

The Connected Worker and the Enterprise of Things

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2007



Apple iPhone

2017



Apple iPhone X

2017



Apple iPhone X



Microsoft Surface Book

Storage



256 GB SSD



256 GB SSD

Processor



A11 Bionic Chip – 2.5 GHz



Intel Core i5 – 2.5 GHz

Productivity Apps



Enterprise App Store



Enterprise App Store

Pricing



\$1,149



\$1,210

2017



Vuzix M3000

2027



Meta 2 AR

Impact on the Enterprise

Moving Away from Traditional Desks

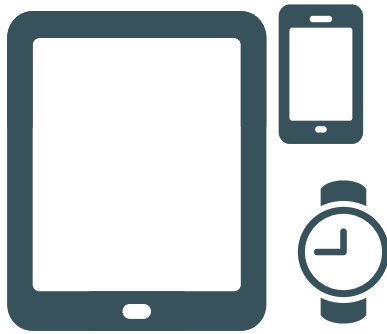
- Workers demand an office on-the-go
- New technologies leverage a mobile-first approach
- Less dependent on computers, expanding role of smartphones
- Introduction of different types of workers
 - Partners
 - Temporary
 - Remote
 - Field force
 - Contractors



Why mobile....

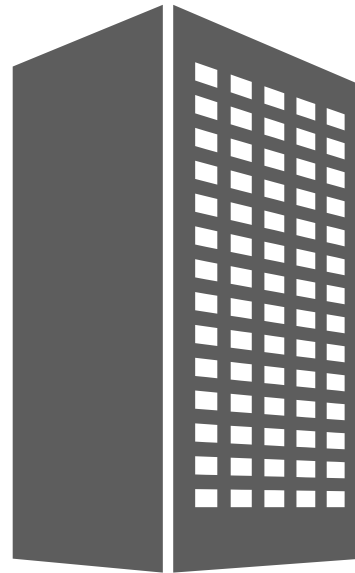
Gartner: “Application leaders must embrace many new ways of interacting with mobile apps to keep consumers engaged as mobility becomes the gateway to digital business.”

By 2020.....



>70%

Of enterprise software interactions will occur on mobile



Enterprise



60%

Productivity increase by using mobile apps

New Era of Endpoints in the Enterprise

- Convergence of Mobile and Desktop
- Reality of the Internet of Things
- Acceptance of BYOD ~ 90%
- Digital Transformation
- Digital Workplaces



“By 2020, IDC expects mobile workers will account for nearly three quarters (72.3%) of the total U.S. workforce”

**How will wearables
impact your
organization?**

How the Smartwatch changed the game

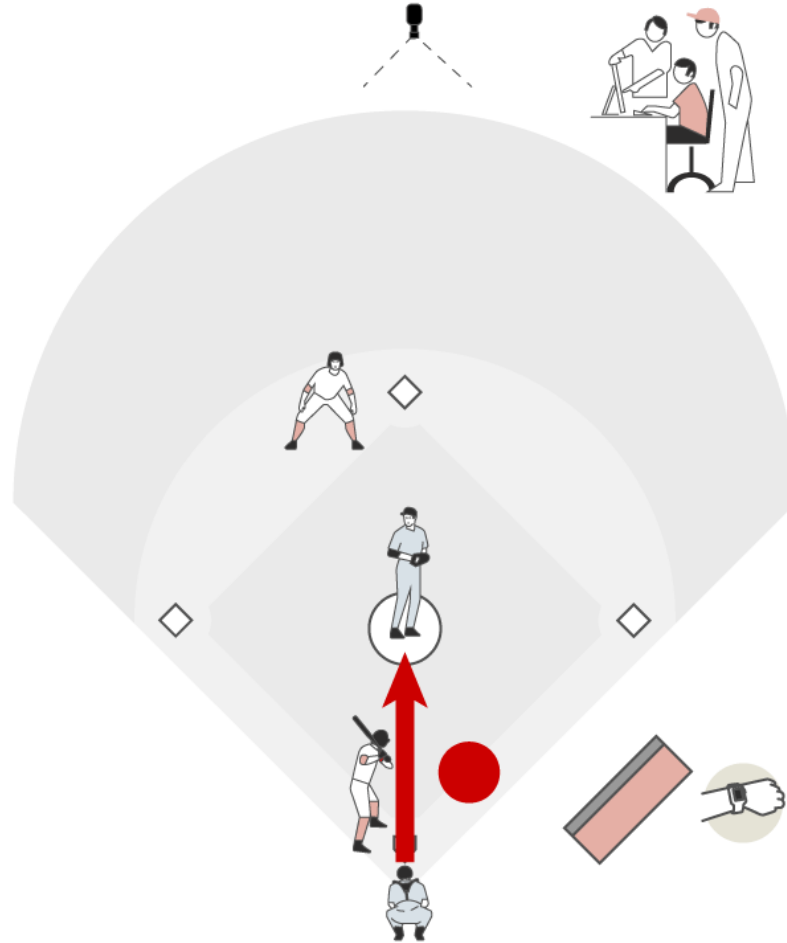
- Huge advantage to batter knowing what type of pitch is coming
- Major League Baseball does not specifically prohibit stealing catchers signs
- Using technology does push the envelope a bit



