2007

Apple iPhone
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
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

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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 2025

- 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

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
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 Suites

- Ranked by Gartner as the market leader in critical EMM customer use cases:\footnote{Gartner, Magic Quadrant for Enterprise Mobility Management Suites, June 2017.} Regulated Industries, Unmanaged Device Support
- Recognized AGAIN as the market leader in 6 out of 6 High-Security Mobility Management use cases:\footnote{Gartner, Critical Capabilities for Enterprise Mobility Management Suites, June 2017.}: Government, Commercial, Shared Data, Shared Devices, Nonemployee, BYOD

#1 Multi-OS EMM for Regulated Industries:\footnote{Gartner, Magic Quadrant for Enterprise Mobility Management Suites, June 2017.}
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.”\footnote{Gartner, Magic Quadrant for Enterprise Mobility Management Suites, June 2017.}

#1 Mobile App Management Critical Capability:\footnote{Gartner, Critical Capabilities for Enterprise Mobility Management Suites, June 2017.}
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.”\footnote{Gartner, Magic Quadrant for Enterprise Mobility Management Suites, June 2017.}

#1 Unmanaged Device Support:\footnote{Gartner, Critical Capabilities for Enterprise Mobility Management Suites, June 2017.}
Rated by Gartner as the leading vendor in Containment
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.”\footnote{Gartner, Magic Quadrant for Enterprise Mobility Management Suites, June 2017.}
Thank You!

Questions?