tracking:

- Real-time location of assets
- Cut down on time spent looking for assets
- Ensure medical assets are in the correct places
- Retrieve historical records of asset movements
- Reduce asset loss and prevent theft



Asset Management

Typical assets

- mobile medical equipment
- patient transport and care equipment
- medication management equipment
- patient monitoring equipment

IndoorPlus+ Asset Management is a reliable source of information for asset utilization, assisting in properly dimensioning stocks and guiding purchase plans; hence, decreasing equipment expenditures. The application provides precise asset insights and analytics through flexible and customizable dashboards, allowing hospitals to boost efficiency and make the right decisions to optimize purchase policies.

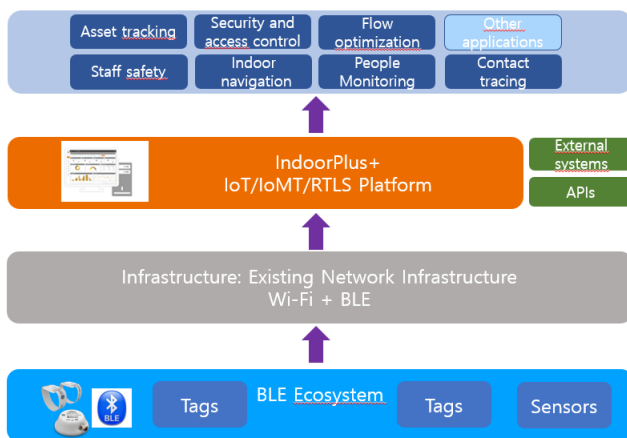


Some of the main benefits of IndoorPlus+ Asset Management:

- Provide Asset Insights and analytics
- Provide visibility on asset status
- Optimize asset utilization
- Minimize over-purchasing
- Monitor and optimize operational processes.
- Enable Preventive maintenance

Modular and scalable architecture

The architecture of IndoorPlus+ is modular to provide maximum flexibility for initial implementation and scalability to support future expansions.



- Unified, robust and \scalable back-end platform combining RTLS, IoT, and IoMT for smart sensing with geolocation algorithms, data collection and dispatching, storing and logging, administration functions, geofencing, and alert settings.
- IndoorPlus+ SmartCare utilizes Bluetooth Low Energy (BLE) technology, providing hospitals with a wide range of compatible device options, reducing equipment costs.
- Leveraging existing network infrastructure, PnT minimizes deployment challenges and costs, ensuring scalability and customization in collecting information from various sources
- Robust interfaces and standardized protocols ensure interoperability with applications and hospital infrastructure, enabling seamless integration with legacy and new systems
- Asset Tracking and Asset Management front-end applications include equipment search and location, real-time and historical monitoring,

visualization and performance dashboards (e.g. heatmaps, geofence analysis, motion audits, asset usage), and alerts.

Key advantages

- No Application Silos: One platform supporting multiple use cases combining sensor data and location.
- Reuse of network communication infrastructure for cost-effective deployment.
- Multi-vendor environment with BLE avoiding vendor lock-in and fostering innovation.
- Highly scalable, performant, open system.
- Flexible deployment choice: Cloud or On Premise.

Expected results

- Improved asset utilization and reduced costs
- Enhanced operational efficiency and streamlined workflows
- Preventive maintenance and equipment longevity
- Improved patient care and satisfaction
- Data-driven decision-making for resource

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