Unlock Data with AI and Analytics

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Data can transform businesses
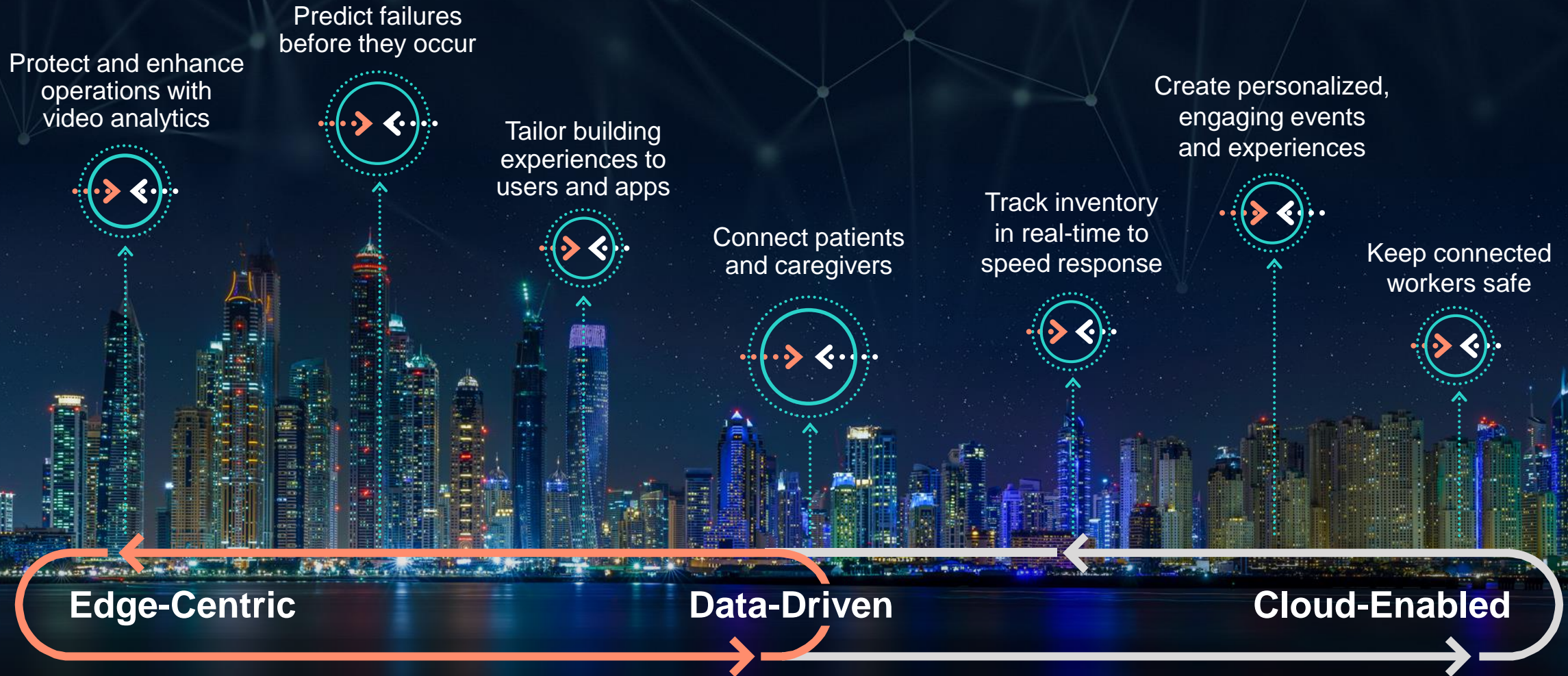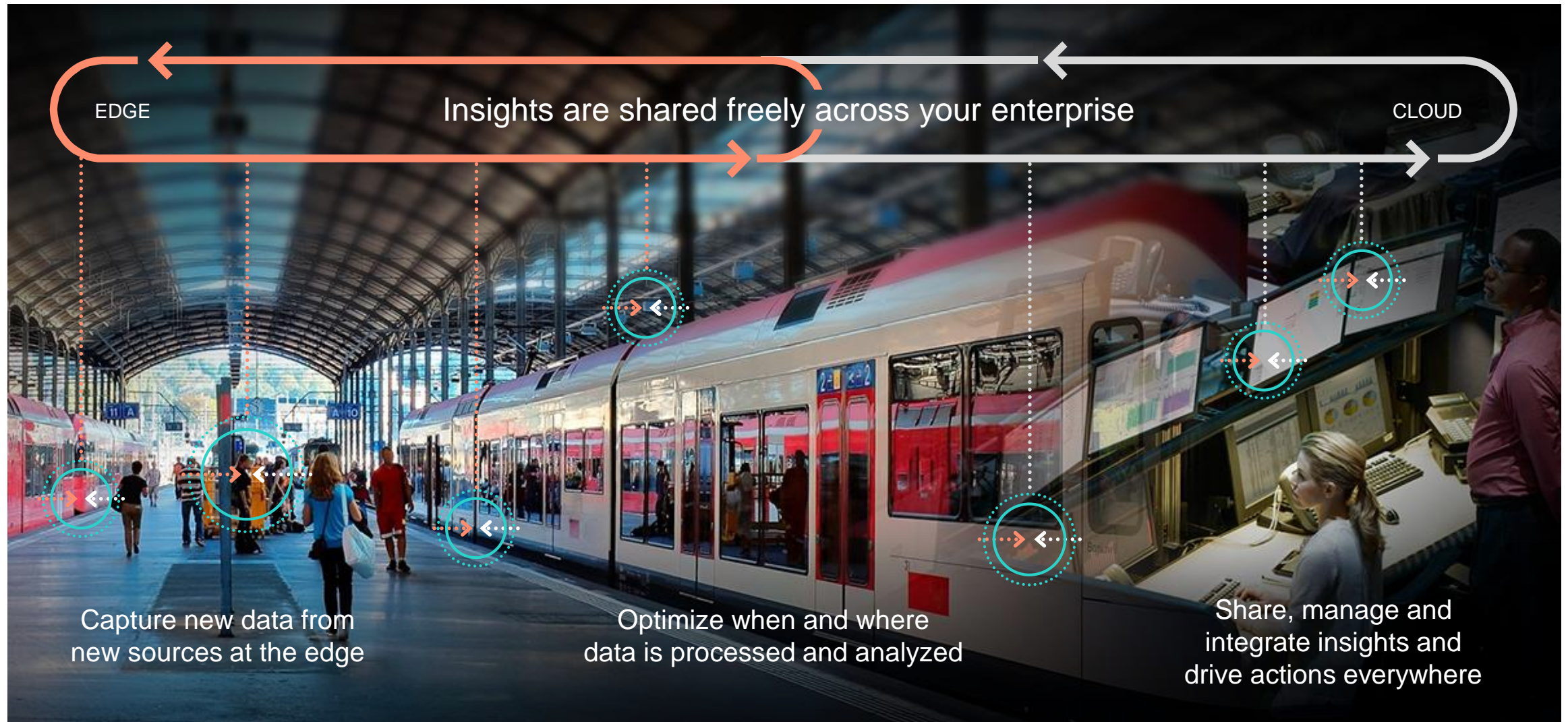
Unlocked through AI and advanced analytics