Source: The New York Times, Sept. 6, 2017



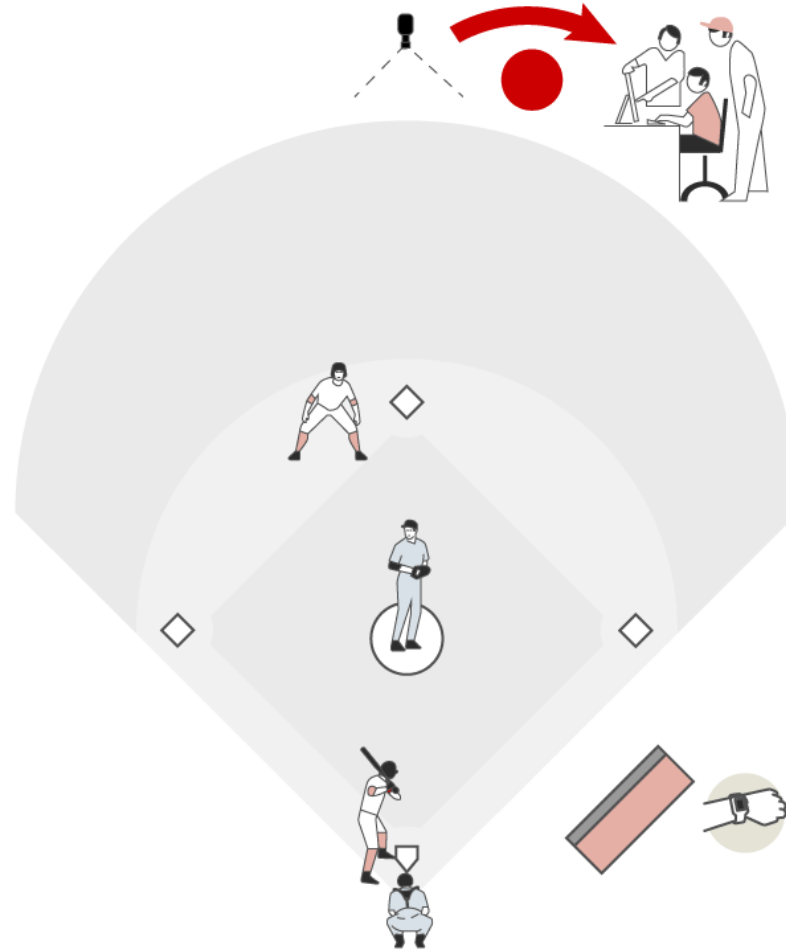
How the Smartwatch changed the game



Source: The New York Times, Sept. 6, 2017

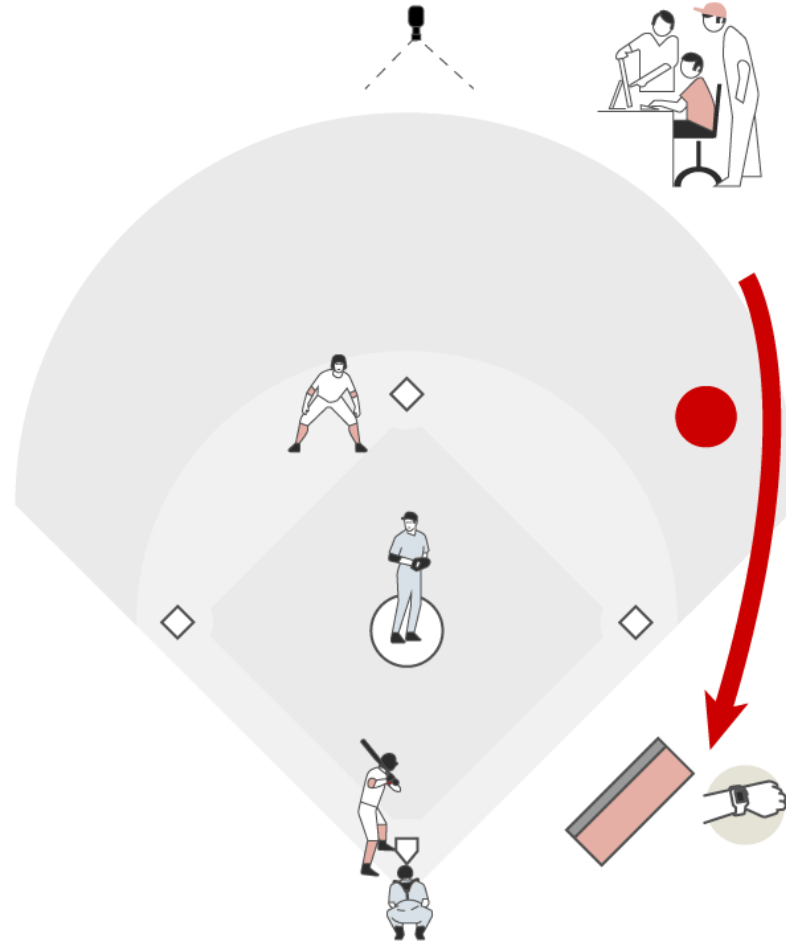


How the Smartwatch changed the game



Source: The New York Times, Sept. 6, 2017

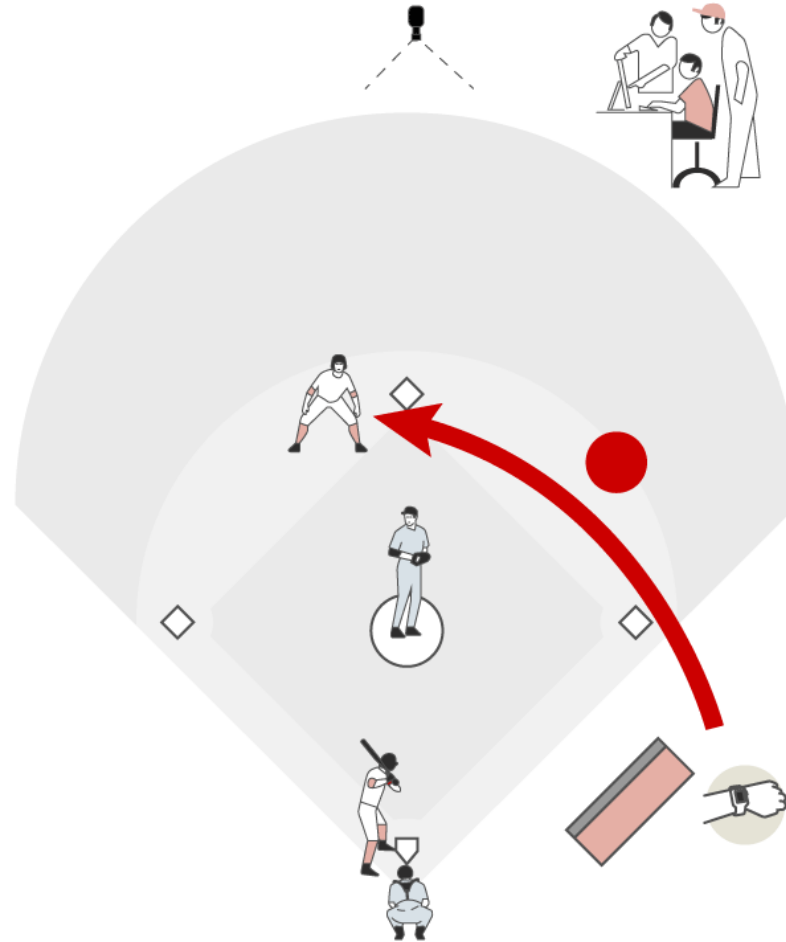
How the Smartwatch changed the game



Source: The New York Times, Sept. 6, 2017



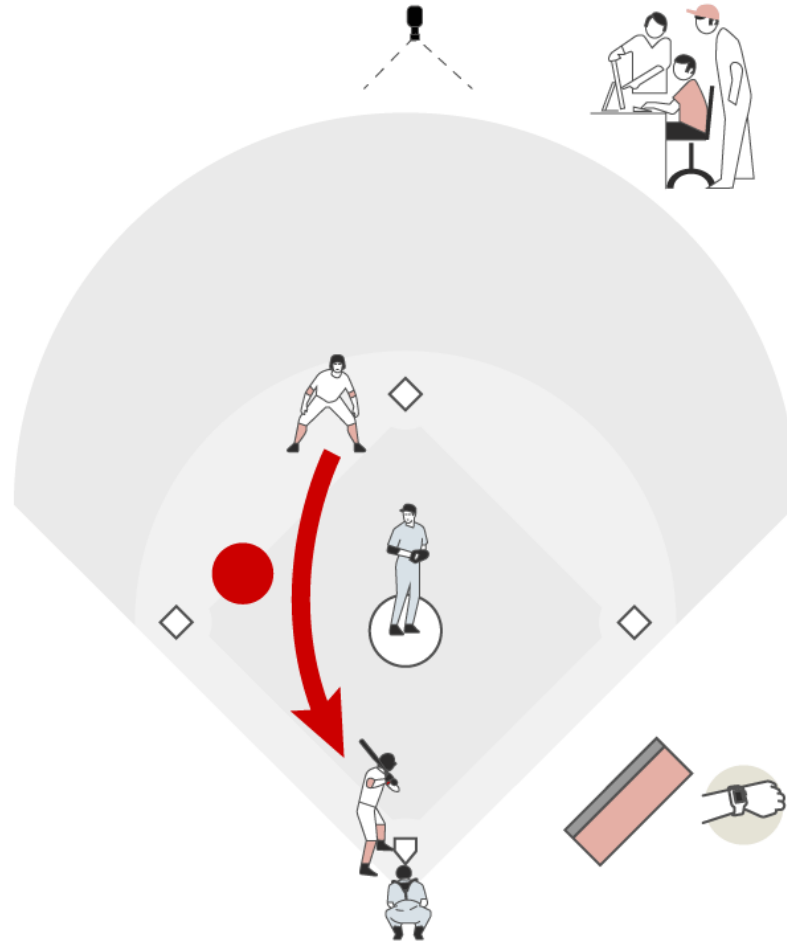
How the Smartwatch changed the game



Source: The New York Times, Sept. 6, 2017



