Enterprise SaaS and Enterprise Mobility Management

Matthew Leppanen

Director of Business Productivity Solutions

BCNET

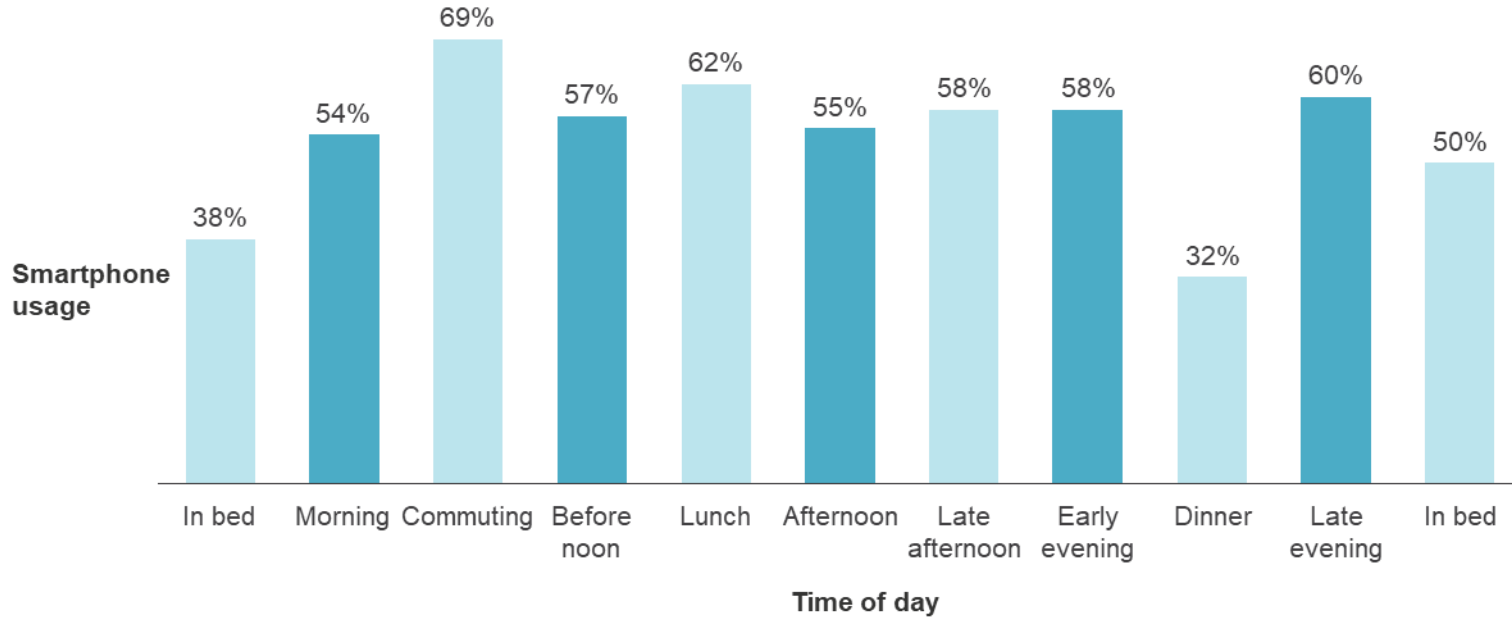Shared IT Services for Higher Education & Research

