

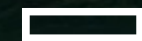
To Zettabytes And Beyond

Preparing for seismic shifts in the storage landscape

Chris Powers, Vice President
HPE Storage

FUJIFILM

11th Fujifilm Global IT Executive Summit



**Hewlett Packard
Enterprise**



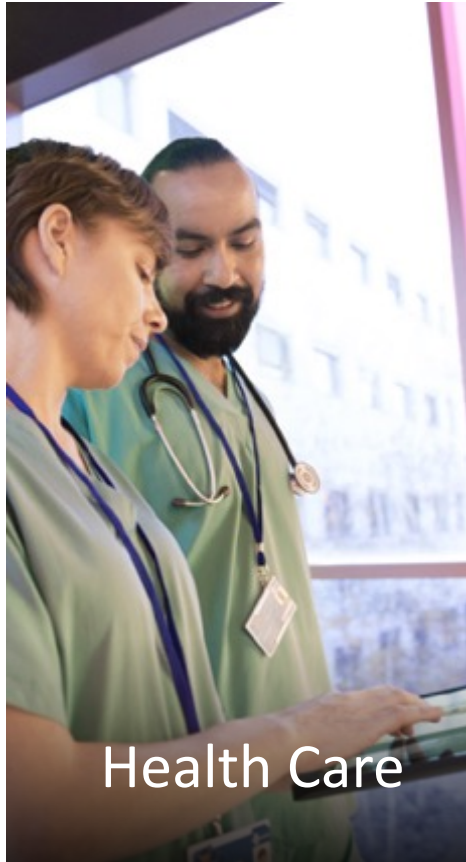
EVERYTHING COMPUTES

A faster, more intelligent world



Credit Card

Expanding **real-time payments** globally, while adhering to the strictest data sovereignty and performance requirements



Health Care

Enabling hospitals to **better manage patient data** and comply with privacy and governance regulations



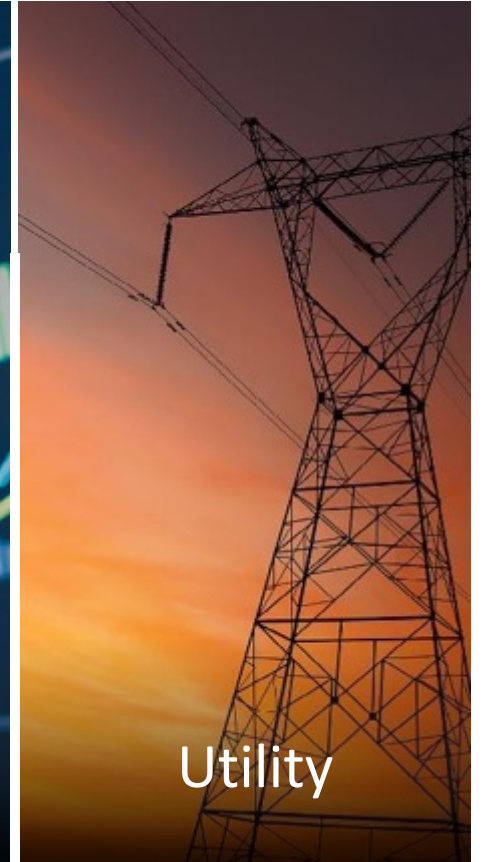
On Line Retail

Enhancing experiences for over 30 million online shoppers, **processing orders over 500% faster**