How the Smartwatch changed the game

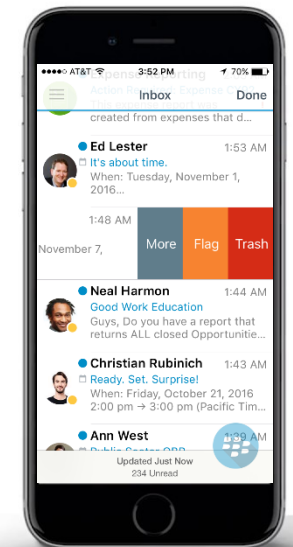


Source: The New York Times, Sept. 6, 2017



Lessons Learned

- Where there is a will there is a way
- Wearables will change the game in the enterprise
- Every endpoint should be part of your strategy
 - Enablement with security



Enterprise Wearables today: Smart Glasses

The Emergence Of New Endpoints In The Enterprise

Why wearables will rise in the enterprise

- Hands-free environments to accelerate tasks
- Productivity and collaboration from anywhere



Future for Smart Glasses in the Enterprise

- Forrester Research: 2.6m US workers using smart glasses by 2018, 14.3m by 2025¹
- Key use scenarios
 - video and audio calling
 - step-by-step instructions
 - live checklists
 - Notifications
 - bar-code scanning
- Industry vertical use cases
 - Field service
 - Manufacturing
 - Logistics
 - Maintenance
 - First responder



¹ Source: Forecast: US Enterprise Adoption And Usage Of Smart Glasses, April 21, 2016

Why Smart Glasses for the Enterprise?

