



Healthcare 2.0: Could IoT save healthcare? patients?

Connecting Apps, Data, Devices & People

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Digital Transformation Goals for Health Care

Personalized
Care

Digital
Record of
all Care

Eliminating
Communication
Gaps

Cost Effective
Health Care

Better
Decision Making:
Patients &
Providers



Digital Transformation or Digital Interference?



“Introducing technology that improves doctor productivity is a worthy goal if it means we can spend more time with our patients”

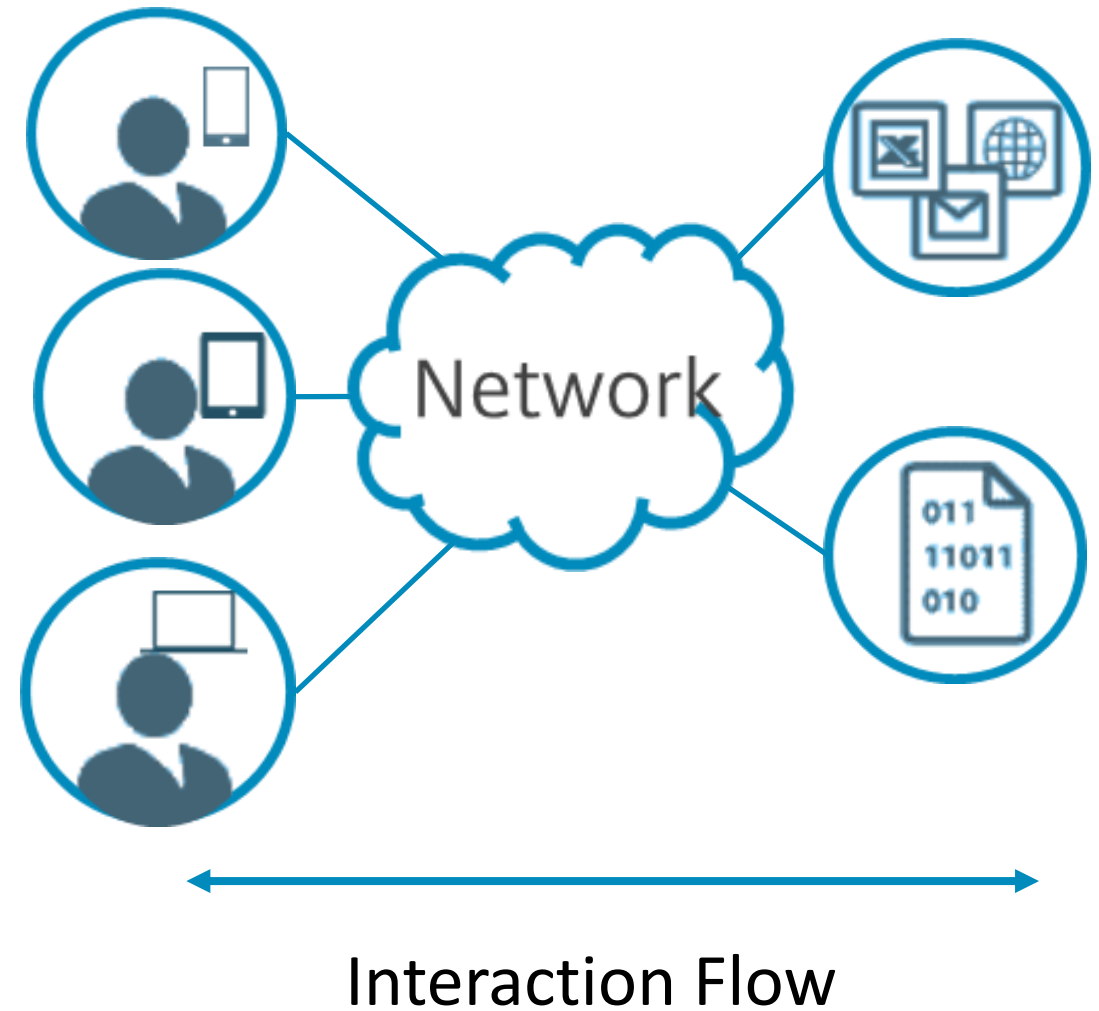
Radiologist, Dayton OH

“Electronic documentation has done wonders for legibility, but it has done a disservice to the patient relationship”

Retired Air Force Combat Medicine Specialist

Does this look familiar?

