

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

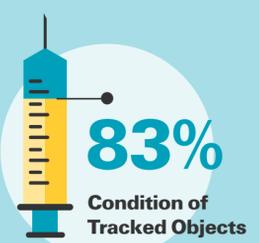
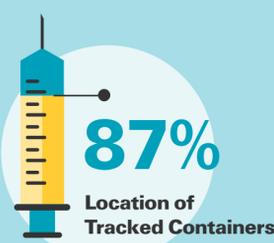
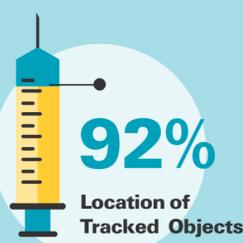
96%

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
- 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
- Deploy innovations such as antimicrobial wristbanding in admissions and the emergency department
- Provide deep visibility to operations teams seeking to enforce policies and eliminate costly inefficiencies, like equipment hoarding and wastage

A SHOT IN THE ARM

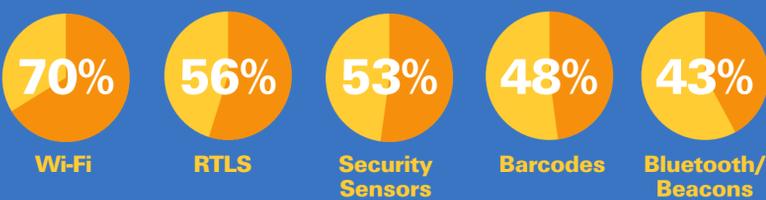
With 90% of healthcare professionals ready to make changes required for IoT, now the advanced technology can diagnose new opportunities. IoT can not only provide a clear view of where patients and equipment are at anytime, it can help automate processes which will help drive efficiency.



Functionality that IoT delivers

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:



Technologies that are "very important" to enabling IoT



SAY AH-HH: APPEALING APPS

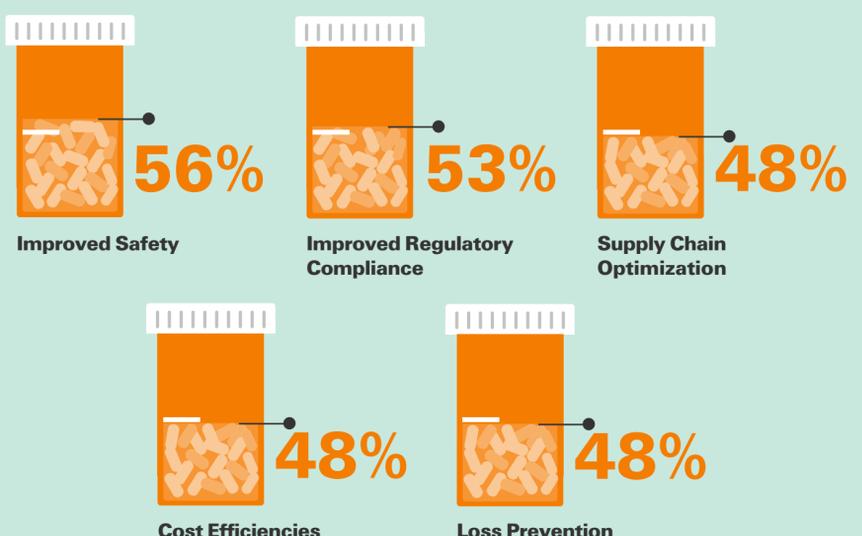
What people really like about IoT are the applications—they don't taste like cough medicine—and they're the stuff hospital managers come to rely upon to stay informed. IoT will enable new types of applications that take advantage of all the various connected smart devices and data they generate to enable new solutions.



Issues/Applications that are being addressed by IoT

Rx _____
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:



Top ways companies benefit from IoT

Click here to learn more about Zebra Technologies and experience the possibilities. | zebra.com

*STUDY METHODOLOGY: In October 2014, Forrester Consulting conducted a commissioned online survey on behalf of Zebra Technologies with nearly 600 IT decision-makers who hold titles of manager and above and are individual contributors responsible for making or influencing decisions related to their firms' IoT solutions. Firms had 250+ employees.