- Freedom from traditional devices
 - Truly hands free
 - Don't waste time referring to traditional devices
- Tracking and Auditing
- Heads up display
 - Digital checklist for complex tasks
- Workflow/Process Guidance
 - Remote or just in time training
- Process Optimization
- Quality Assurance
- Real time dashboards
 - Team view of production
 - Move to help co-workers
- Collaboration and Communication
 - Remote assistance and direction
- Worker/Workplace Security



Management of Wearables for Safety and Security

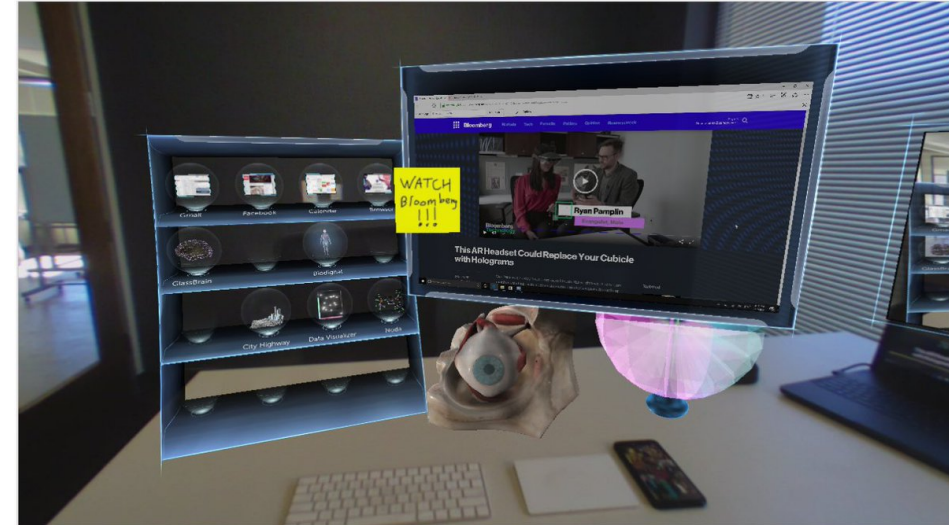
- Safety for User
- Network Security
- Safety for Organization
- Data Loss Protection
- Recording Sensitive Information
 - Media
 - Audio
- More secure than current approaches



Computer-Free with Smart Glasses

“Smart glasses may be able to replace every screen you typically use, from your smartphone to your work computer.”

- Capabilities:
 - Stream and collaborate with desktop apps in a virtual workspace
 - Grab and place apps anywhere in the space
 - Rotate/stretch screens
 - Deploy browser windows inside the headset
 - Personalize your virtual dream office