Collaboration

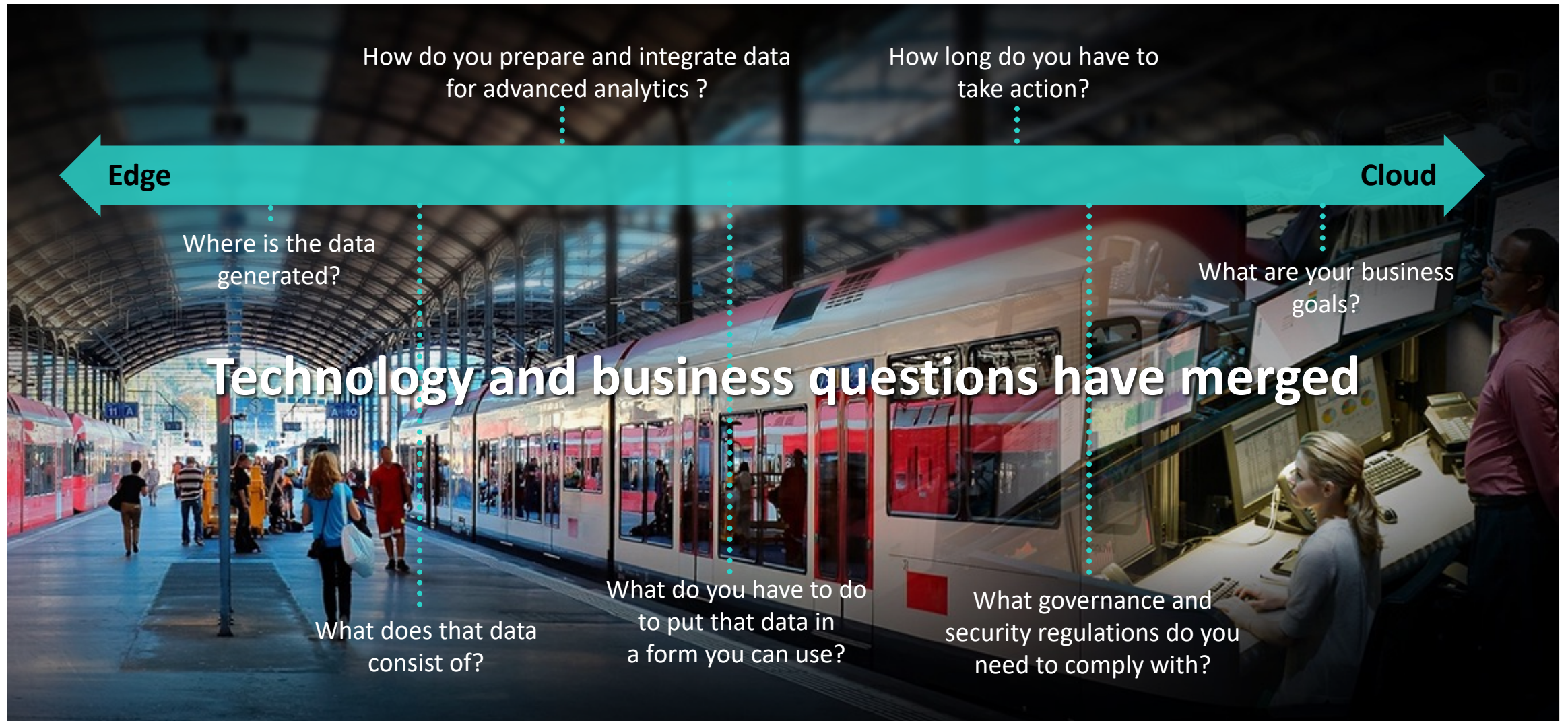
Shifted strategic service from AWS on-premises, driving **greater control over costs**



Utility

Leveraging 2.3 million smart meters to **fix power outages faster**

Where what you need to do, defines what you have to do





DIGITAL DILEMMA

Ability to create data is almost limitless - Edge, Mobile, IoT, HPC
Resources are not - \$TCO x IT Time x Capacity x Data Center Space

