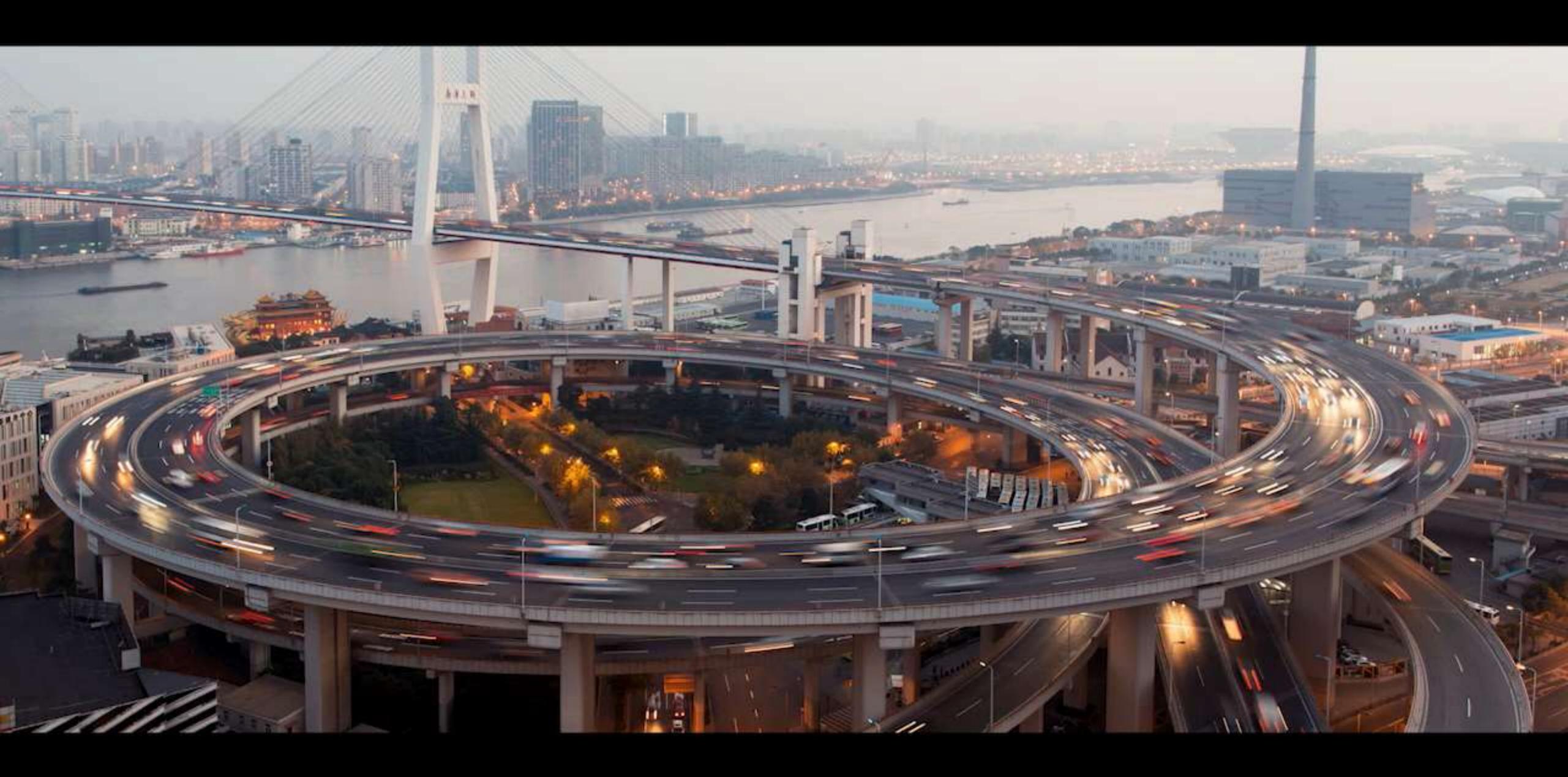


# Accelerating Next

Nikos Melissourgos

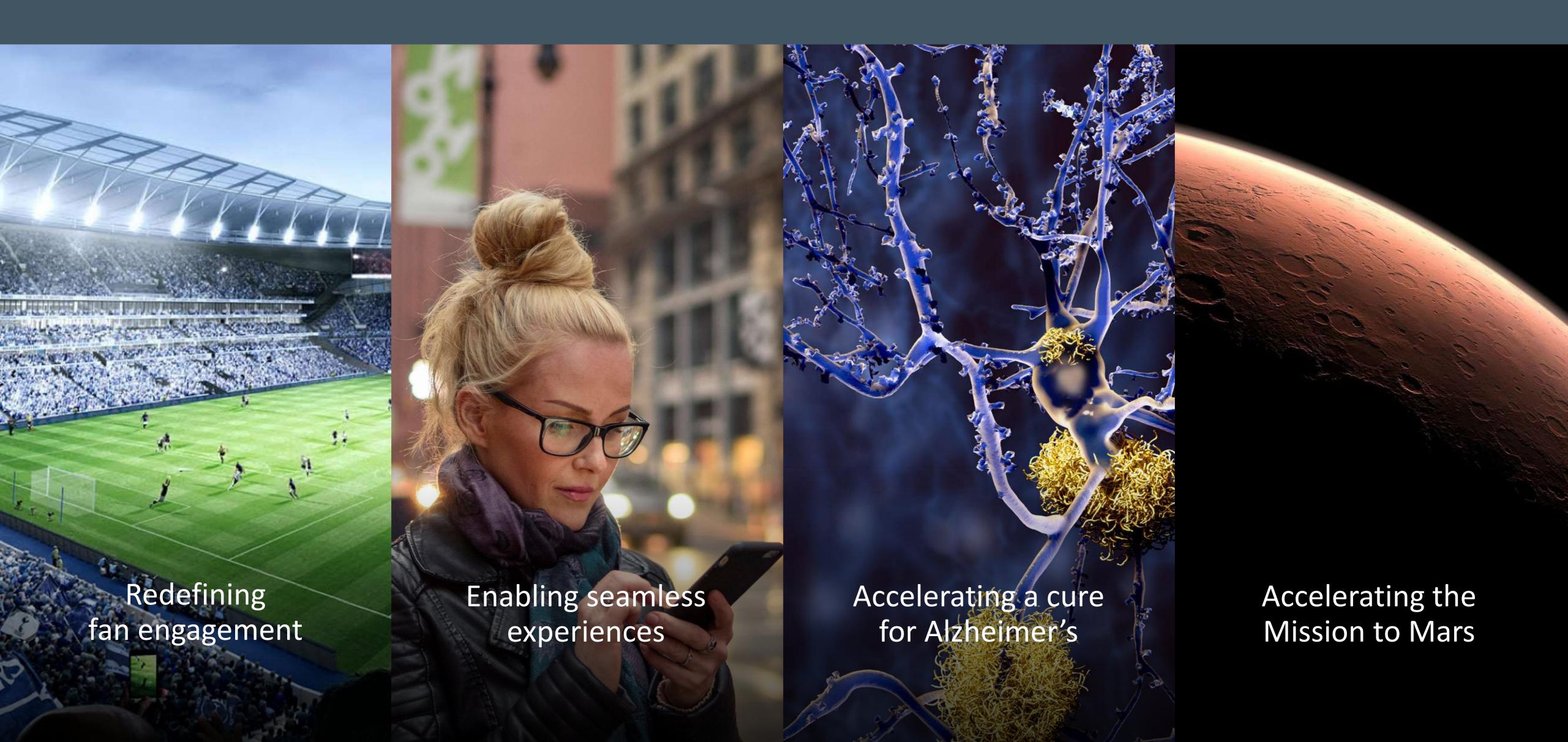
HPE Pointnext