- Mobile
- Cloud
- Apps
- Data



World is changing...

By 2020:

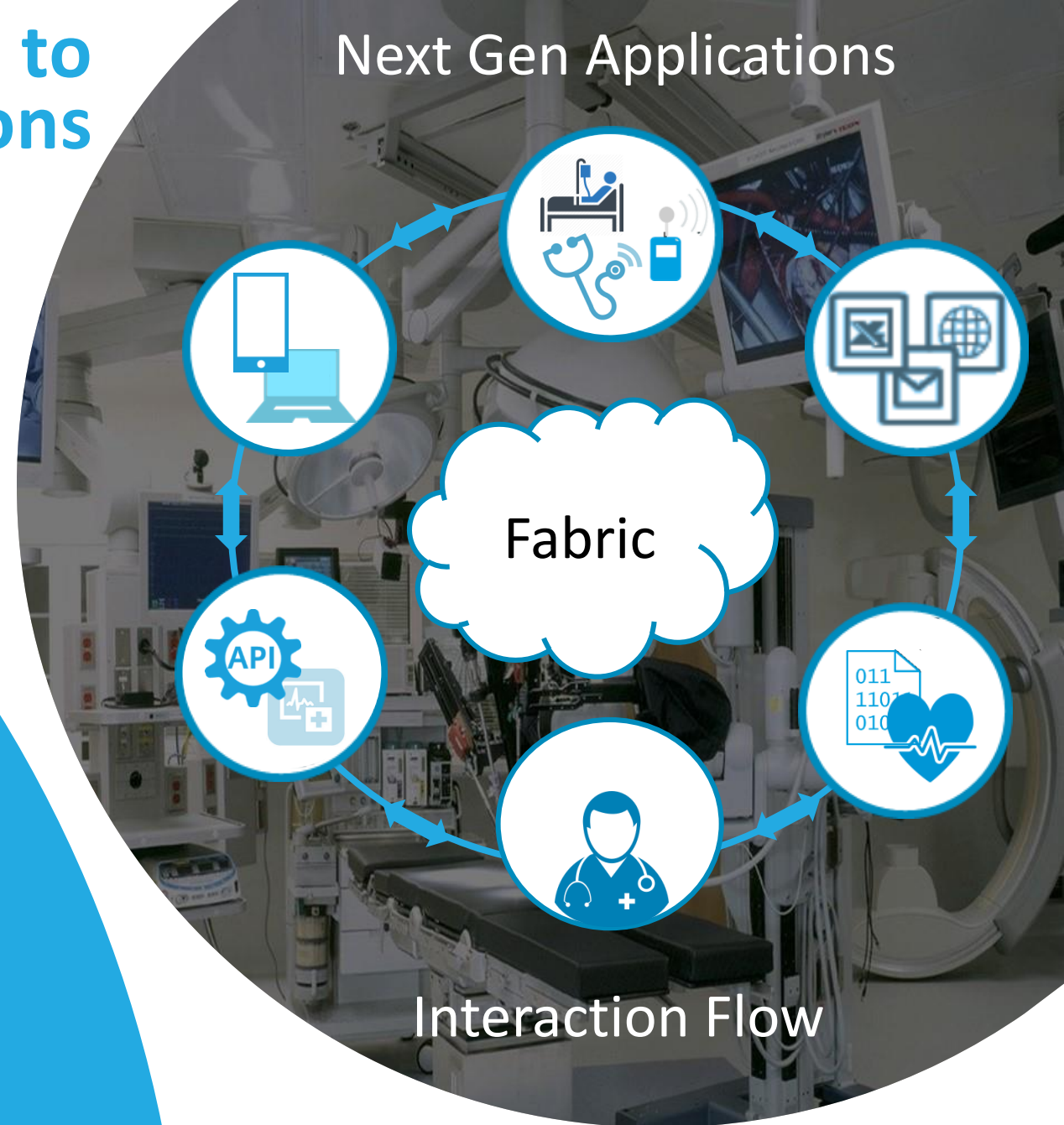
50,000,000,000 devices

\$19 trillion market

- John Chambers

Digital Transformation: Impact to Health Care Applications

- Orchestration of apps, devices, and data
- Contextual information from the health care space optimizes the patient & doctor experience
- Improved security including: bio auth, proximity, automation, etc.