INTELLIGENCE

C H A N G E S E V E R Y T H I N G



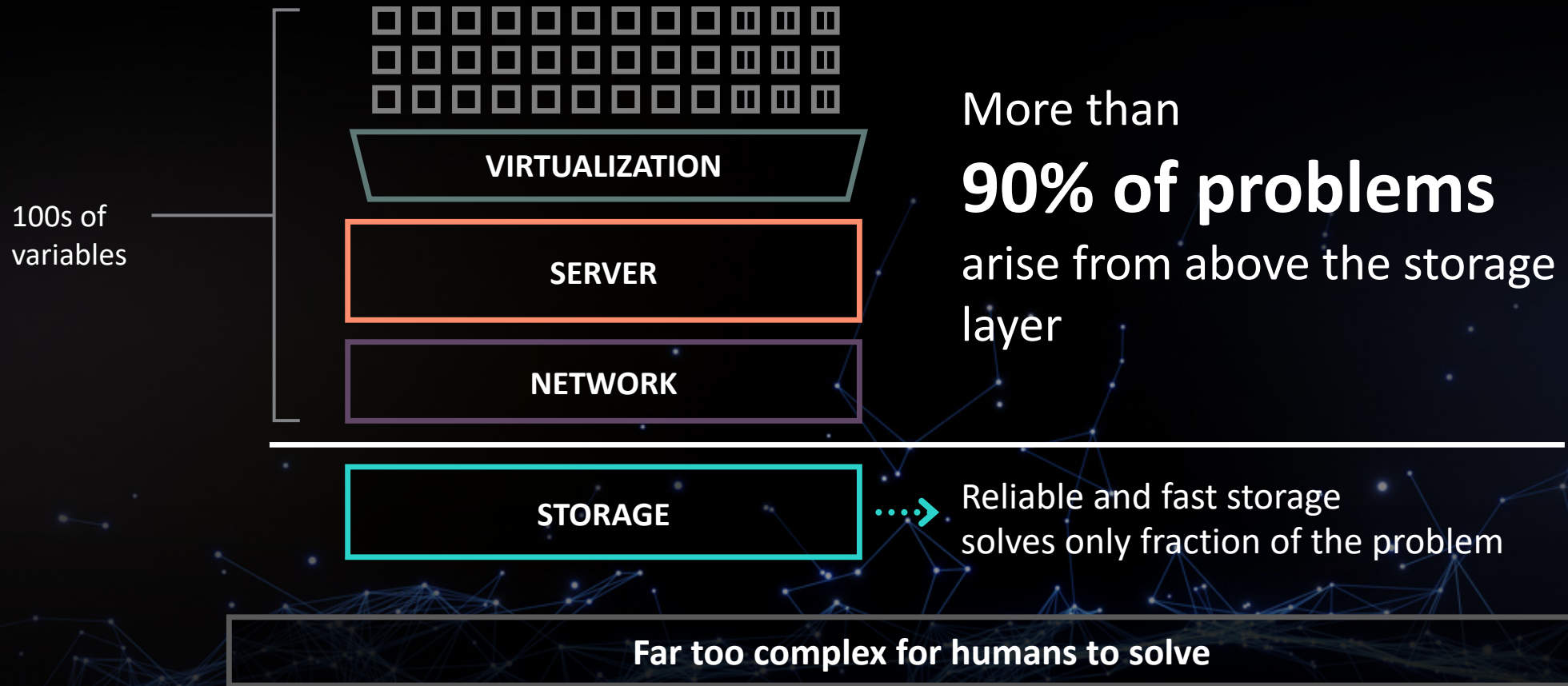
The intelligent enterprise

**Always-on,
always fast**

**Always
agile**

**Built for
innovation**

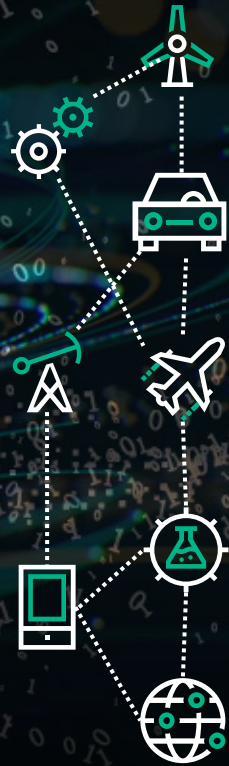
Intelligence is key for infrastructure management



