



# Zebra Technologies Healthcare Solutions

Simple solutions to complex problems to help you deliver the best practice in healthcare.



# Zebra® Technologies Solutions: Supporting the Transformation of Your Healthcare Delivery

The challenges, issues, and expectations facing today's healthcare providers are well documented.

As a healthcare practitioner, you may be expected to manage patient safety, staff workflow and productivity, medical and records security, inventory and cost control, while striving to deliver the best possible patient care and outcomes 24/7/365.

**Putting the right applications in place creates solutions that can really make a difference.**

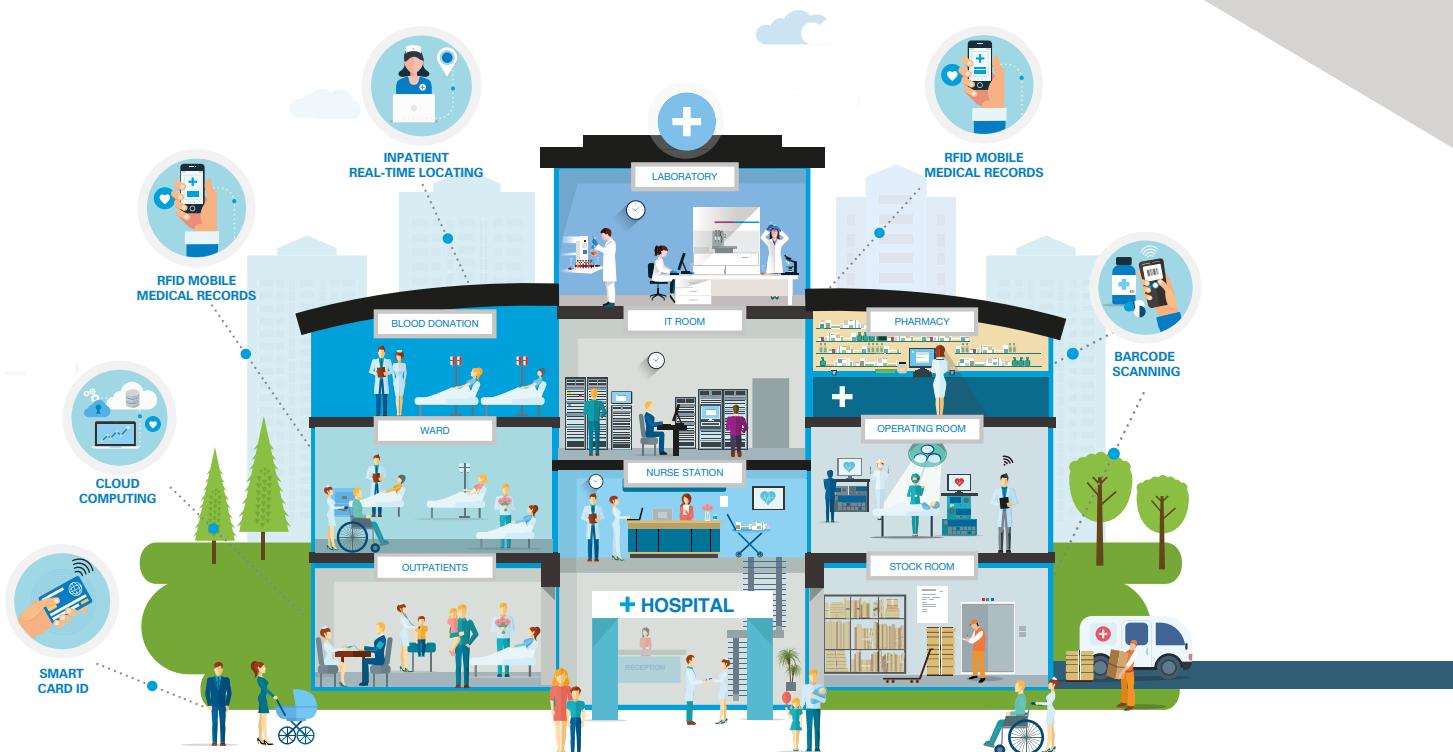
By giving your patients and assets a digital footprint, our solutions enable you to view your resources and assess your options in real time, leading to better-informed decisions and improved patient outcomes.

By harnessing the potential of cloud computing and the Internet of Things (IoT) while also combining technologies such as barcoding, RFID, and mobile computing, our advanced solutions go beyond standard machine-to-machine communications.