Global Field Delivery Manager
For Greece & Cyprus





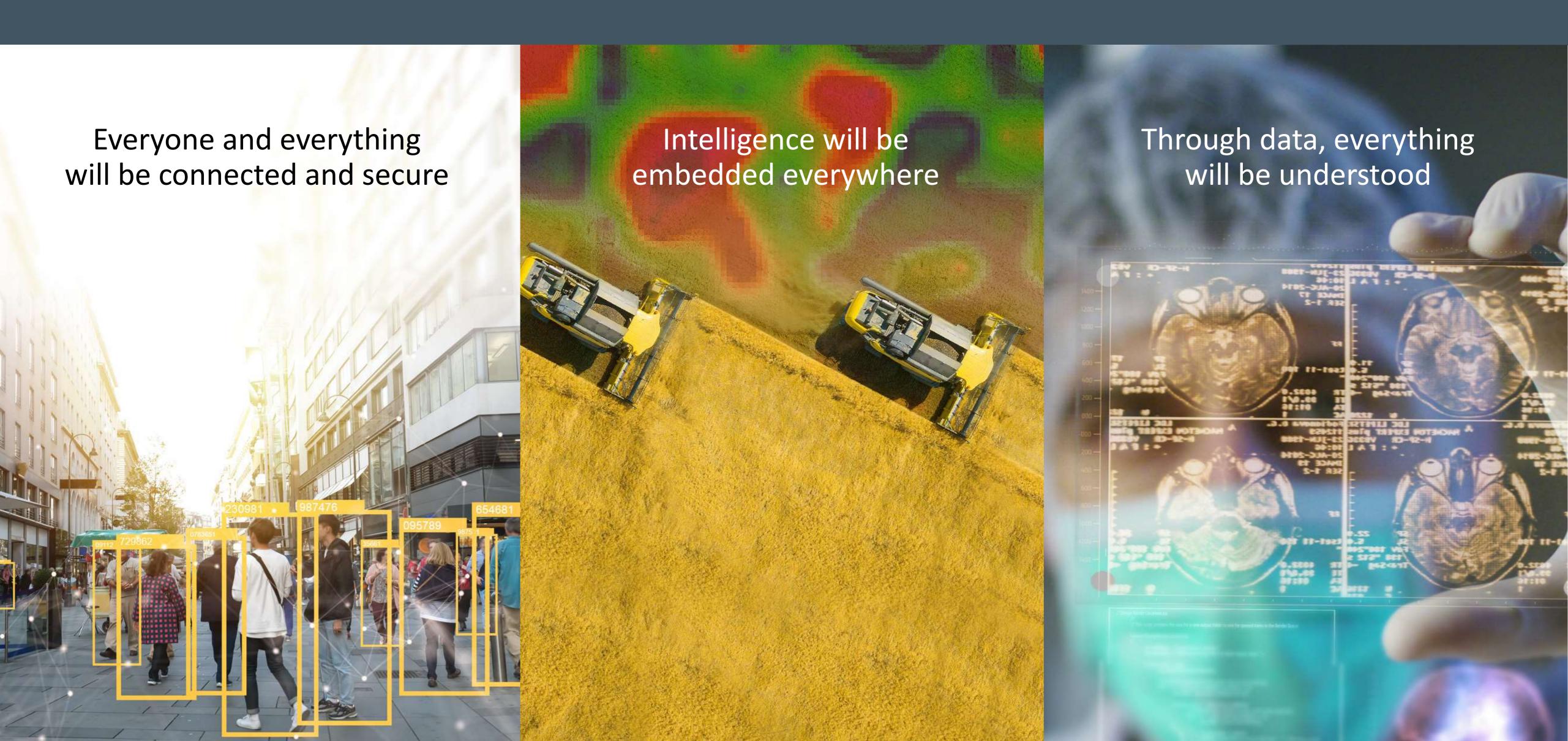
# Advancing the way people live and work