ROGERS

1439   1969   1975

Mobile Proliferation

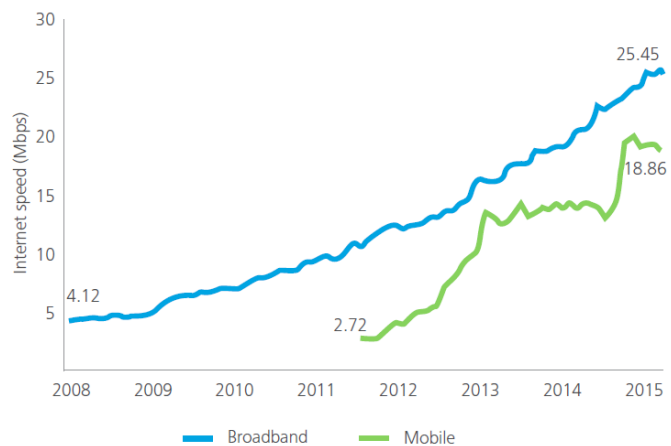# Daily smartphone usage

Source: WORKshift

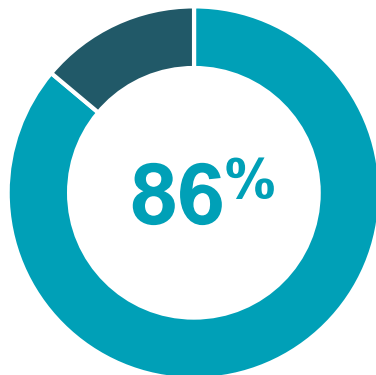Increasing average speed of broadband and mobile Internet in Canada[63]

Deloitte: Age of disruption

Canadians love wireless

Household penetration of mobile phones
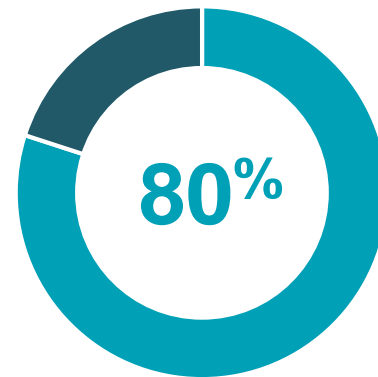
86%

>30 year old spending on Wireless to telecom budget

55%

Household penetration of landlines

72%
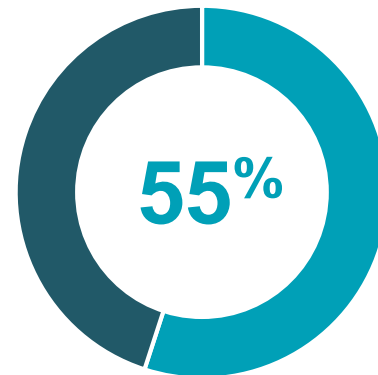
>30 year old spending on wireless and internet to telecom budget

80%

Source: CRTC, Communications Monitoring Report 2017

Enterprise Mobility Management

Thinking about mobility

1

EMM, or Enterprise Mobility Management, is a set of services/technologies designed to secure corporate data on employees' devices

2

EMM is about enabling employees to do more from their mobile devices and allowing them to be more productive, while having guidelines in place around device security (whether that's for apps or just focusing on securing data)