Reworking and additional treatments required due to sample errors costs hospitals an estimated \$200 to \$400 million annually.<sup>1</sup>

8% to 14% of medical records include erroneous information tied to incorrect patient identity.<sup>2</sup>

Preventable medical errors are the third leading cause of death in the United States.<sup>3</sup>



**We can deliver the visibility and communication connectivity you need across your entire campus, helping you to better understand and manage your operation**

1. Larry Bologna, Michael Mutter, and George Hardy, "Reducing Specimen and Medication Error with Hand-Held Technology," in HIMSS 2001 (Chicago, IL: Healthcare Information and Management Systems Society, 2001), 1-14. 2. Himss.com - Resources and Information. (n.d.). Retrieved November 14, 2018, from <http://www.himss.com/>. 3. Ariana Eunjung Cha, "Researchers: Medical Errors Now Third Leading Cause of Death in United States," The Washington Post, May 03, 2016.

# Enhancing Patient Care

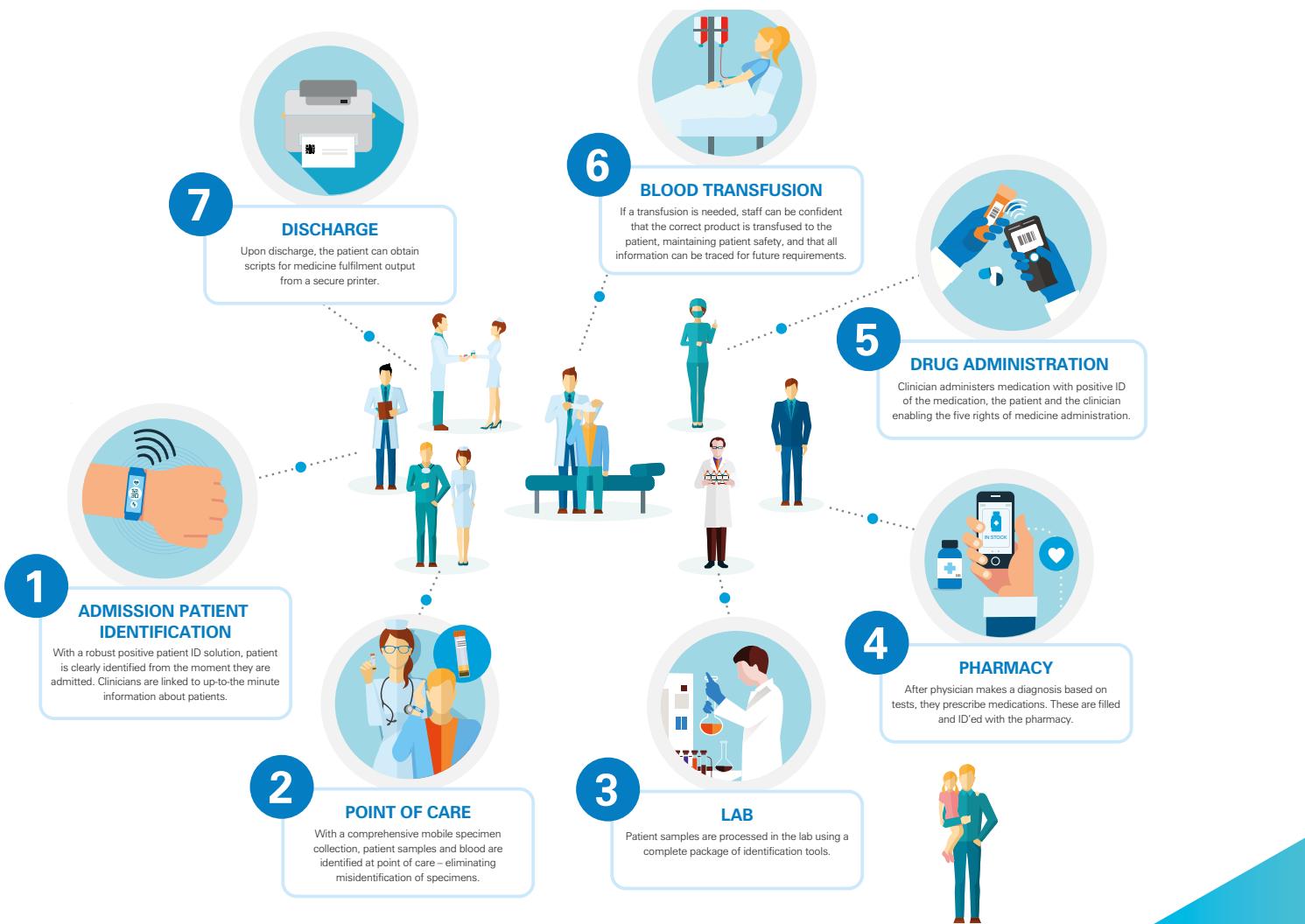
Seamless care requires integrated solutions that facilitate best practice.