# Creating a world where everything computes





# The edge has arrived



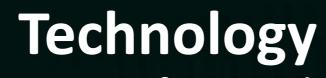


# Transform for a new speed of business





# HPE: Accelerating your digital transformation agenda



Intelligent, software-defined solutions, edge to cloud

## People

Skills, processes and culture to keep pace with innovation

## Economics

Investment strategies and business models to speed growth

# Transform your technology

Accelerate with intelligent, software-defined solutions, edge to cloud

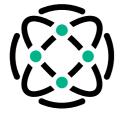




# HPE InfoSight — Using AI to Simplify IT Operations



Self-managing



Self-healing



Self-optimizing











Powered by HPE InfoSight: All for the Data Center

# Leading Al for Hybrid Cloud

Collecting and Analyzing Millions of Sensors per Second







**Predictive Support Automation** 



Preemptive Recommendations



**Proactive Management** 



Continuous Improvement

### **Cloud-Based Al Platform**



Predictive Analytics Engine



Global Learning



Recommendation Engine

### **Cross-Stack Telemetry**

 VMWare
 ORACLE
 SQL Server

 Compute
 Network
 Storage

# Transform your people and processes

Create a culture for growth and innovation

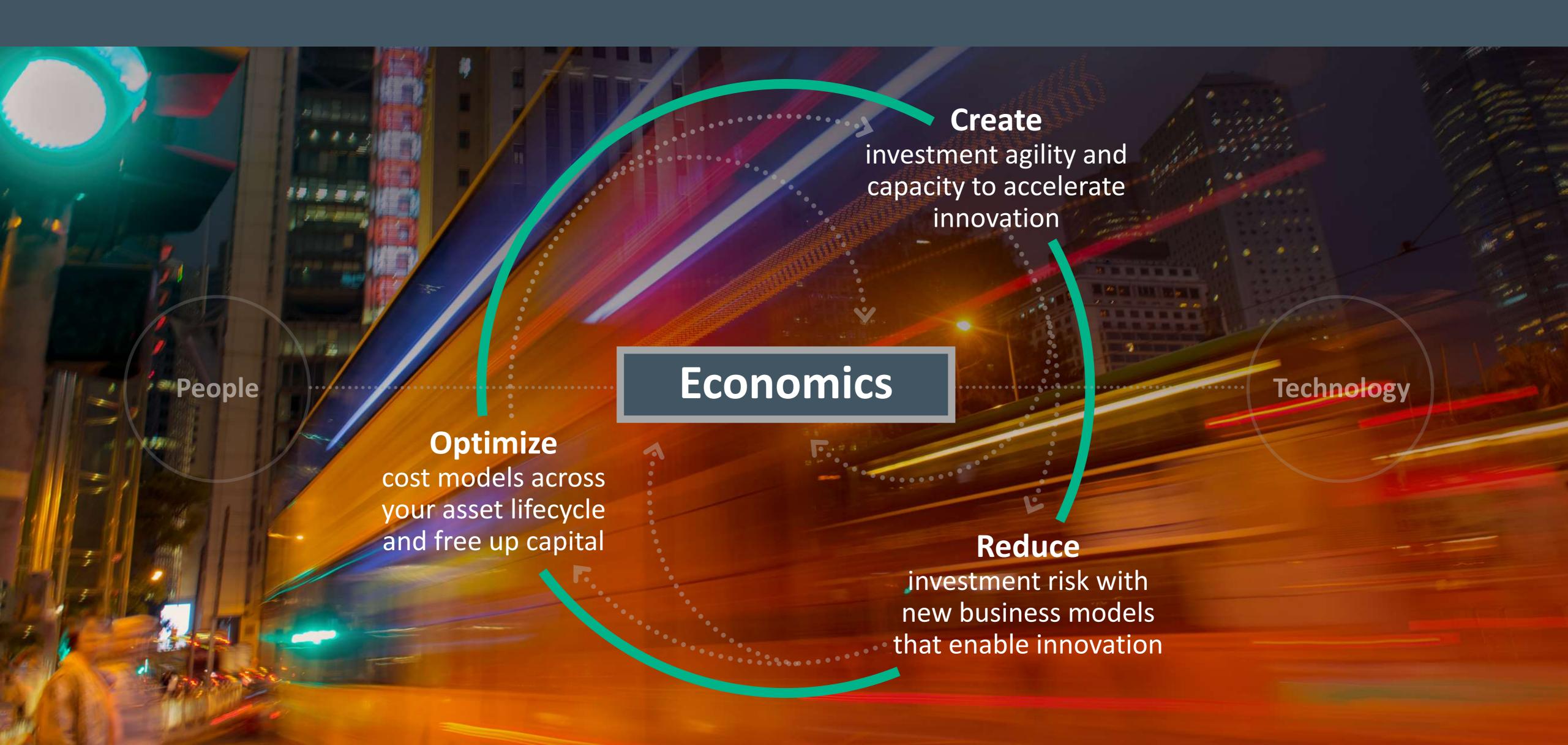




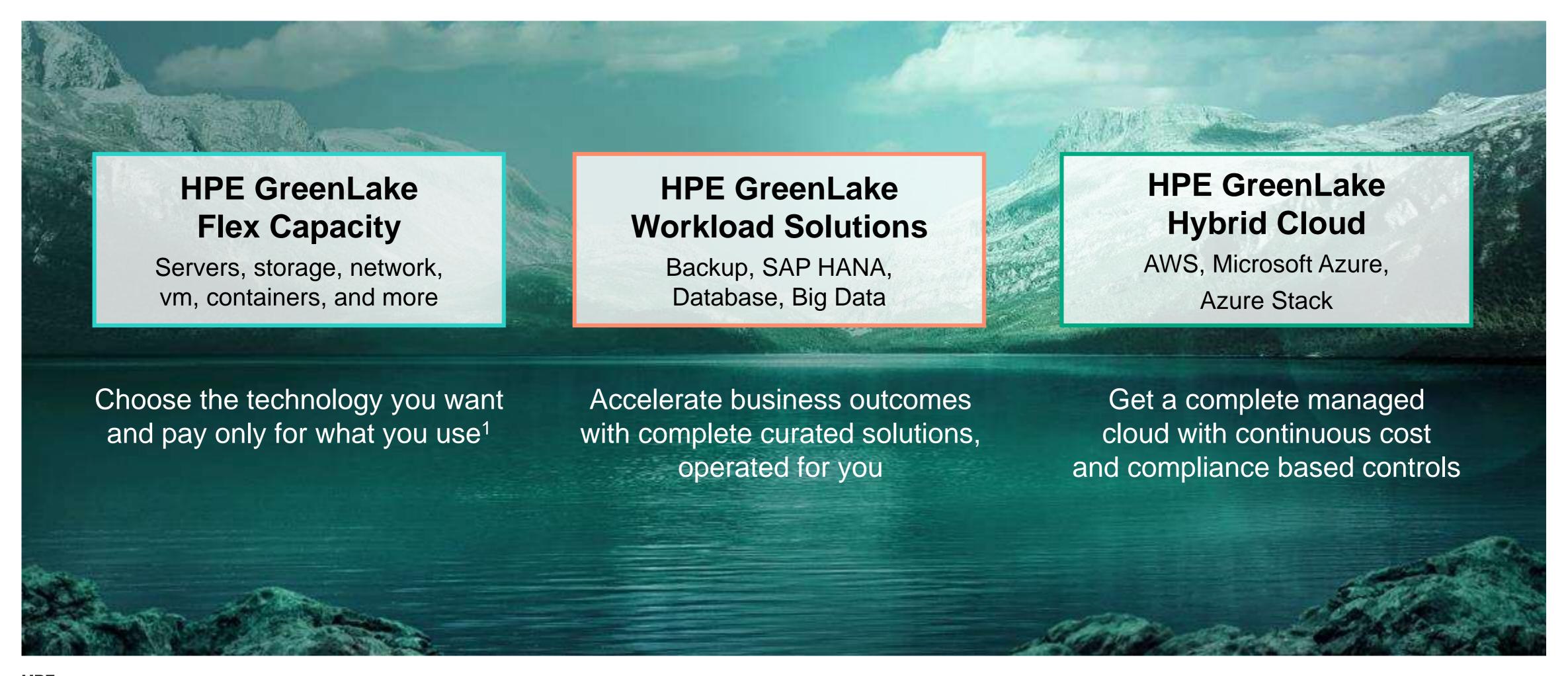
# Transform your economics

Align your IT investment strategy for growth and innovation





## HPE GreenLake consumption-based services





## How HPE GreenLake can help our customers



### **Business agility**

### Capacity ahead of demand

Active capacity metering and management