Intelligence is key for taming hybrid complexity



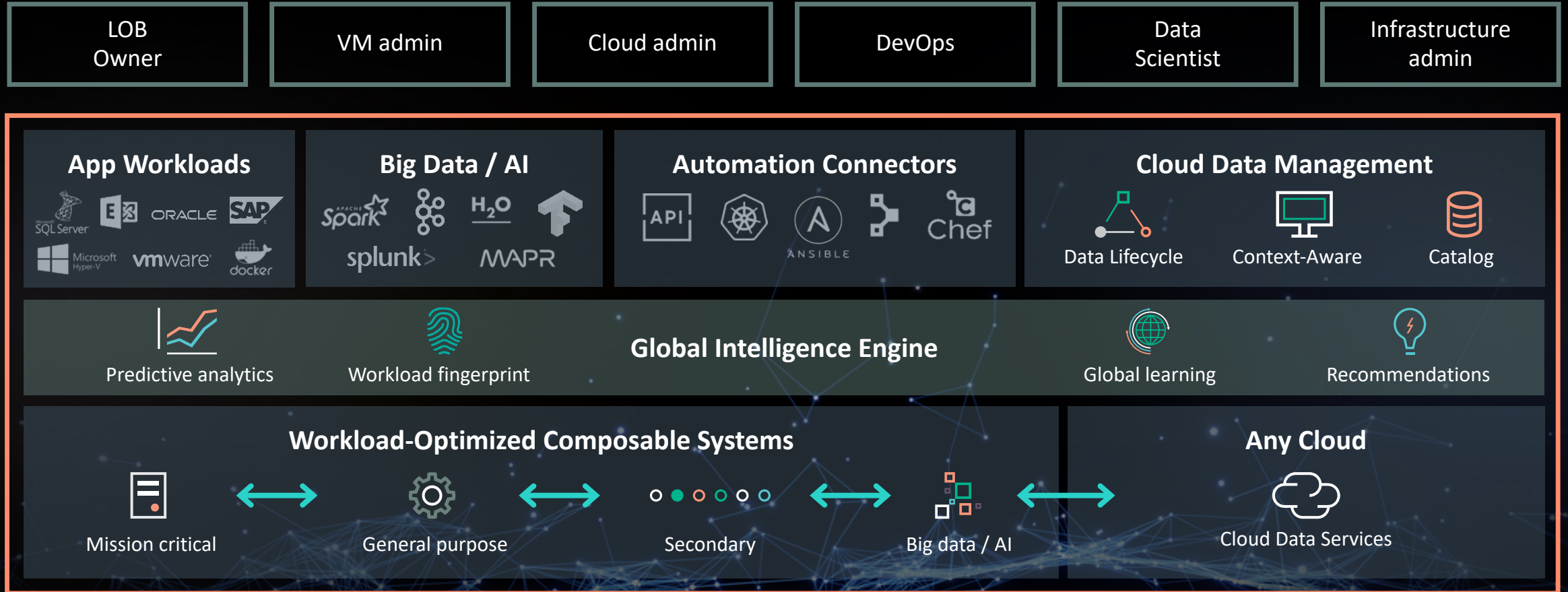
Intelligence is key for extracting value from data explosion



Greater than
40ZBs
by 2020

How will **you** unlock hidden insights to drive competitive advantage?