Digital Transformation: The Health Care Opportunity



*“Our goal is to make patient visits more personable,
with less time staring at a screen”*

Health Care Focused Integrator

What is 2 Minutes Worth?

2 Minutes =

20 to 40 more patients seen per month

\$3,000 to \$6,000 increased billings

Per physician!

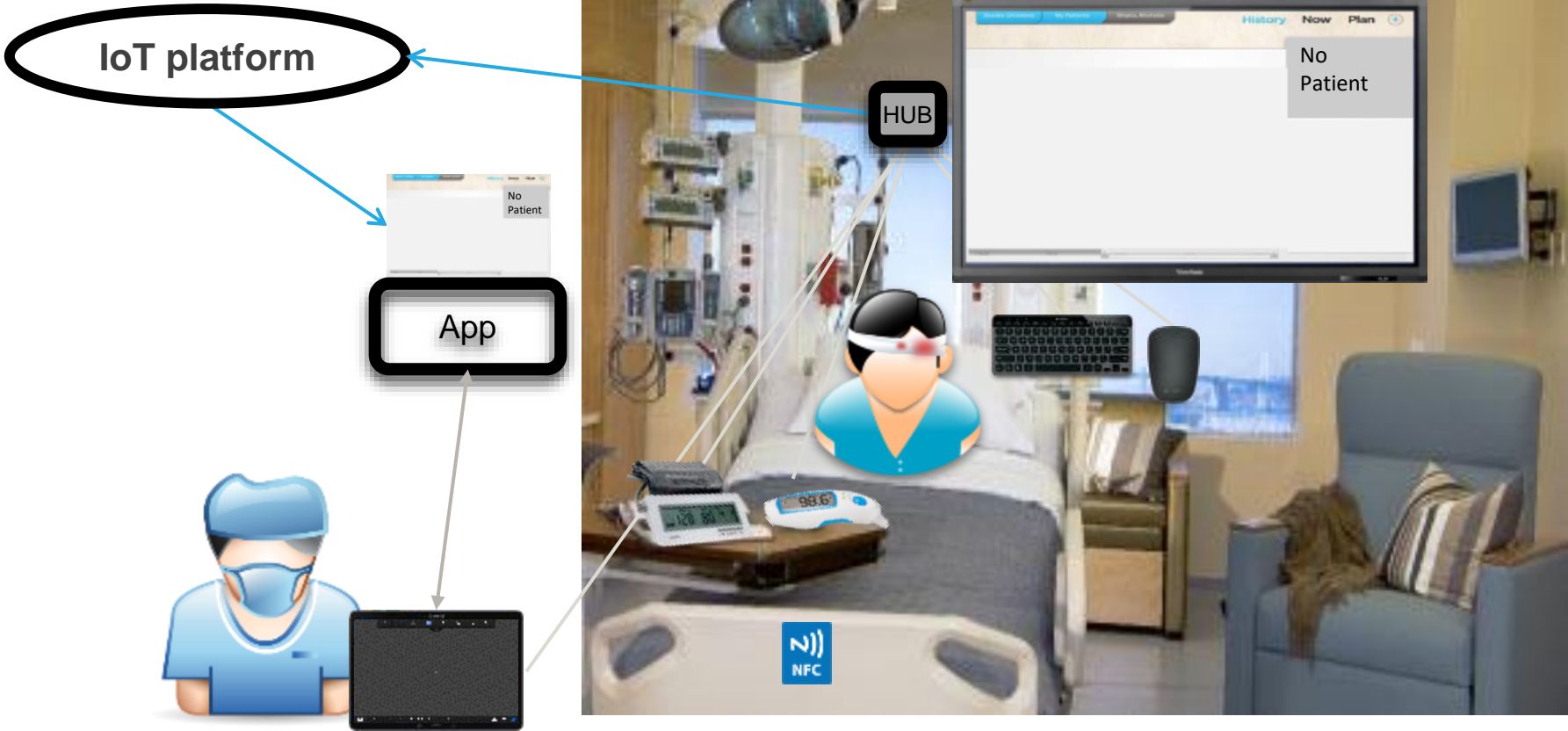
**IoT Devices/Sensors +
Location/Proximity + Context +
Machine Learning + Apps =
Healthcare 2.0**