### Quick upgrades and add-ons

Simple change order process

### **Fuel innovation**

### Offload 'heavy lifting'

Takes on routine IT tasks to free up staff

### **Specialized resources**

Leverage HPE expertise and ecosystem

### **Lower IT costs**

### Reduce overprovisioning

Save on IT costs

#### No upfront capital

Pay only for the services you use<sup>1</sup>

### **Greater control**

### **Choose your technology**

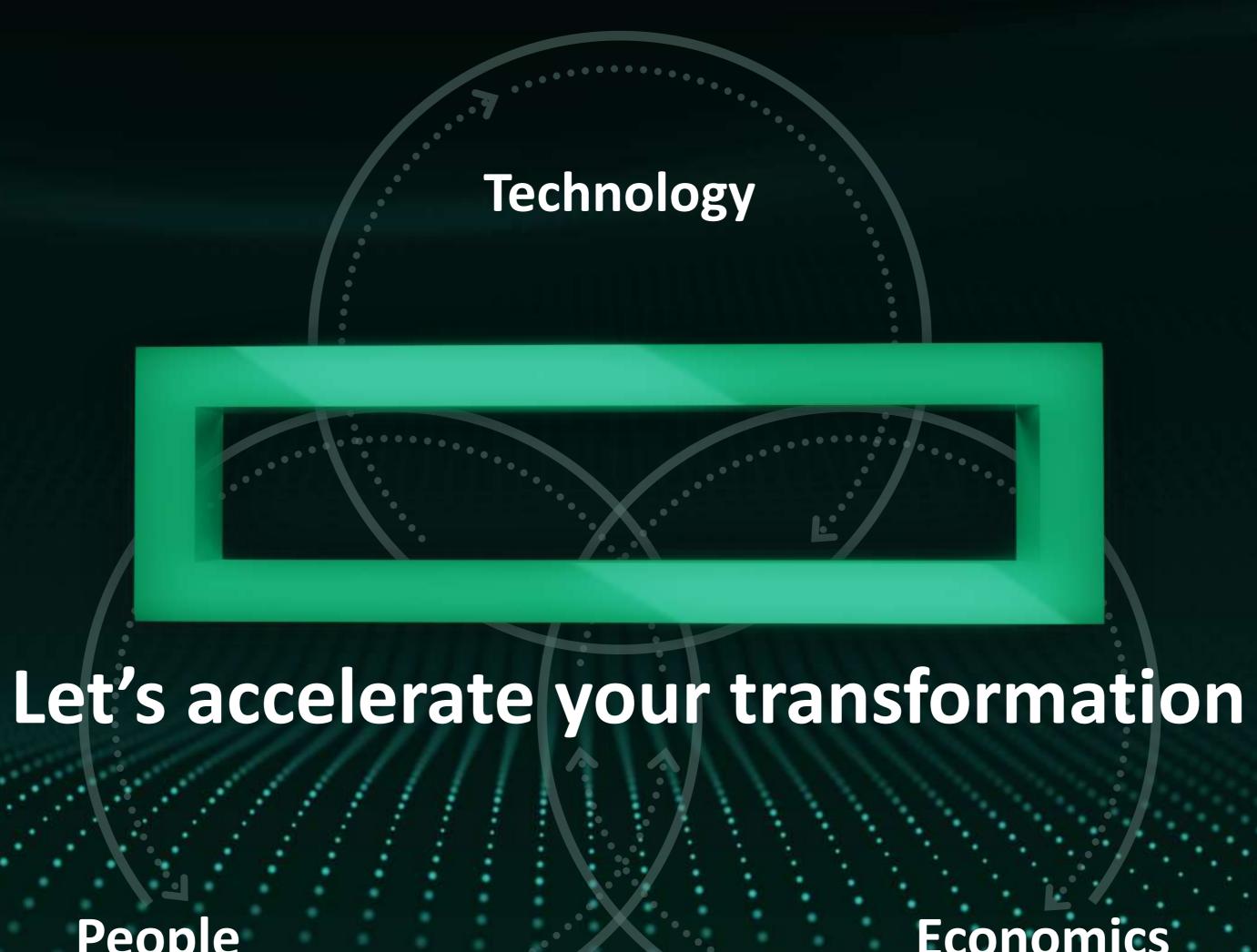
Deliver greater performance

### **Control your risk**

Deploy on-premises or at the edge



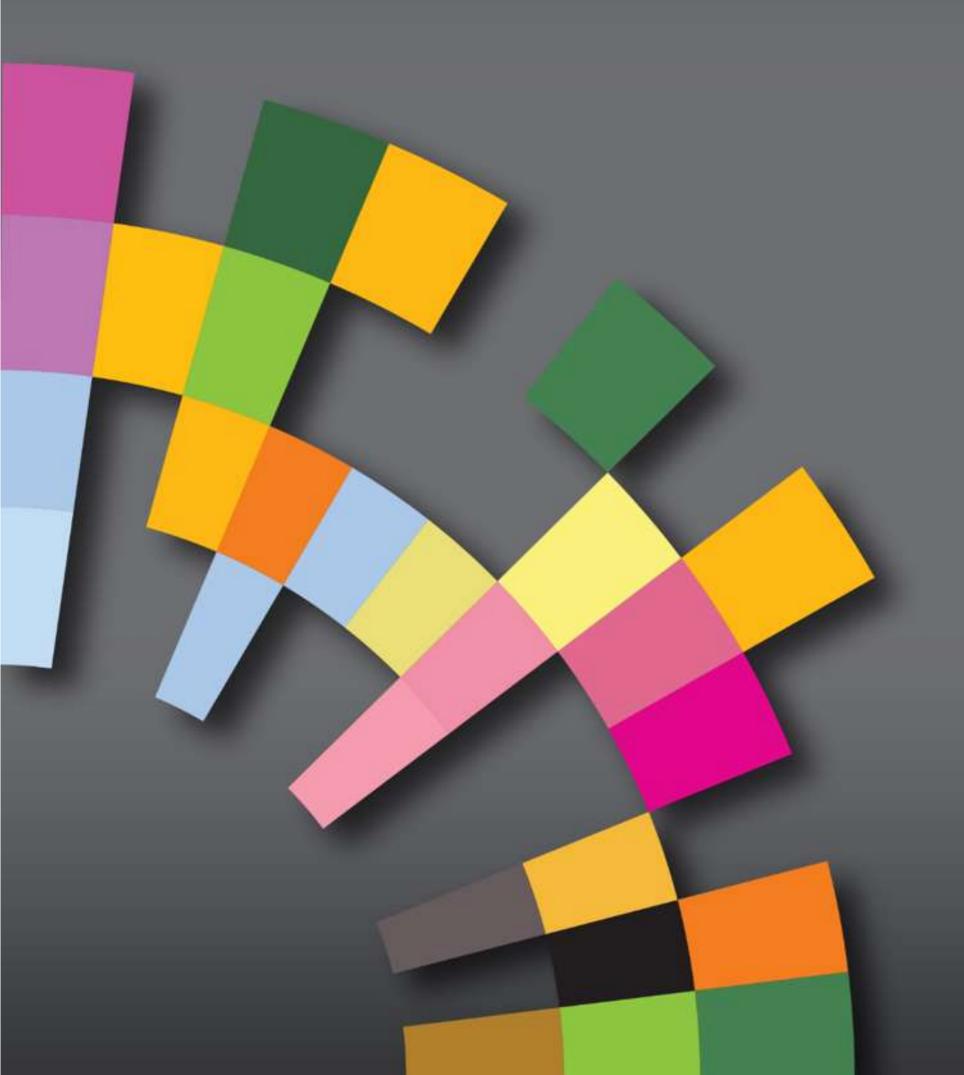
<sup>&</sup>lt;sup>1</sup> minimum commitment may apply