Disjointed or incompatible systems can introduce unnecessary—even dangerous—delays and errors into your medical, care giving and administrative activities. In turn, this makes it difficult for you and your teams to deliver your best care in the most productive way.

**Our solutions are fully integrated, and have been specially developed by experts to help you reach new levels of efficiency, accuracy and patient safety. With our solutions, you are empowered to provide seamless care:**

- Get real-time visibility into patient records, specimens, medications, equipment, and staff placements, from the time your patient is admitted to the time you sign their discharge
- Capture, analyze, track, share, and act on that real-time data from anywhere, anytime
- Safeguard patient, staff, and asset safety in all areas of your facility

Our suite of solutions has been carefully designed to ensure you can capture the right information, analyze it, and act appropriately—all in real time and at every stage of the patient ‘journey’.



# Increasing Operational Efficiencies

In such a complex organization as a hospital or healthcare setting, tools which help you fully understand your process flows, effectively manage your resources, and quickly locate your assets are critical to the efficiency of your operation.

Our solutions are designed specifically to connect your caregivers and effectively track patient progress, equipment, facilities, and costs. They are proven to virtually eliminate human error while providing instant, detailed records of the movement of your assets, staff, and patients.

## Track High-Value Assets

Identify and locate expensive equipment whenever it is in your facility, with instant visibility of the location of each and every piece of tagged hospital equipment provided by a barcode, radio-frequency identification (RFID) and real-time locating systems (RTLS).



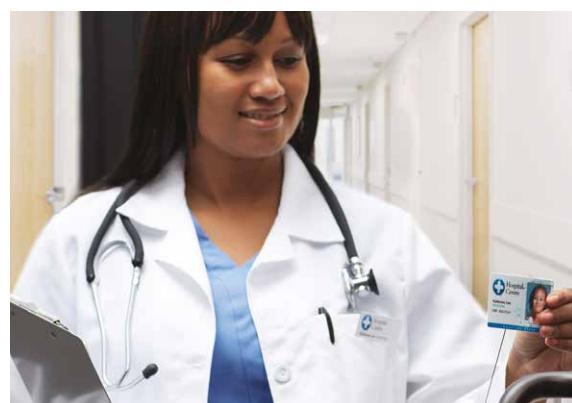
## Manage Supply Inventory

Staff can rapidly and accurately take inventory on a daily basis, making sure they have the right supplies and medications available.



## Control Access

Ensure secure access control and clear identity verification thanks to our on-demand card printing solutions for a wide variety of patient and staff identification cards; functionality includes color printing, barcode, magnetic-stripe, RFID, and smart-card technologies.



# Improving Staff Productivity

Misplaced records, tracking and tracing samples or test results, and poor quality communications—they're all everyday occurrences in a busy hospital, but just how much lost time, diverted effort, stress, and frustration are they causing you and your teams, every single day? As we all know, time is money.

You could be doing more with the same number of staff, because our solutions are specifically designed to help you improve your workflow and communications.

## Reduce Time to Treatment

Optimize workflows and ensure patients with critical heart or stroke risks get treated as quickly as possible by analyzing treatment and location data.

## Staff Communications

With mobile computing, your staff can collaborate more effectively and quickly, which improves sharing of data and access to critical information—all helping streamline diagnosis and treatment.

With accurate patient data, your healthcare workers can respond promptly to patient needs and address issues quickly, resulting in better care and higher patient satisfaction.

## Medical Records Management

Despite the transition to EHR, with our barcoding or RFID technology, records can at least be far more accurately and easily identified, tracked, managed and accessed than previously.

## Better Tracking for More Responsive Care

Streamline critical care scenarios by utilizing tracking solutions that give providers real-time feedback on patient status.

## Location Solutions

Our Real-Time Locating System (RTLS) enables you to track and manage the location of critical patients, plus monitor and assess the movements of your staff, providing insights for analysis and helping you deliver sustainable workflow improvements.