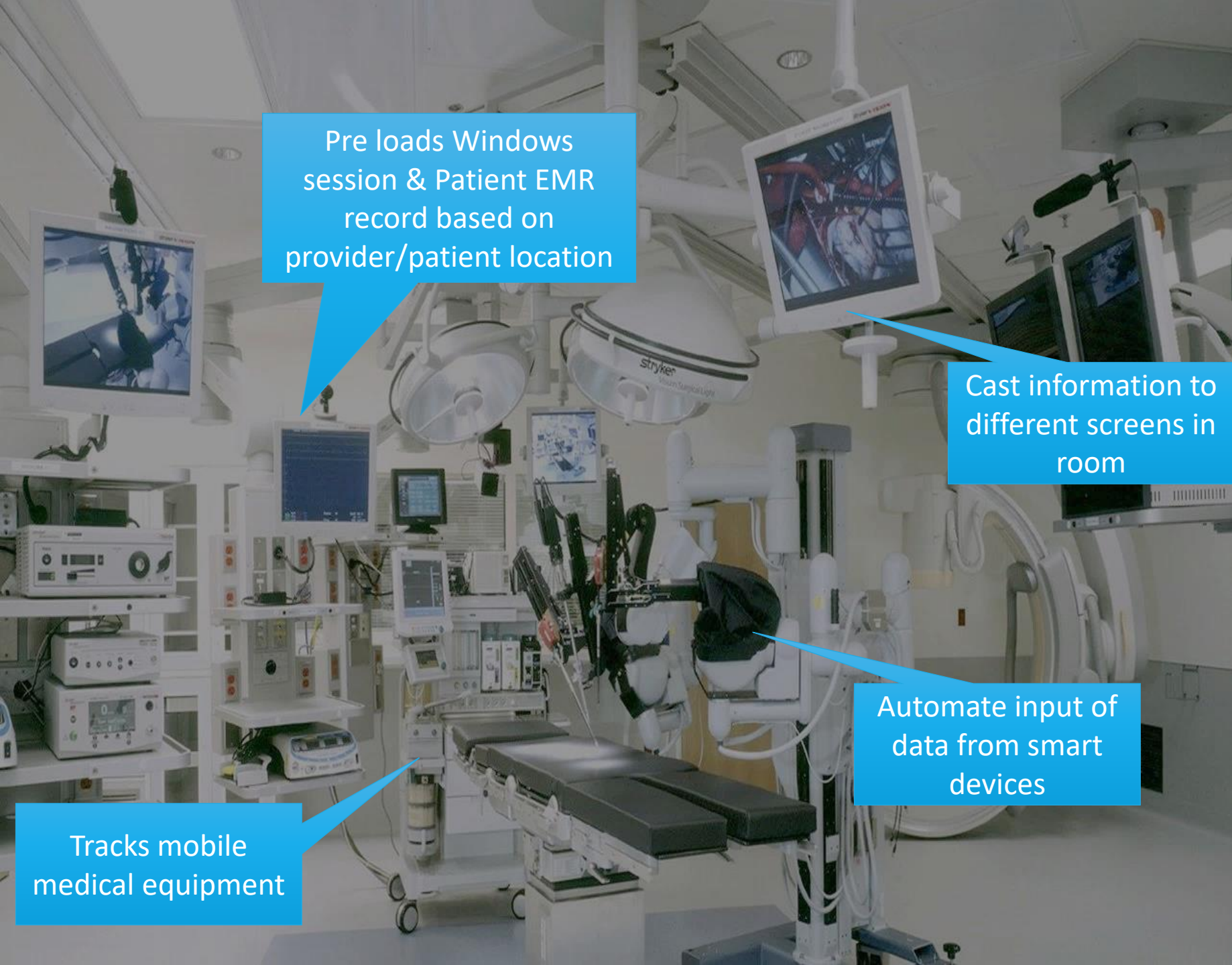
Healthcare HUB Enabled Contextual Application Data Awareness