People

# uni systems

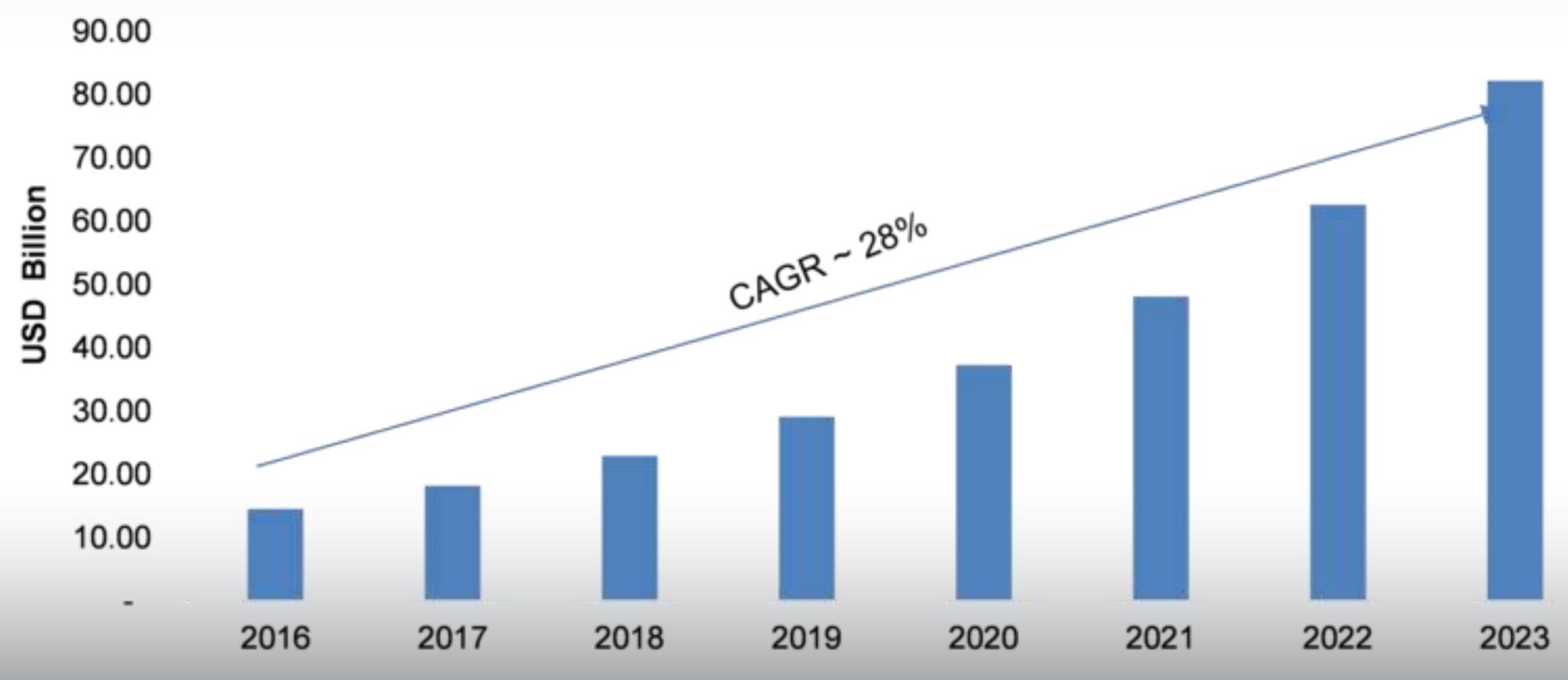




# Accelerating Next

Thalia Tsalkitzi, MLA Solutions Dpt Manager

## Global Location Based Service Market Size, 2017-2023 (USD Billion)





Market Research Future, Location Based Service Market 2018 Global Industry Trends

## Mobile & Location-based Services use on the rise

9% of internet users have configured their social network accounts on sites like Facebook, Twitter or Linkedin to include their location in posts to those sites

40% of people surveyed reported having been in an emergency situation in the last month in which having their cell phone helped them

68% of smartphone owners access email or internet on a typical day



Local content now dominates mobile usage behaviors

5% of cell phone owners use their phone to check into locations on services like Foursquare

28% of cell phone users use their device to get directions or recommendations

42% of people use their phone when they were bored as a form of entertainment

http://www.locahearchinetder.org/double-digit-growth-of-online-and-mobile-local-search/archines/ http://pswinternet.org/Reports/2011/Gall-Hignes.cepx http://pswinternet.org/Reports/2011/Smartphones.cepx http://pswinternet.org/Reports/2011/According.cepx





## What Do Location Services Mean For You?

## PRESENCE of people & things on the move

Powered by motion detection & computer vision

INTEREST in brand & the space

Powered by web and mobile app stats

## INTENTION to connect & spend time

Powered by Wi-Fi connectivity

### **INTERACTING and SENSING**

Powered Aruba Beacons, Tags & APPs

- Acting as a bridge between mobile & IoT
- Discover nearby places, people and things







# Improving the User Experience with a Glowing Blue Dot

## Help users discover amenities and services

that are closest to where they are

3m of accuracy, 3s of latency

with BLE beacons deployed every 10m

Allow users to share their location

with options to pause or delete at any time





Marketers need to remember the words of Steve Jobs: "You've got to start with the customer experience and work backwards to the technology."

**Using Aruba Beacons & Meridian in Creative Ways** 





Indoor guided tour within a museum



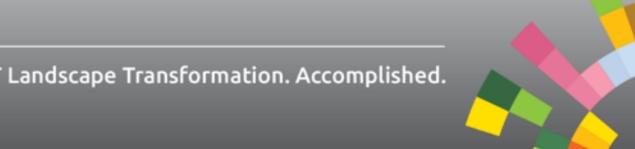
### Beacons do more than push

Allow your audience to enjoy a unique visitor experience at your venue

### We accelerate visitor engagement within a Museum

- ✓ Guided tour
- ✓ Comprehensive work information
- ✓ Turn by turn directions to any point of interest
- ✓ Enable users to personalize, optimize and socialize the experience





Indoor navigation within a large-footprint retailer.

