

HOW SMART IS YOUR HOSPITAL?

USE CASES

- **Efficiently optimize resources:**
Monitor patient wait times and treatment duration to more effectively manage medical staff and equipment scheduling, and reduce risk of poor utilization and lack of visibility.
- **Streamline operations for efficiency:**
Empower users to have visibility and control of medical equipment, and reduce time taken to find equipment, patients and staff — especially in emergency situations.
- **Save time for healthier outcomes:**
Utilize a single UI portal for full visibility and automated patient verification in order to mitigate mismanagement or inefficiency in identification and/or treatment of patients, staff and equipment.
- **Monitor safety and security:**
Enable a single console to onboard, manage, monitor and secure edge systems and connected devices — including patient worn devices to ensure they're up to date, secure and detecting any anomalies in real-time. Ensure the safety of information, patients and medical staff, and avoid any violations to established hospital protocols.



IoT, combined with analytics, will revolutionize healthcare facilities as we know it. The introduction of connected smart devices and analytics will provide the power to improve efficiency and safety, while helping to eliminate mistakes in the management of patients, staff and equipment.

The joint solution of VizExplorer's operational intelligence platform and VMWare's IoT Infrastructure Solutions will enable hospitals to enter the IoT revolution by providing real-time IoT analytics, management and security solutions.

KEY BENEFITS

- **Smarter Hospital Management:**
Enable automated patient identification procedures; inventory optimization; improved patient experience; location awareness through precise geo-tracking.
- **Mobile EMR Integration:**
Enable MD's to access vital patient information, statistics and location from anywhere in the facility.
- **Empowered IT Team:**
One console, on premise or in the cloud, to manage, secure and interact with all devices to predict maintenance of devices and equipment and generate alerts through geo-fence technologies.
- **Agility through Productivity:**
Increased productivity of medical staff; minimized operational costs; notifications sent to doctors and patients; speed up time to value and simplify and scale the deployment of IoT use cases.

VizExplorer & VMware: Smart Healthcare

VizExplorer and VMware technology together delivers a comprehensive solution for hospitals to manage, monitor and secure all IoT edge systems and connected devices, as well as to monitor and analyze the activity of patients and medical staff, giving hospitals valuable insights about their facility.

One console to manage, secure, visualize and interact with all devices including:

- Real-time locational and identification services for a live, 24/7 view of key staff, equipment and medical devices
- Preconfigured workflows for automatic alerts based on established business rules, and adaptive analytics, that integrates multiple operational touchpoints, offer instant insights and usage reports
- Seamless, secure, permission-based access to patient data ensures patient confidentiality
- Real-time, accurate presentation of "thing" health, and acting on anomalies as they arise
- IoT appliance pre-configured for Healthcare to quickly and easily get an IoT PoC implemented and scaled easily

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Visit <http://www.vmware.com/solutions/iot.html>