Application context based on which HUB/Workspace a user connects to



Hospital Digital Workspace





Pre loads Windows session & Patient EMR record based on provider/patient location

Cast information to different screens in room

Automate input of data from smart devices

Tracks mobile medical equipment

“Anything that reduces data entry and allows more time with the patient would be a good thing”

Large Hospital System

- Faster system access for clinicians
- Faster access to patient records
- Easier to track mobile equipment used in patient spaces
- Facilitates collection and display of information from smart medical devices

...and then came Wearables



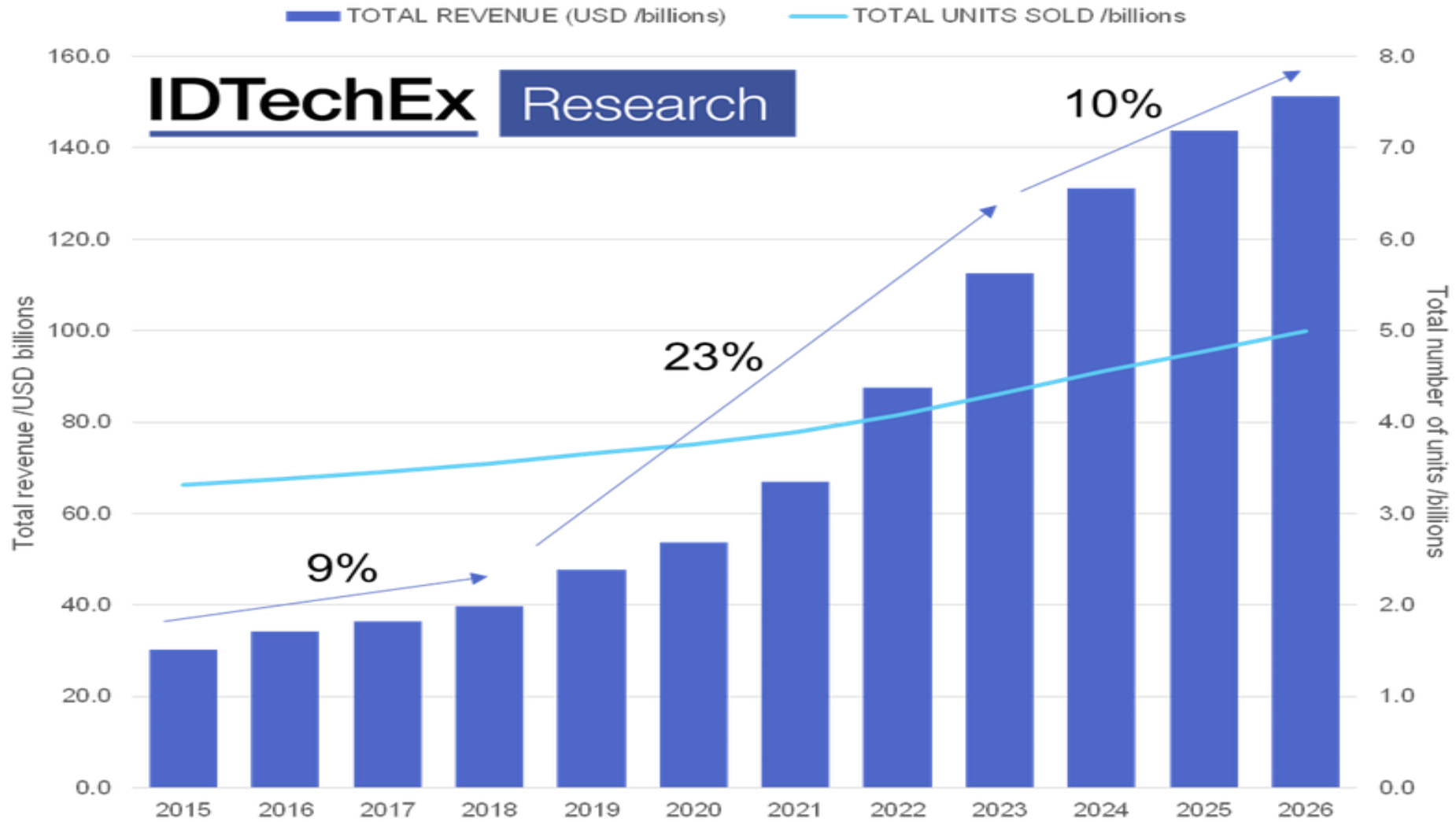
Wellness Wearables



Medical Tattoos?