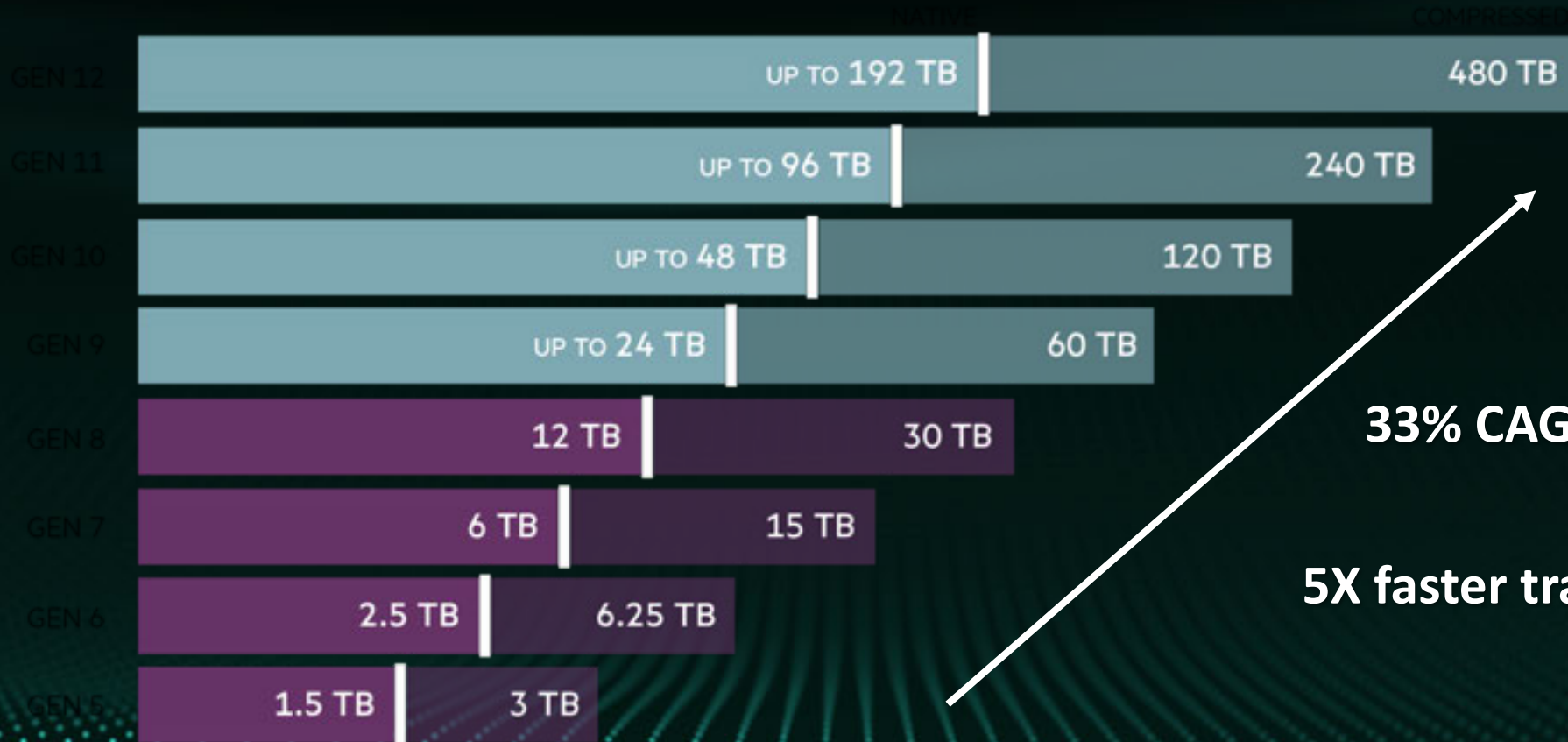
Intelligent Data Platform



DATA ISN'T VAPOUR - IT TAKES UP

S P A C E

PARTITIONING ENABLING LTFS | ENCRYPTION | WORM

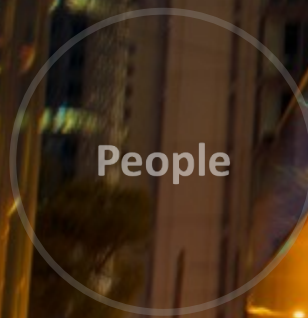


33% CAGR in areal density

5X faster transfer speeds

LTO INNOVATION

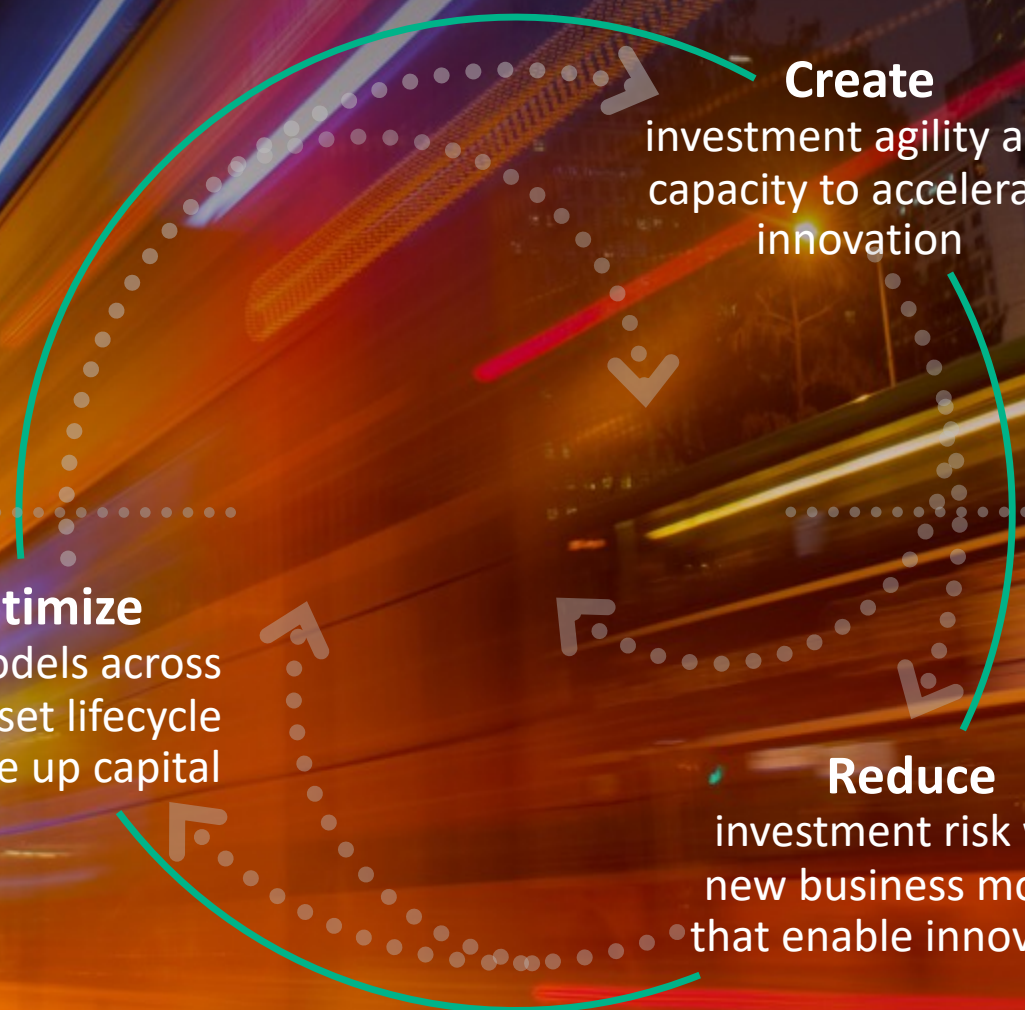
ECONOMIC TRANSFORMATION



Optimize
cost models across
your asset lifecycle
and free up capital

Create
investment agility and
capacity to accelerate
innovation

Reduce
investment risk with
new business models