## Improve Patient Monitoring

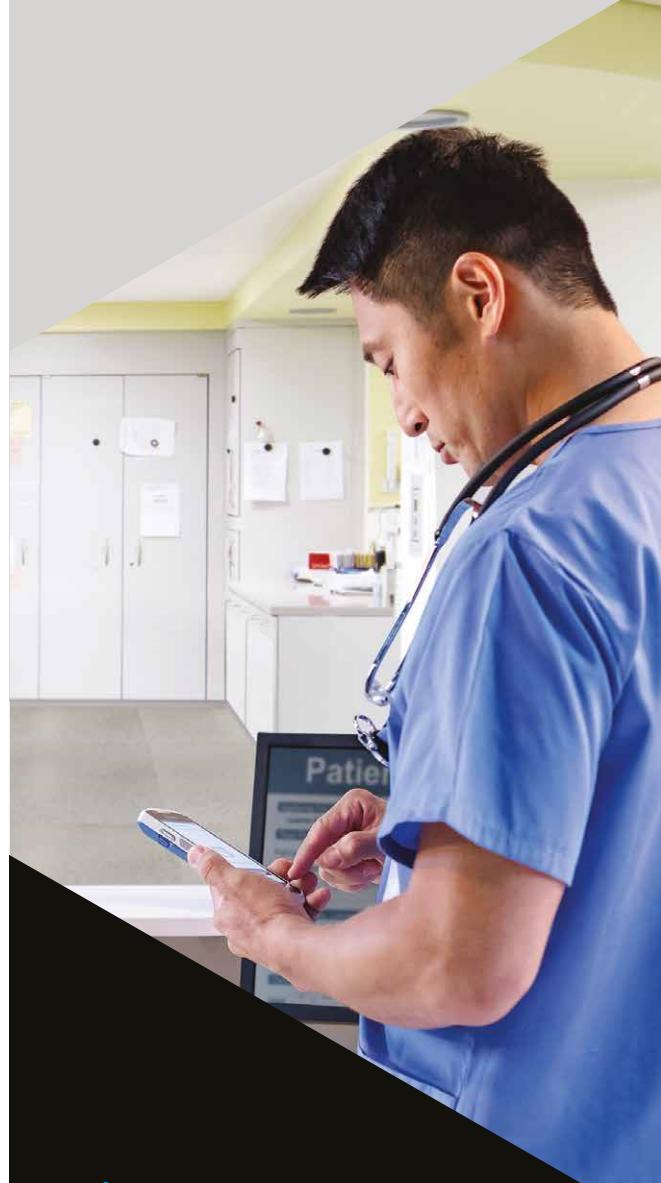
Zebra's solutions help track cognitively and physically impaired patients, allowing staff to consistently monitor patient location and prevent falls and injury.

## Secure Mother-Infant Tracking

Provide optimal safety for newborns with patient tracking and infant security to ensure proper mother-to-infant matching.

Patient identification errors were at fault for 13% of surgical mistakes and 67% of transfusion mix-ups.<sup>4</sup>

"By barcoding patient identification bands and medication doses, facilities can reportedly reduce medication errors by 65% to 86%."<sup>5</sup>



## Did You Know?

Integrating voice- and data-capable mobile devices not only saves time but also increases staff efficiency and job satisfaction.

4. The Joint Commission International Center for Patient Safety. International Patient Safety. (2010, January 01). Retrieved November 14, 2018, from [https://www.jointcommission.org/topics/patient\\_safety.aspx](https://www.jointcommission.org/topics/patient_safety.aspx)