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Redefine experiences and create smarter operations

Predict failures before they occur

Protect and enhance operations with video analytics

Create personalized, engaging events and experiences

Tailor building experiences to users and apps

Track inventory in real-time to speed response

Connect patients and caregivers

Keep connected workers safe

Edge-Centric

Data-Driven

Cloud-Enabled

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Creating a better digital foundation

EDGE

Insights are shared freely across your enterprise

CLOUD

Capture new data from new sources at the edge

Optimize when and where data is processed and analyzed

Share, manage and integrate insights and drive actions everywhere

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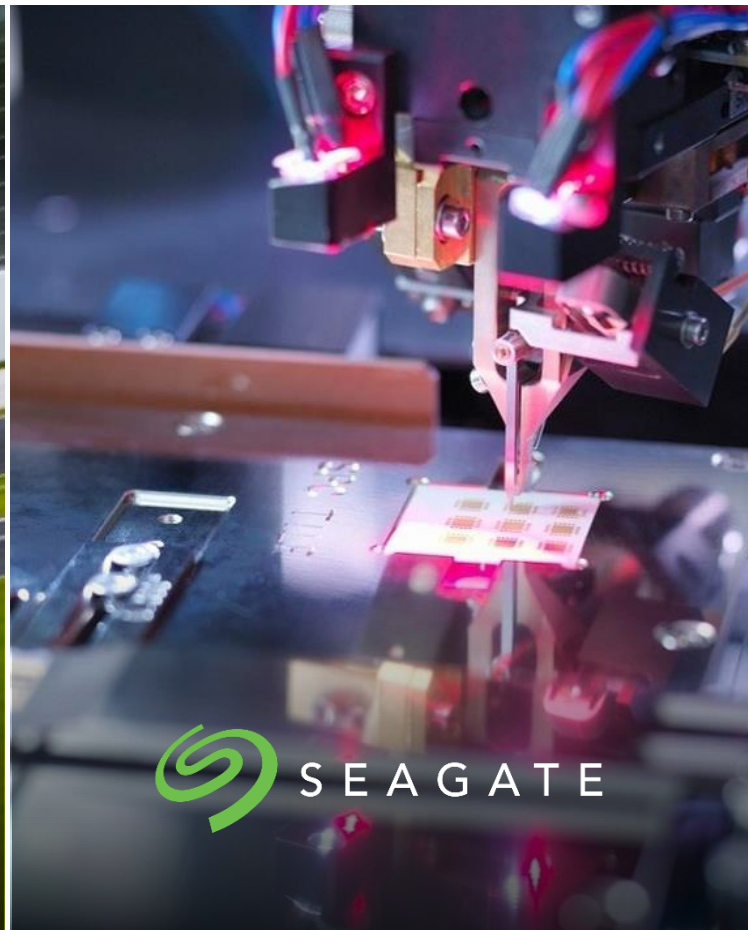Enterprise

HPE is making AI enterprise-grade

Using AI to perfect race strategy
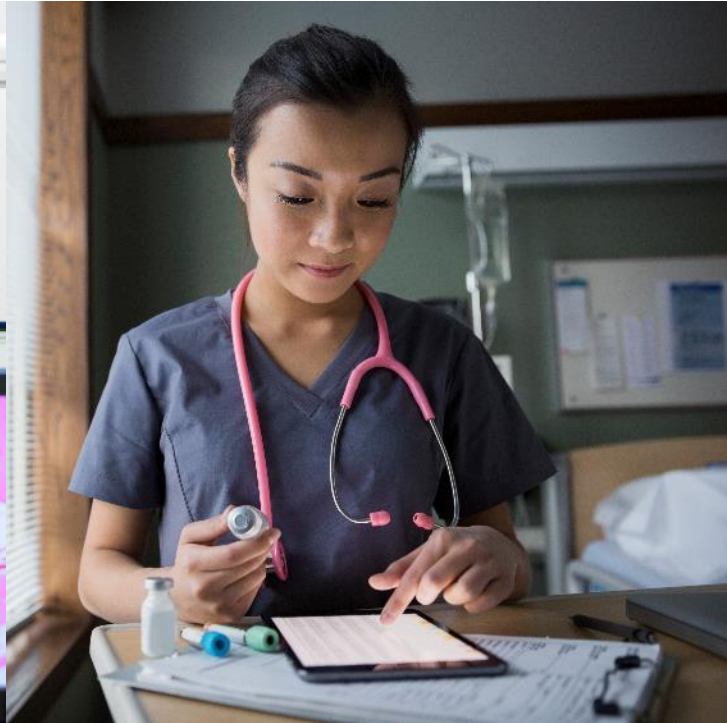

Converging AI, IT and OT
to boost output and quality

Accelerating Alzheimer's research
100x using in-memory analytics

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Prepare for the connected health & wellness world
where everything cares