3

As mobile device use continues to rise, EMM gives organizations the ability to better manage devices connecting to their network, while contributing to a better user experience for employees
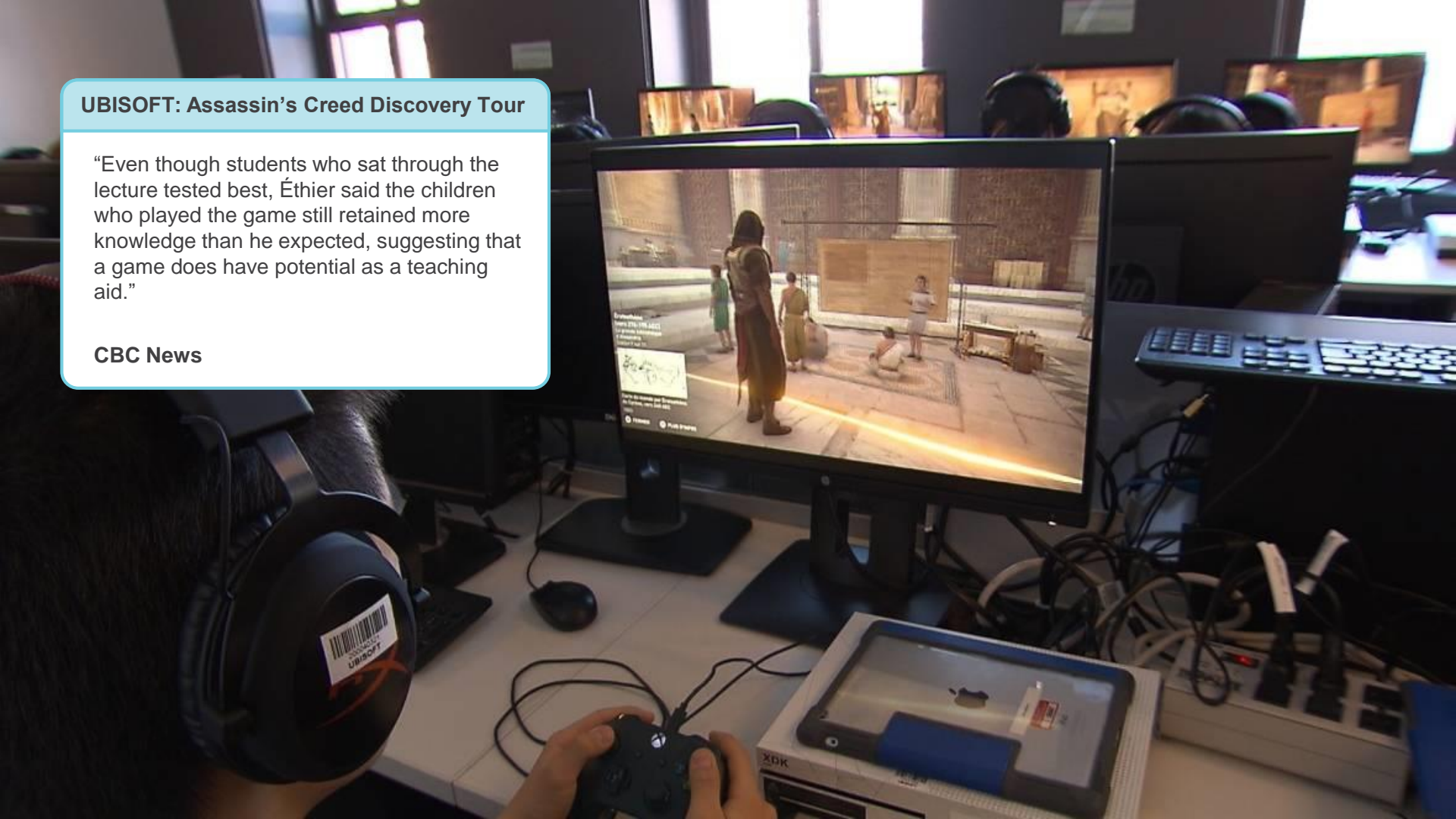
Technology and Education

UBISOFT: Assassin's Creed Discovery Tour

"Even though students who sat through the lecture tested best, Éthier said the children who played the game still retained more knowledge than he expected, suggesting that a game does have potential as a teaching aid."

CBC News

Education's role

The disrupter

Education plays a critical role:

- Developing programs to facilitate new learning
- Creating disruptive innovation as an output
- Rethinking collaboration

The disrupted

Emergence of new learning

- New economic models of education – MissionU
- Self-learning – MOOCs
- Big Data and AI

Higher learning disruption?

"An internal study of the massive open online courses (MOOCs) offered by Harvard and MIT shows a serious decline in the number of students choosing to enroll and certify via these internet-accessible classrooms. 2016 only saw around half the participants as the previous year — likely due to the programs' discontinuance of free certification."

TechCrunch

U-Planner identifies 4 technologies poised to disrupt higher education:

1. Virtual Reality
2. Collaboration Platforms
3. Augmented Reality
4. Artificial Intelligence

Disruptive technologies: what is education's role?

Deloitte Future of Canada Series: Age of disruption

5 disruptive innovations will revolutionize industries in Canada:

1. Advanced Robotics
2. Artificial Intelligence
3. Networks
4. Advanced Manufacturing
5. Collaborative Connected Platforms

Where is it all going?