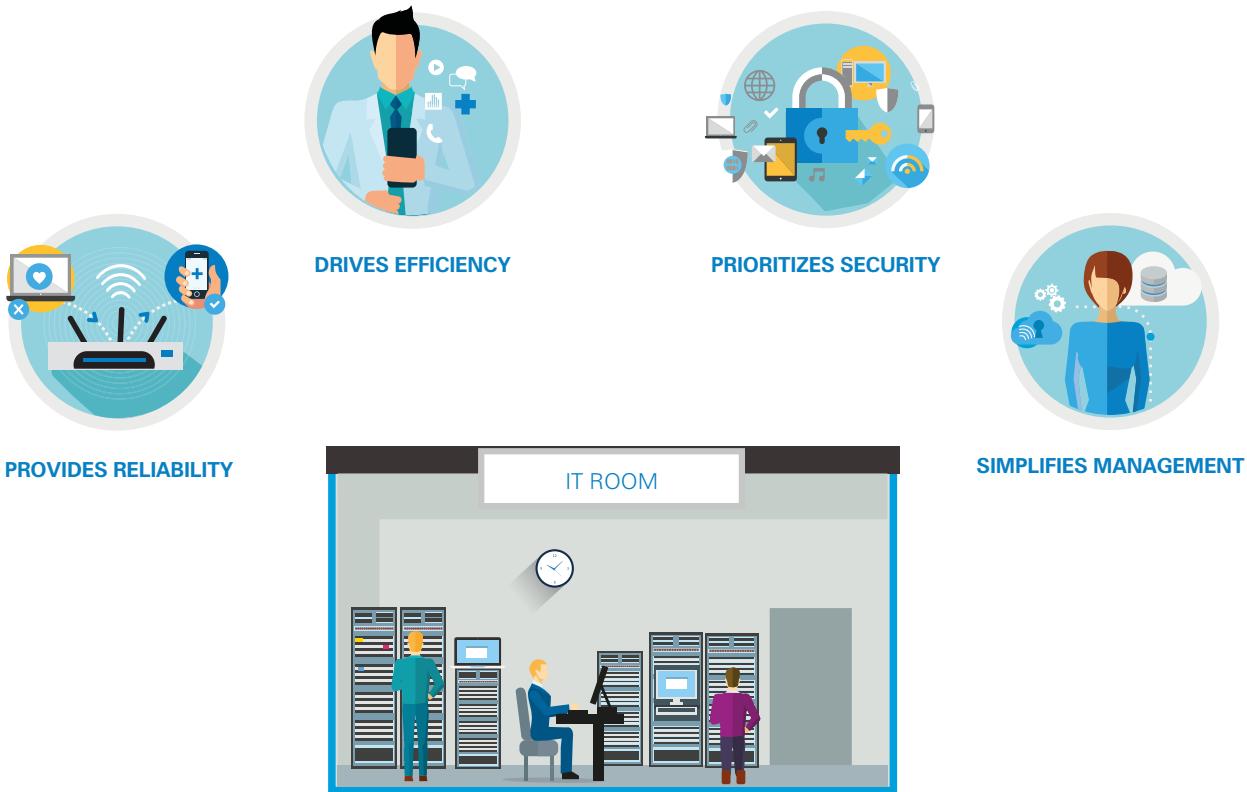
5. U.S. Department of Veterans Affairs.

# Optimizing Your IT Operations

Create a fast and secure network, so you can deliver more efficient care.

In the mission-critical environment of healthcare, delivering the very best patient outcomes requires instant communications and guaranteed access to a wealth of data, available immediately when it's needed.

By using familiar, simple and secure tools with connectivity and network assurance, we make it easier for you and your staff to deploy, use and manage your IT.



## Provides Reliability

Connectivity is a must for your healthcare staff, which is why our Zebra mHealth solutions allow clinicians to communicate and collaborate in real-time without interruption, increasing patient safety, care, and health.

## Drives Efficiency

Workforce Connect streamlines your staff's voice and data communications by eliminating the need for multiple devices and allowing them to collaborate via a single, multi-functional mobile computer.

## Prioritizes Security

Zebra's hardware and software security solutions work together to create a virtual fortress around your data, making it easier for you to comply with government regulations like HIPAA.

## Simplifies Management

Our AirDefense Network Assurance solution enables your IT to proactively and remotely optimize, identify, and resolve network issues, so you don't have to.

# Our Comprehensive Product Portfolio

From on-demand wristband printing to ultra-low temperature labeling to remote patient monitoring technologies, we have a complete portfolio of products and services—all designed to help you deliver the best possible healthcare in the most productive manner.

## Printers

### Wristband Printers



### Desktop Printers



### Mobile Printers



### Tabletop Printers



### Card Printers



## Supplies

### Patient ID Wristbands



### Labels



## Scanners

### 2D Scanners



### 1D/2D Scanners

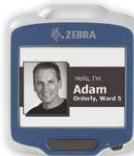


## Mobile Computing

### Mobile Computers



### Smart Badges



### Tablets



## Zebra OneCare

Zebra OneCare provides unmatched support, right from the manufacturer, across the full product range. With three service levels to choose from—Essential, Select, and Premier—you'll find a Zebra OneCare offering that will meet your service requirements and your budget.

For more information, visit:

[ALTURACS.COM](http://ALTURACS.COM)





**For more information about how you can enhance patient care, increase operational efficiency, and optimize IT operations using Zebra solutions, contact us today by visiting us at [ALTURACS.COM](http://ALTURACS.COM) or by calling 800-654-0715.**