Technology will be
embedded everywhere

Everyone and everything
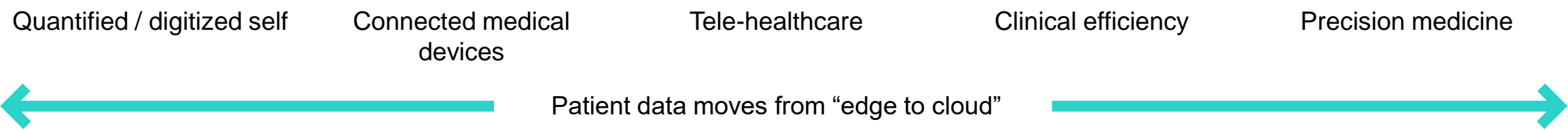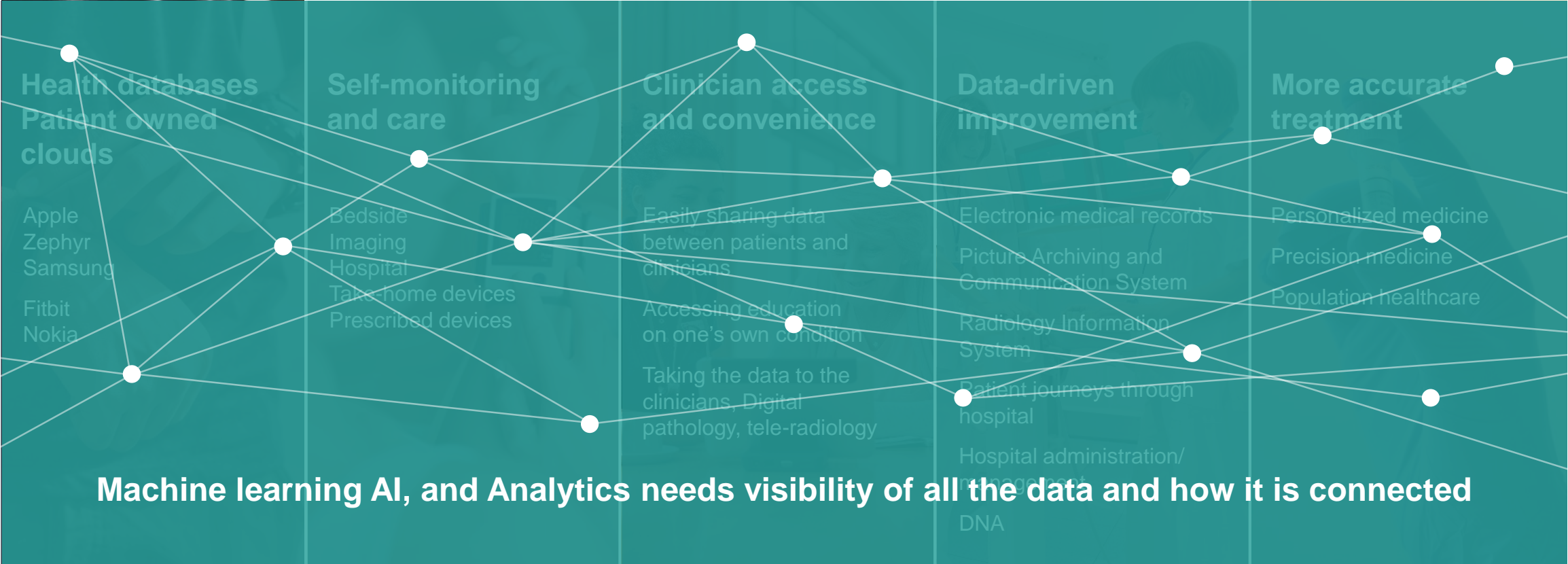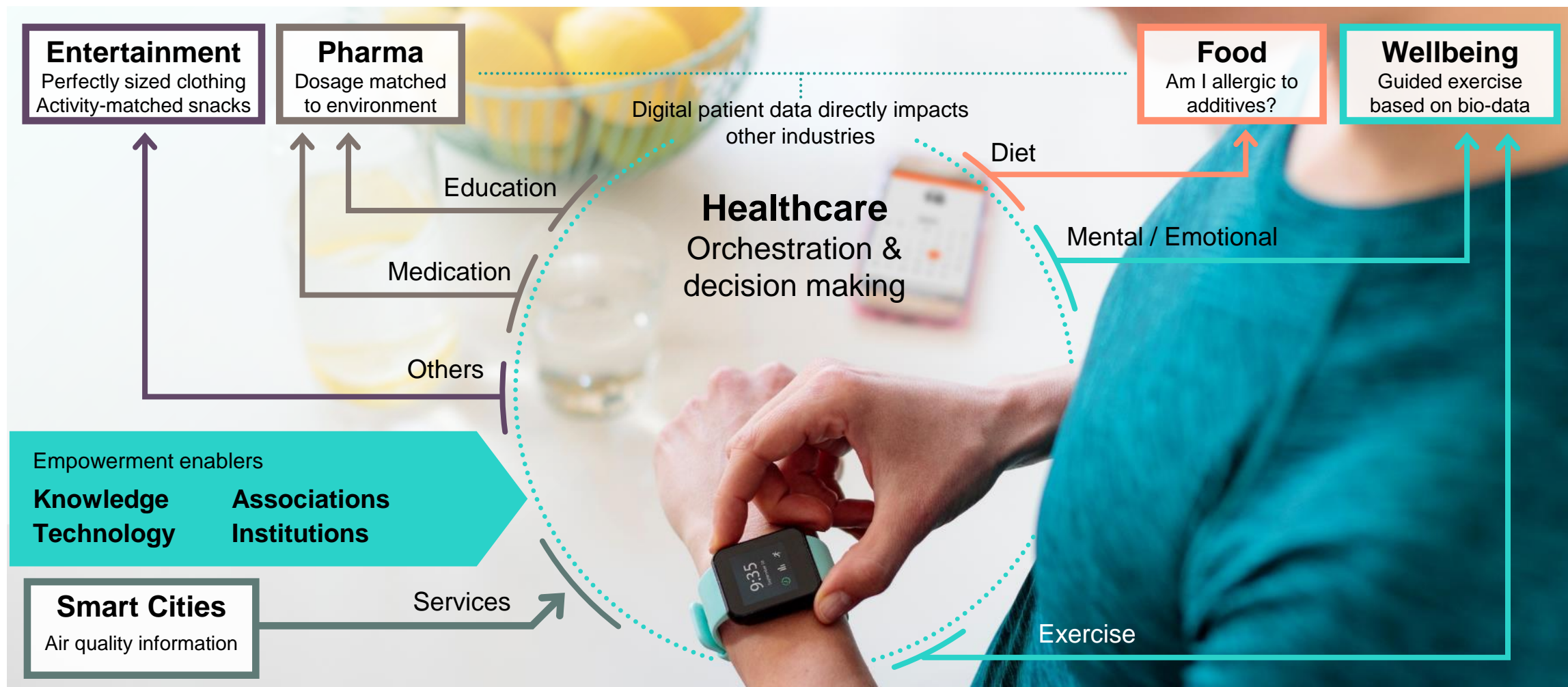will be connected
– and learning

