

SMARTER HEALTHCARE

THROUGH THE INTERNET OF THINGS

For Healthcare professionals, the Internet of Things (IoT) is fostering a healthier, more productive environment—leading to better outcomes for everyone. Consider how a hospital would use IoT to ensure that patients, lab results, and even hospital personnel and equipment get where they need to go—and in a timely, cost-effective manner.

From Efficiency to Wellness: How Healthcare firms plug into the Internet of Things. Highlights of the 2014 Forrester Study*





GETTING A PULSE

ON OPERATIONS

Talk about vital signs

96%

of healthcare executives say IoT is their most strategic technology initiative in a decade ... smarter inputs lead to smarter operations. In the case of a healthcare provider such as a hospital, IoT lets it:



Use this data to optimize processes, and provide better security and safety



Deploy innovations such as antimicrobial wristbanding in admissions and the emergency department



Track critical devices and assets with technologies such as Wi-Fi, RFID and Real-Time Locating Systems (RTLS) to ensure availability for patients, personnel and eliminate waste

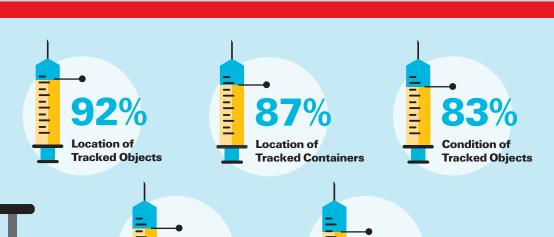
> Location of Tracked Personnel



Provide deep visibility to operations teams seeking to enforce policies and eliminate costly inefficiencies, like equipment hoarding and wastage

A SHOT IN THE ARM

With **90%** of healthcare professionals ready to make changes required for loT, now the advanced technology can diagnose new opportunities. loT can not only provide a clear view of where patients and equipment are at anytime, it can help automate processes which will help drive efficiency.



Tracked Personnel

JUST WHAT THE DOCTOR ORDERED: ENABLING TECH

Just as a doctor still uses a tongue depressor to look into a throat, IoT requires enabling technology to gather data from all the interconnected technology. Barcode labeling can indicate the source and destination for various specimens, which helps prevent errors at the point of care; security sensors can help determine if patients, personnel or equipment are where they belong. The underpinnings of IoT include:

Security

Barcodes

Bluetooth/

Beacons



SAY AHHH: APPEALING APPS

59%

Inventory Levels

58%

Theft and Damage

52%

Supply Chain Visibility

52%

Security/Surveillance



Issues/Applications that are being addressed by IoT

PRESCRIPTION: TAKE ALL THE

BENEFITS OF IOT

Just as doctors must carefully choose which medicines to prescribe, hospital managers must be selective about how and what they connect to IoT. Interconnected technology delivers on all the mandates of an Internet-speed world, from improved patient satisfaction to reduction of risk. Thanks to IoT. healthcare businesses can achieve:



Improved Safety



Improved Regulatory Compliance



Supply Chain Optimization



Cost efficiencies



prevention

Top ways companies benefit from IoT