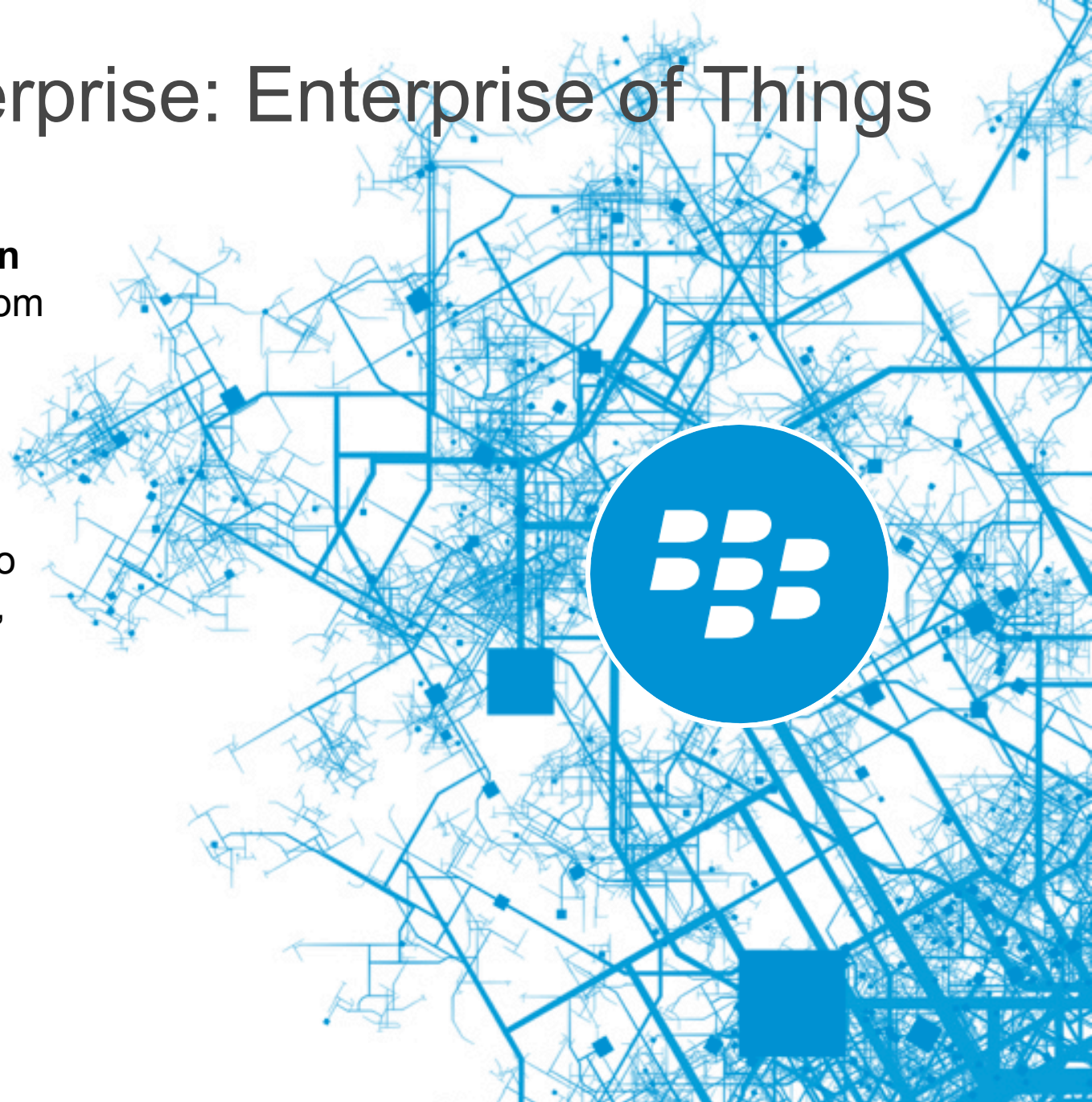


Gartner Recommendations for Wearables

- **Before looking at specific technologies - start with identifying the use case and whether wearables will improve that use case.**
- **Secure buy in from line of business to identify the impact wearables will have – recruit advocates to socialize and provide feedback to senior management.**
- **Train users on how to use wearables (unlike a smartphone), how it will provide benefits, and how it will impact the way the work.**
- **Introduce wearables one use case at a time to avoid disrupting existing workflows**
- **Mitigate risk by integrating wearables into existing workflows and plan for failures**

Impact of IoT on the Enterprise: Enterprise of Things

- The Enterprise of Things is the **network of intelligent connections and end points within the enterprise** that enable products to move from sketch to scale.
- It is a collection of **devices, computers, sensors, trackers, equipment and other “things” that communicate with each other** to enable smart product development, distribution, marketing and sales.
- The Enterprise of Things **exists behind the consumer-facing Internet of Things** and enables it to thrive.
- And we secure, manage and connect the Enterprise of Things via ***BlackBerry Secure***.



BlackBerry: The Leader in Enterprise Mobility

Leader in Gartner's 2017 Magic Quadrant for EMM Suites¹

- Ranked by Gartner as the market leader in critical EMM customer use cases²: Regulated Industries, Unmanaged Device Support
- Recognized AGAIN as the market leader in 6 out of 6 High-Security Mobility Management use cases³: Government, Commercial, Shared Data, Shared Devices, Nonemployee, BYOD

#1

Multi-OS EMM for Regulated Industries²

Rated by Gartner as the leading vendor in
Regulated Industries

The only NOC-based global secure
communications infrastructure

End-to-end security for all major platforms
iOS®, Android™, Samsung KNOX™, Android™
Enterprise, Windows®, and macOS

*"Companies that are security-conscious or
in regulated industries will find the
**strongest set of
protections in BlackBerry UEM.**"²*

#1

Mobile App Management Critical Capability²

Richest portfolio and ecosystem
of secure enterprise apps

Best-in-class MAM
to support BYOD use cases

4,000+ BlackBerry Dynamics
Custom & ISV apps

*"Mobile application management (MAM)
continues to be the **most important
feature of EMM.**"²*

#1

Unmanaged Device Support²

Rated by Gartner as the leading
vendor in Containment²

Enhanced multi-OS user
experience with BlackBerry Work
& BlackBerry Access

Secure content access
for internal and external users

*"BlackBerry's PIM client remains
the **strongest, most widely
adopted PIM client** among EMM
offerings."¹*

¹ Gartner, Magic Quadrant for Enterprise Mobility Management Suites, June 2017.

² Gartner, Critical Capabilities for Enterprise Mobility Management Suites, June 2017.

³ Gartner, Critical Capabilities for High-Security Mobility Management, August 2017.

Thank You!

Questions?