Everything
will be understood

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Digitally disrupting healthcare

Health databases Patient owned clouds

Apple
Zephyr
Samsung

Fitbit
Nokia

Self-monitoring and care

Bedside
Imaging
Hospital
Take-home devices
Prescribed devices

Clinician access and convenience

Easily sharing data between patients and clinicians

Accessing education on one's own condition

Taking the data to the clinicians, Digital pathology, tele-radiology

Data-driven improvement

Electronic medical records

Picture Archiving and Communication System

Radiology Information System

Patient journeys through hospital

Hospital administration/ management

DNA

More accurate treatment

Personalized medicine

Precision medicine

Population healthcare

Machine learning AI, and Analytics needs visibility of all the data and how it is connected

Quantified / digitized self   Connected medical devices   Tele-healthcare   Clinical efficiency   Precision medicine

Patient data moves from "edge to cloud"

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Empowered patient orchestrates personal health & wellbeing
Broad fabric of industries to interconnect

Entertainment
Perfectly sized clothing
Activity-matched snacks

Pharma
Dosage matched
to environment

Food
Am I allergic to
additives?

Wellbeing
Guided exercise
based on bio-data

Digital patient data directly impacts
other industries

Healthcare
Orchestration &
decision making

Diet

Mental / Emotional

Education

Medication

Others

Empowerment enablers

Knowledge   **Associations**
Technology   **Institutions**

Smart Cities
Air quality information

Services

Exercise

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The new style of healthcare

Empowered patients and supportive clinicians collaborate closely

Cost

High complexity – physical presence required

"Help me get well – physically or virtually

Expert / specialists

Tele-assistance

Coached

"There's an app for that"

Assisted / monitored

Self-service

Level / Complexity of care

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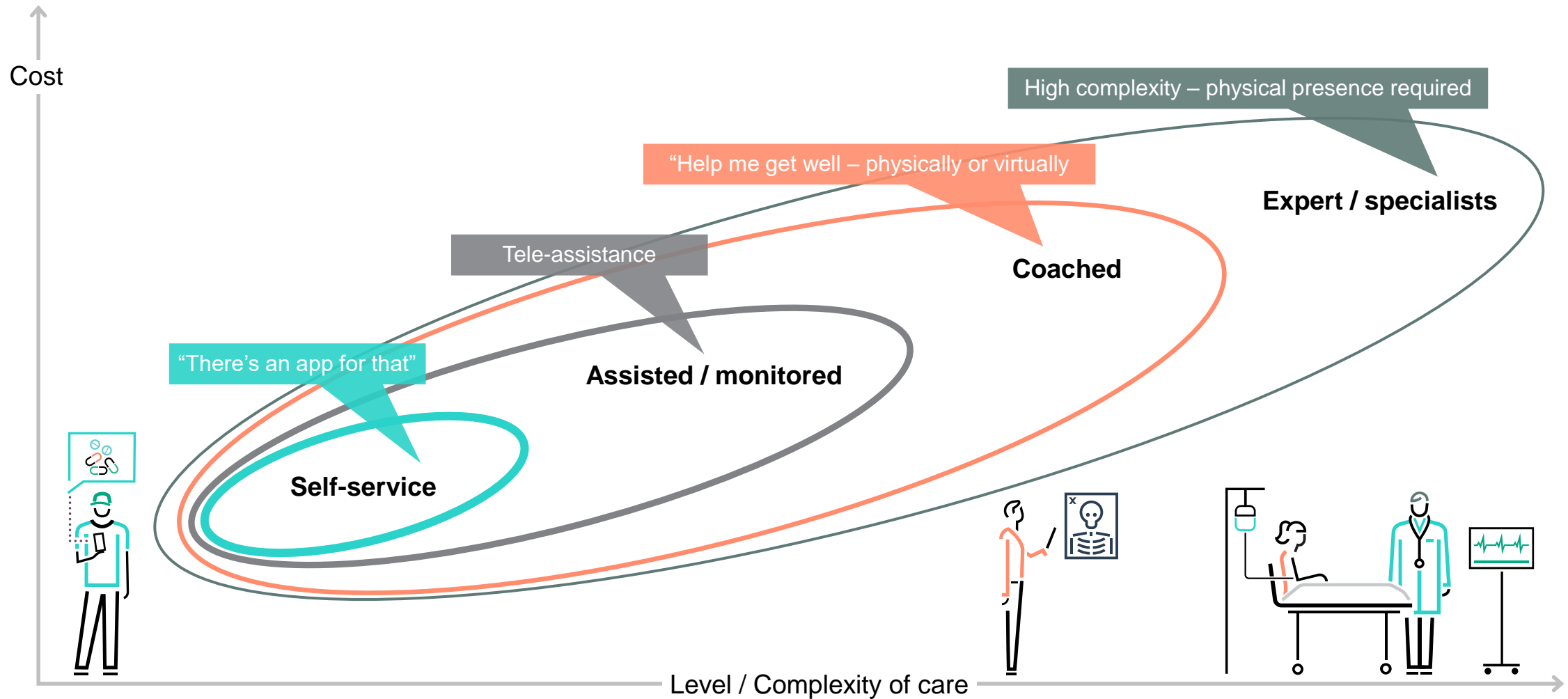
Technology enablers
It is IT that enables the New Care Continuum!