that enable innovation

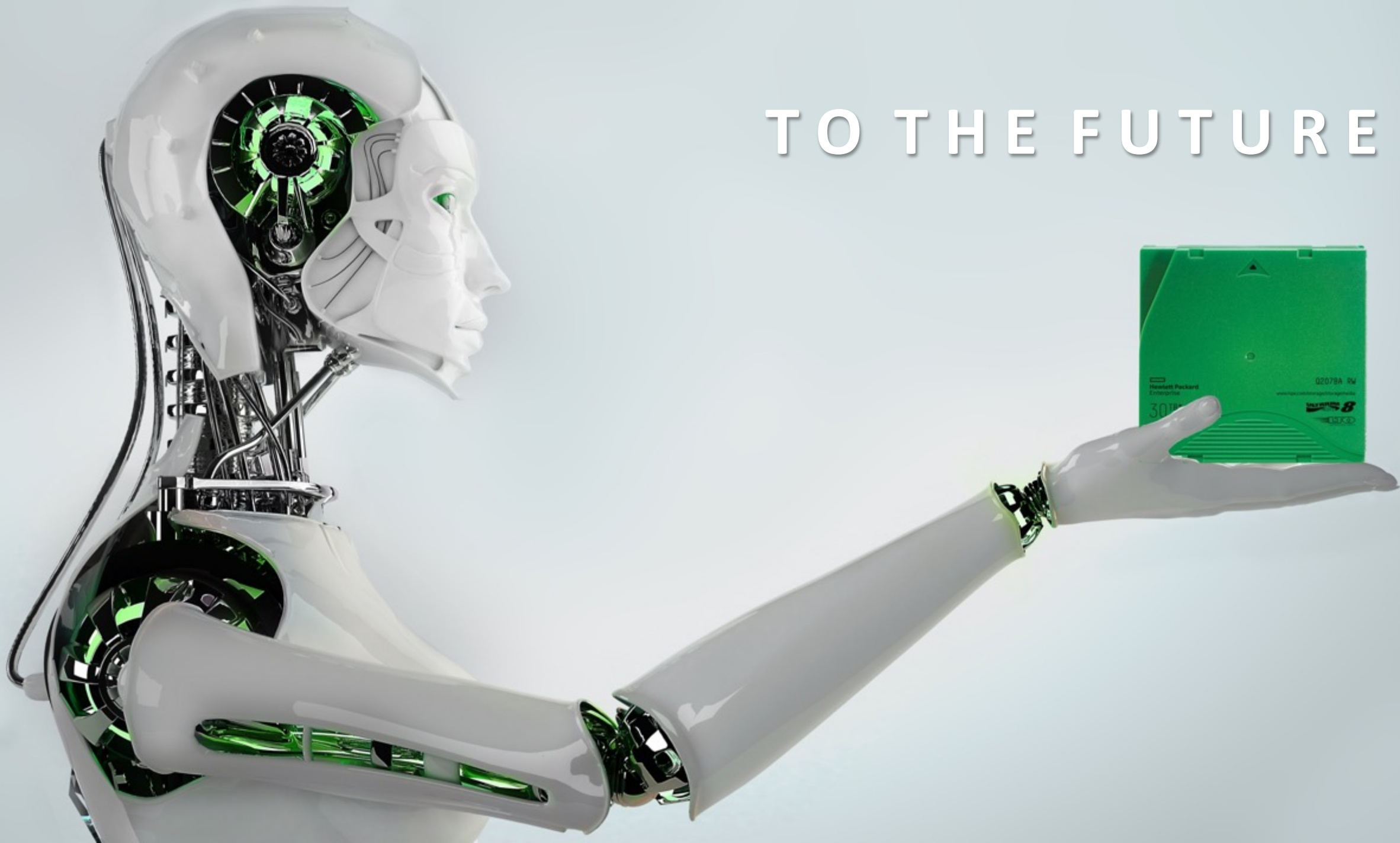


AIR GAP



Ransomware attacks happen every 40 seconds
An offline LTO tape archive can prevent the spread of malware

TO THE FUTURE



100 MILLION

HPE LTO Ultrium data cartridges...and counting.

1 cartridge every 6 SECONDS for 19 years

195 billion gigabytes



**Hewlett Packard
Enterprise**




A tower made from 100 Million
HPE LTO Ultrium data cartridges would be

23,065 times
higher than the Statue of Liberty

hpe.com/storage/storagemedia



**Hewlett Packard
Enterprise**




The capacity of 100 Million HPE LTO
Ultrium data cartridges is over

195 billion gigabytes

hpe.com/storage/storagemedia



**Hewlett Packard
Enterprise**




The tape inside 100 Million HPE LTO Ultrium
data cartridges would encircle Jupiter

81 times

hpe.com/storage/storagemedia



**Hewlett Packard
Enterprise**



The weight of 100 Million HPE LTO Ultrium
data cartridges is more than

147 blue whales

hpe.com/storage/storagemedia



**Hewlett Packard
Enterprise**



Thank you