36 feet **End Route** Overview

Beacons do more than push

Allow your visitors to see themselves on a digital indoor map

## Unified blue-dot & GPS navigation indoors & outdoors

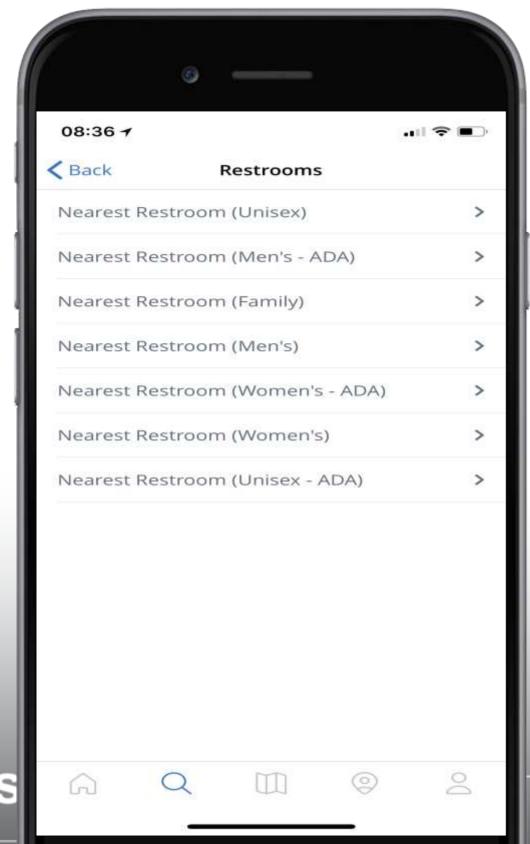
- ✓ Users can utilize GPS in outdoor maps AND
- ✓ transition back to using Aruba Beacons for indoor blue dot as they navigate across buildings.



Waiting time is critical "Which bathroom has the shortest line or which vendor has the shortest wait" (predictive analytics)

Beacons do more than push

Allow your public to find the way to exit and restroom



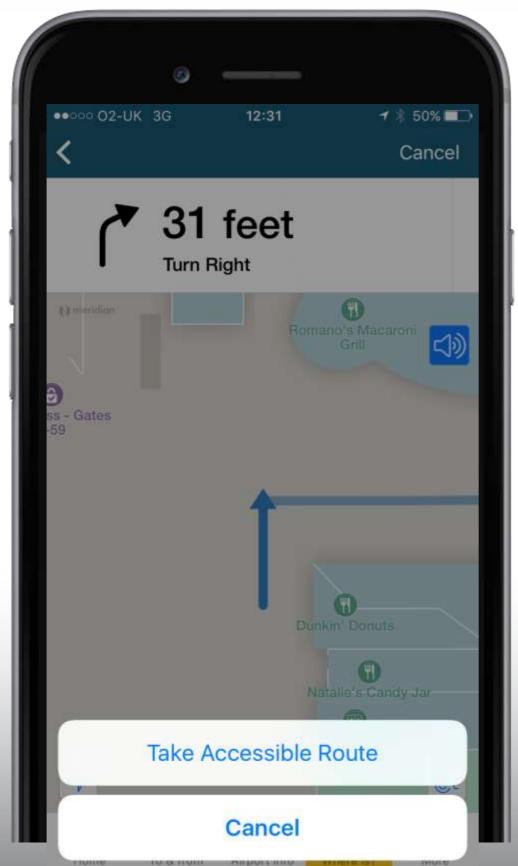
### Discover nearby amenities such as exits & restrooms

Users can discover amenities that are closest to their blue dot indoors and GPS location outdoors, improving productivity and increasing efficiency in service delivery.

**Choose the proper path for ADA** 

Beacons do more than push

Allow an end-user to find optimum path



## ADA suitable routes and navigation on mobile

Users in a wheelchair are guided through routes that has no stairs, no steep inclines and is generally known to be suitable for wheelchairs.



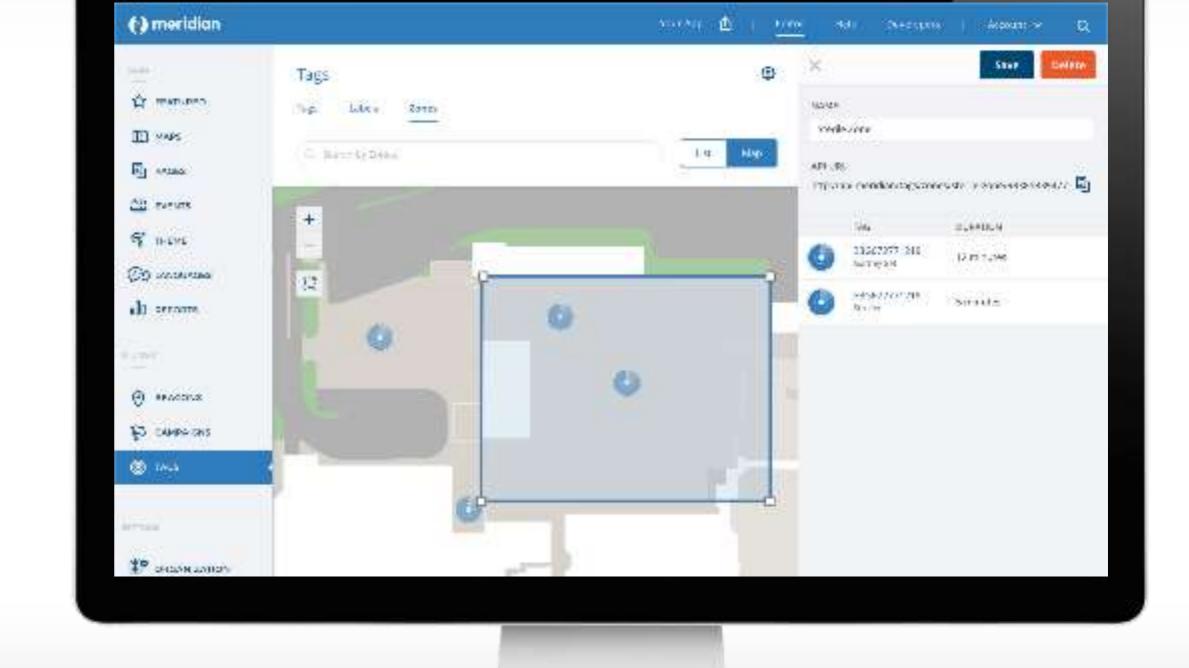
# Asset Tracking and Improved Staff Efficiency