- Telehealth services
- mHealth / Specialized apps
- Artificial intelligence / Machine learning
- Robust & secure Hybrid IT
- Health records Digital imaging
- IoT / Intelligent Edge
- Precision medicine /genomics
- Big data & analytics

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Memory-Driven Computing helps outpace the global time bomb of neurodegenerative disease
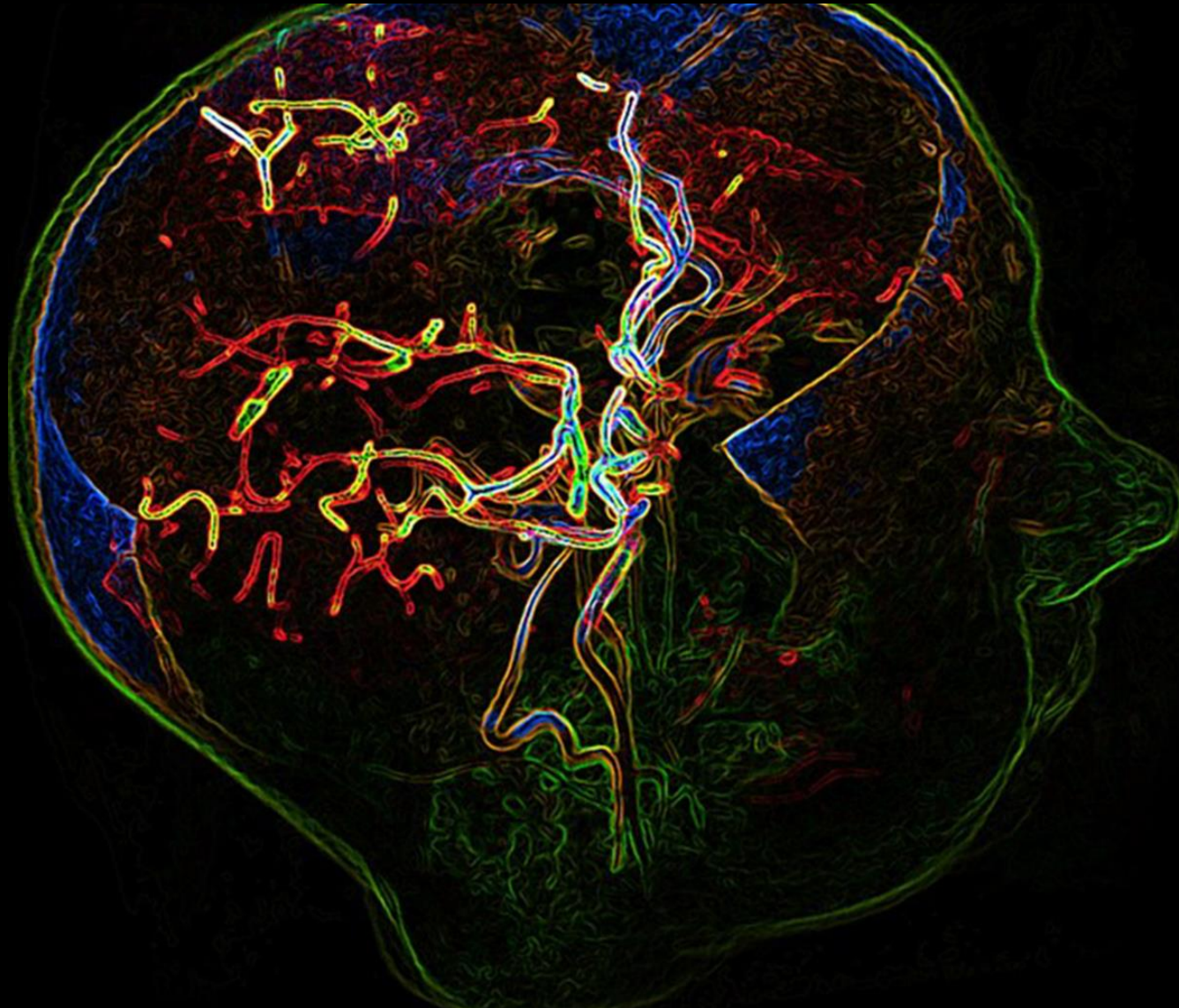
DZNE discovered HPE's Memory-Driven Computing — and saw unprecedented computational speed improvements that hold new promise in the race against Alzheimer's

60%
power reduction
cuts research costs

101x
increase in analytics speed blasts research bottlenecks, leading to shorter processing time — from 22 minutes to

13 seconds