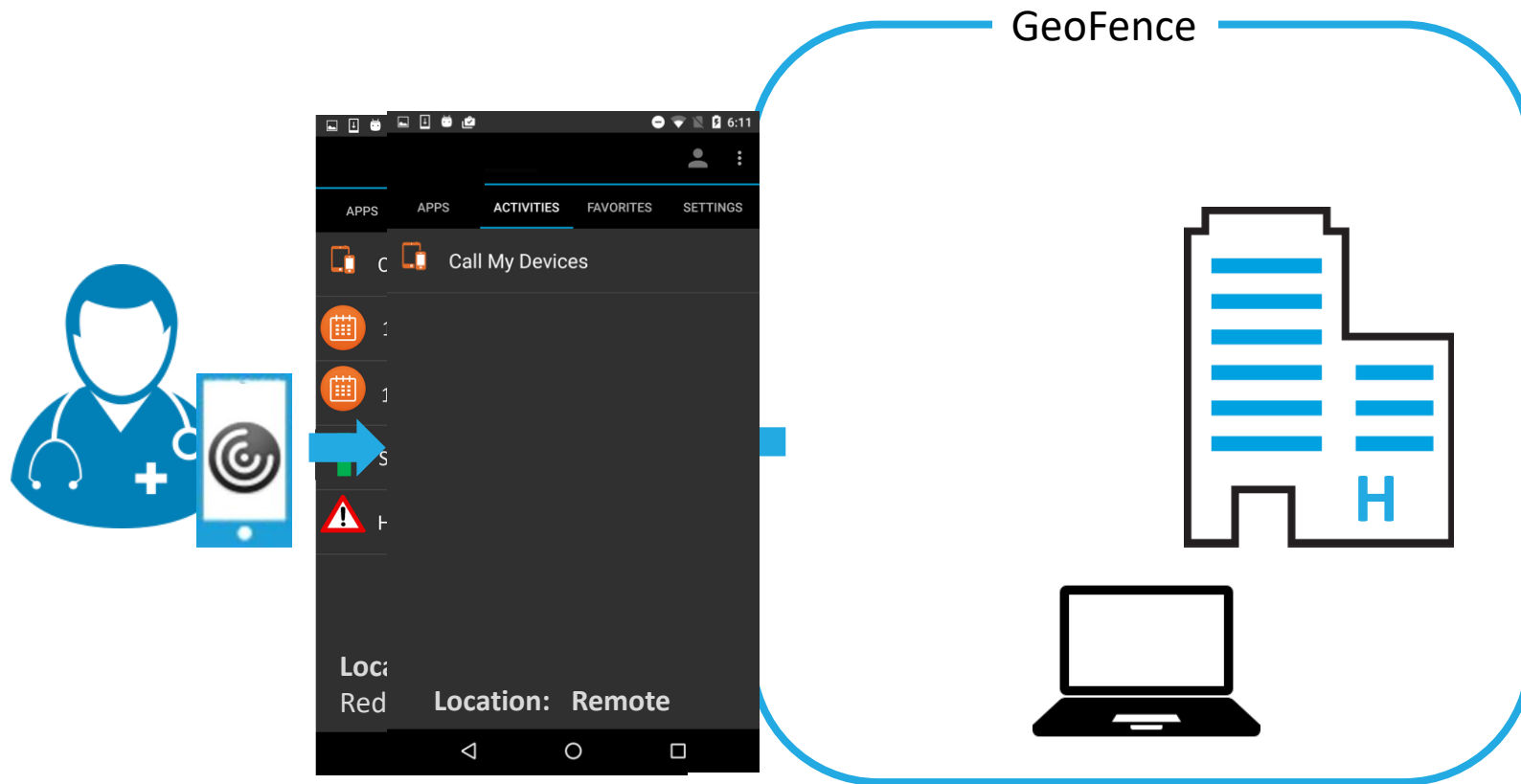


Global Wearable Forecast



Power of Proximity

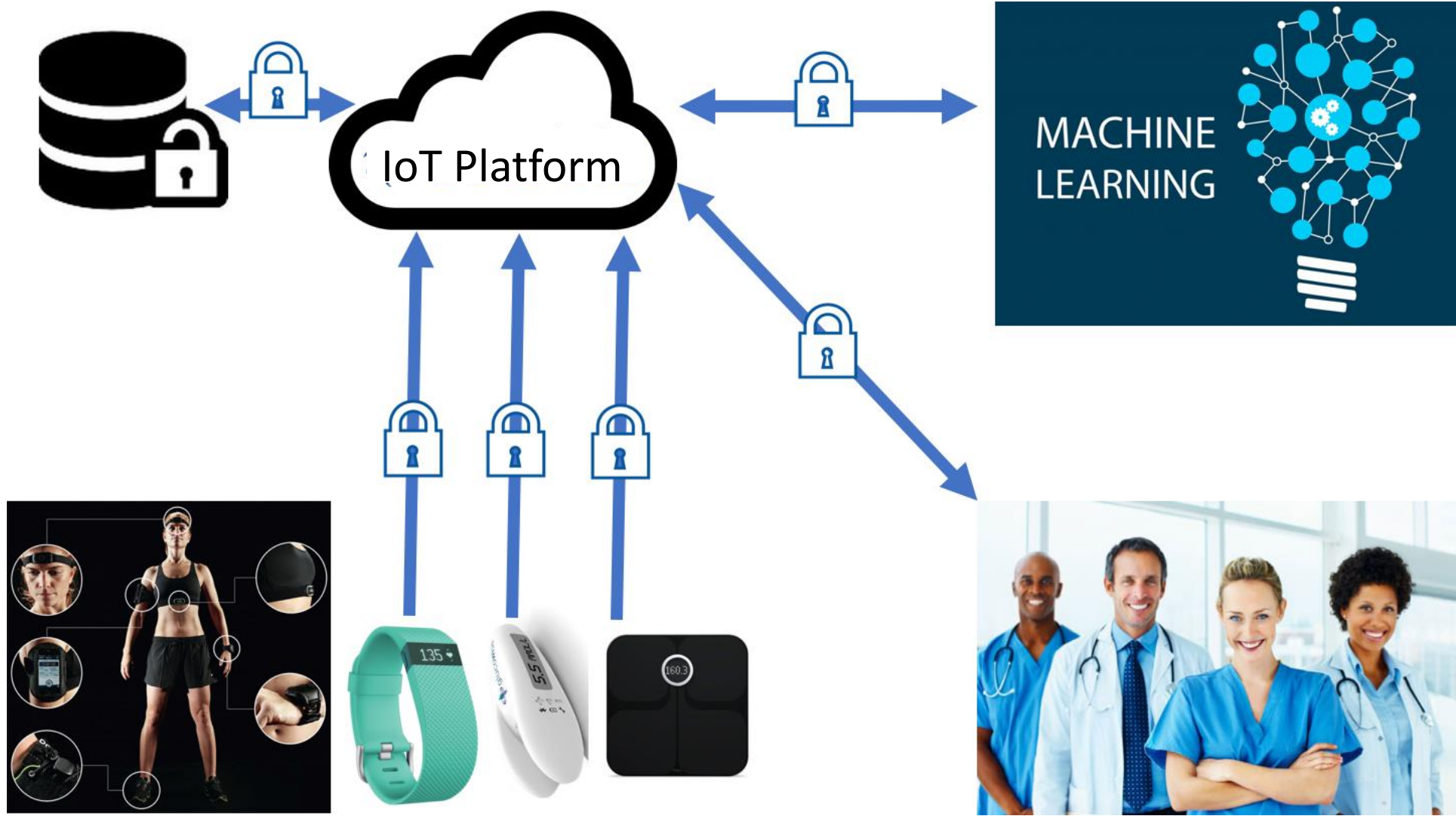
Adding Context to Apps



Workflow

- GeoFence set up within App Store
- Can also be tied to badge in, phone interaction with beacon
- User outside of boundary/fence, no available actions
- User crosses boundary, contextual activities populated based on Storefront policy, user location
- Actions displayed as a new tab within App Store
- Actions can happen without user interaction (e.g. launch Windows session)

What if...



**Conceptual vision of a
connected future.**

Thank you.