Presence and duration analytics with zone entry and exit notifications

5m of accuracy and 2-min latency with Aruba APs deployed every 15m

Use Aruba WLAN to track

Aruba Tags (3-4 year battery life) with BLE





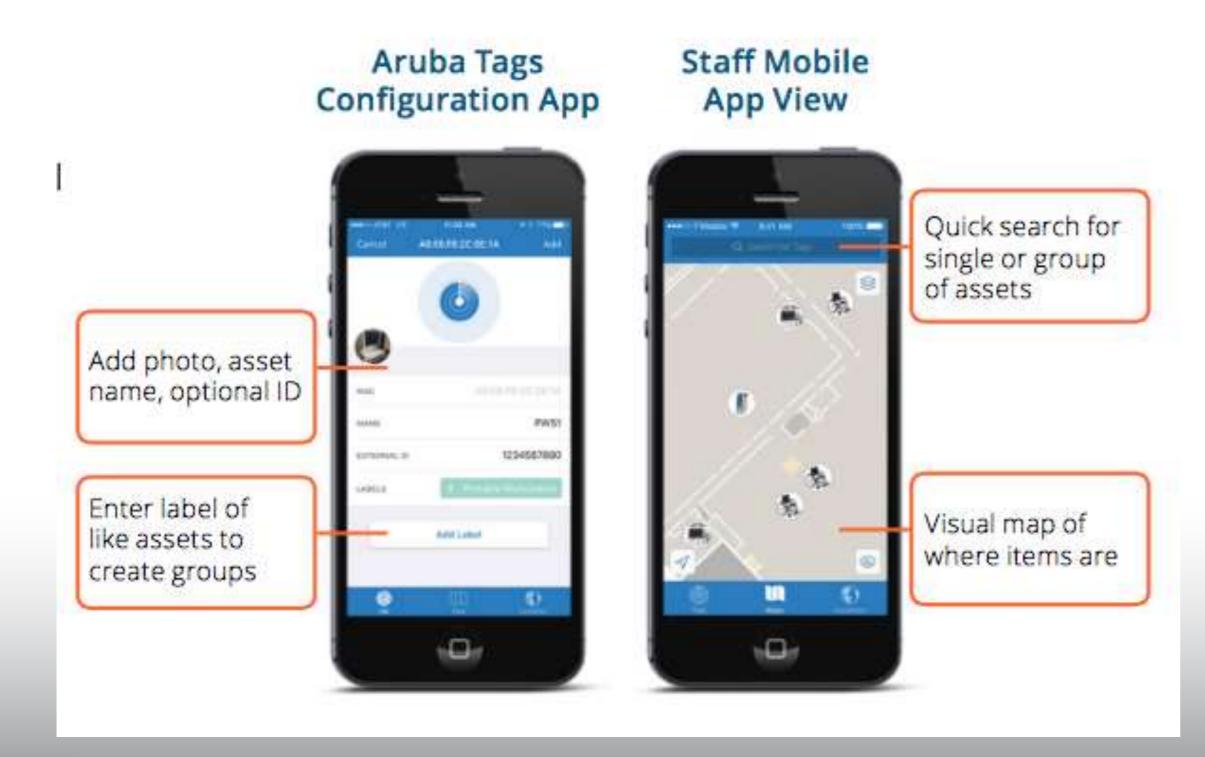


## Solution for your Staff Experience

**Locate & track moving assets** 

Beacons do more than push

Allow your staff to identify fast and easy your valuable assets



# Staff mobile app for quick search of assets on the map

- IT Equipment
- Cleaning equipment
- Special moving equipment
- Bikes
- Projectors
- •





## Software as a Service



#### Meridian software licenses:

- Mobile app content management
- Mapping engine for indoors and outdoors with south- and north-bound APIs
- Proximity-based triggers with BLE
- Real-time location with BLE / GPS
- Zone-based asset tracking, extending to ecosystem partners

#### Via Meridian, we gain access to:

- Streaming APIs for Meridian asset tracking
- South- and north-bound mapping engine APIs on Aruba Meridian
- Aruba Meridian mobile and web SDKs for enduser applications



## Multi-Tenancy for Beacons with Meridian Maps

**Map Hierarchy** Apps Content Proximity and blue dot experience, **Parent** Apps for operations asset tracking, maps, placemarks and e.g. Asset Tracking map routes unique to parent maps Proximity and blue dot experience, Child 1 Apps for guests maps, placemarks and routes unique to e.g. Visitor map this first child location Proximity and blue dot experience, Child 2 maps, placemarks and routes unique to Apps for workplace productivity e.g. Workplace map this second child location



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