Software as a Service: Driving innovation

Unified Communications

- Integrate calendars, calling, CRM and other tools

Next-Gen Mobile

- Mobile support that enables employees to work productively anywhere

Visual tools

- Ensuring remote participants feel connected in collaboration sessions

Cloud

- Enables accessibility of people, information, documents and tools

Big Data

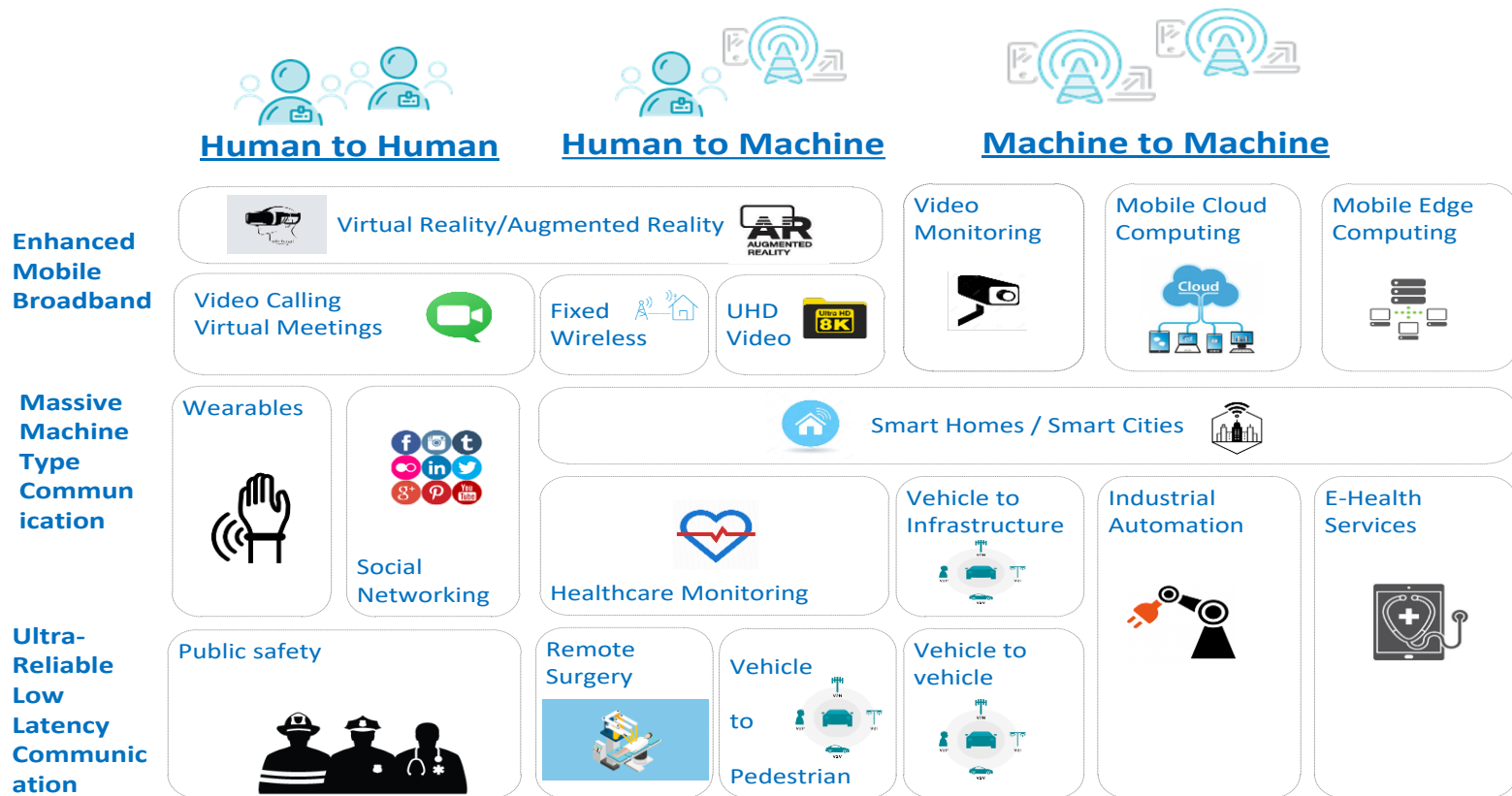- As more and more data becomes available, analytical and data visualization tools are critical
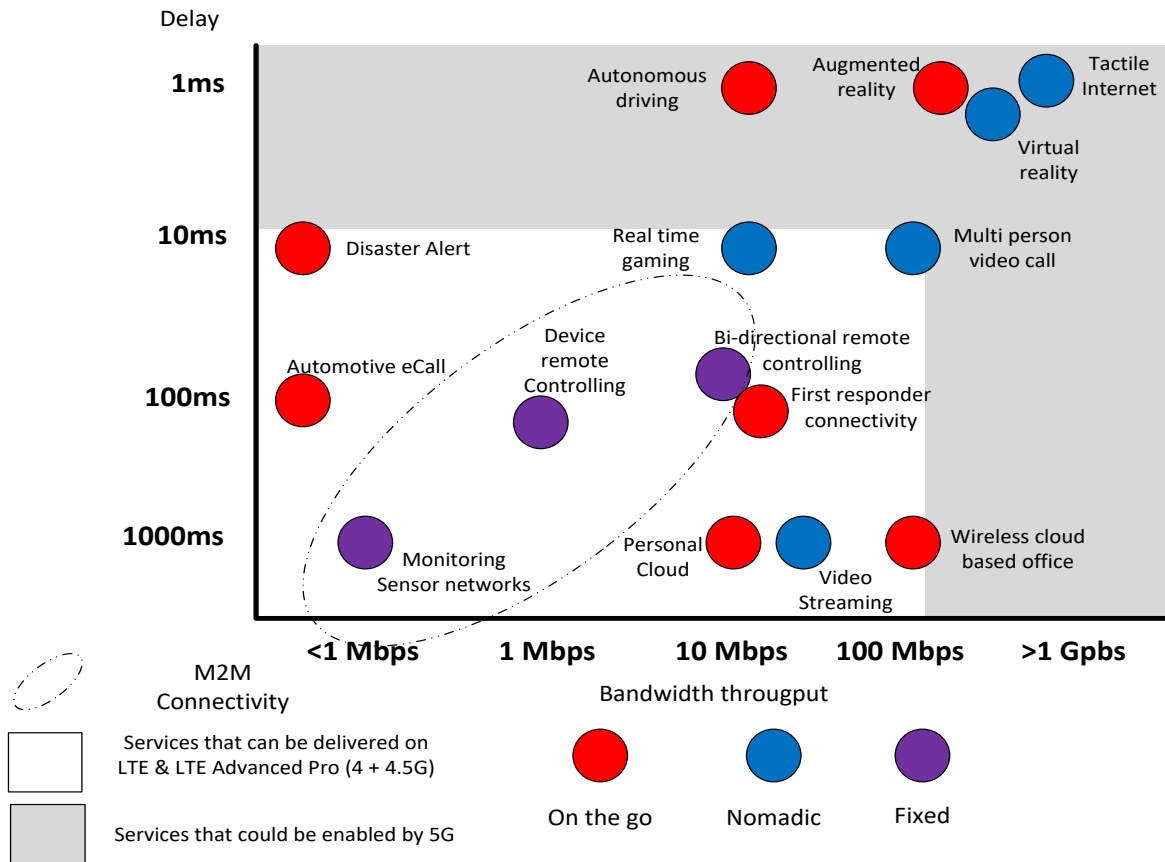

AI

- Will begin with the automation of routine work tasks

5G Use cases: By type of interaction and range of performance

Human to Human | Human to Machine | Machine to Machine

Enhanced Mobile Broadband	Virtual Reality/Augmented Reality	Video Monitoring	Mobile Cloud Computing / Mobile Edge Computing
	Video Calling Virtual Meetings / Fixed Wireless / UHD Video		
Massive Machine Type Communication	Wearables / Social Networking	Smart Homes / Smart Cities	
		Healthcare Monitoring / Vehicle to Infrastructure	Industrial Automation / E-Health Services
Ultra-Reliable Low Latency Communication	Public safety	Remote Surgery / Vehicle to Pedestrian / Vehicle to vehicle	

5G latency vs. bandwidth

Confidential | Presentation Title

Big considerations

Mobile Security

Collaboration

Network Infrastructure & Connectivity

How can Rogers help?

Accelerating adoption through innovation and strategic partnership

Rogers Enterprise Mobility Management Solutions

Mobile Device Management	Mobile Application Management	Mobile Identity Management	Mobile Content Management	Mobile Security Management

Enterprise SaaS Solutions

Rogers Business App Marketplace

"The best is yet to come."

Ted Rogers