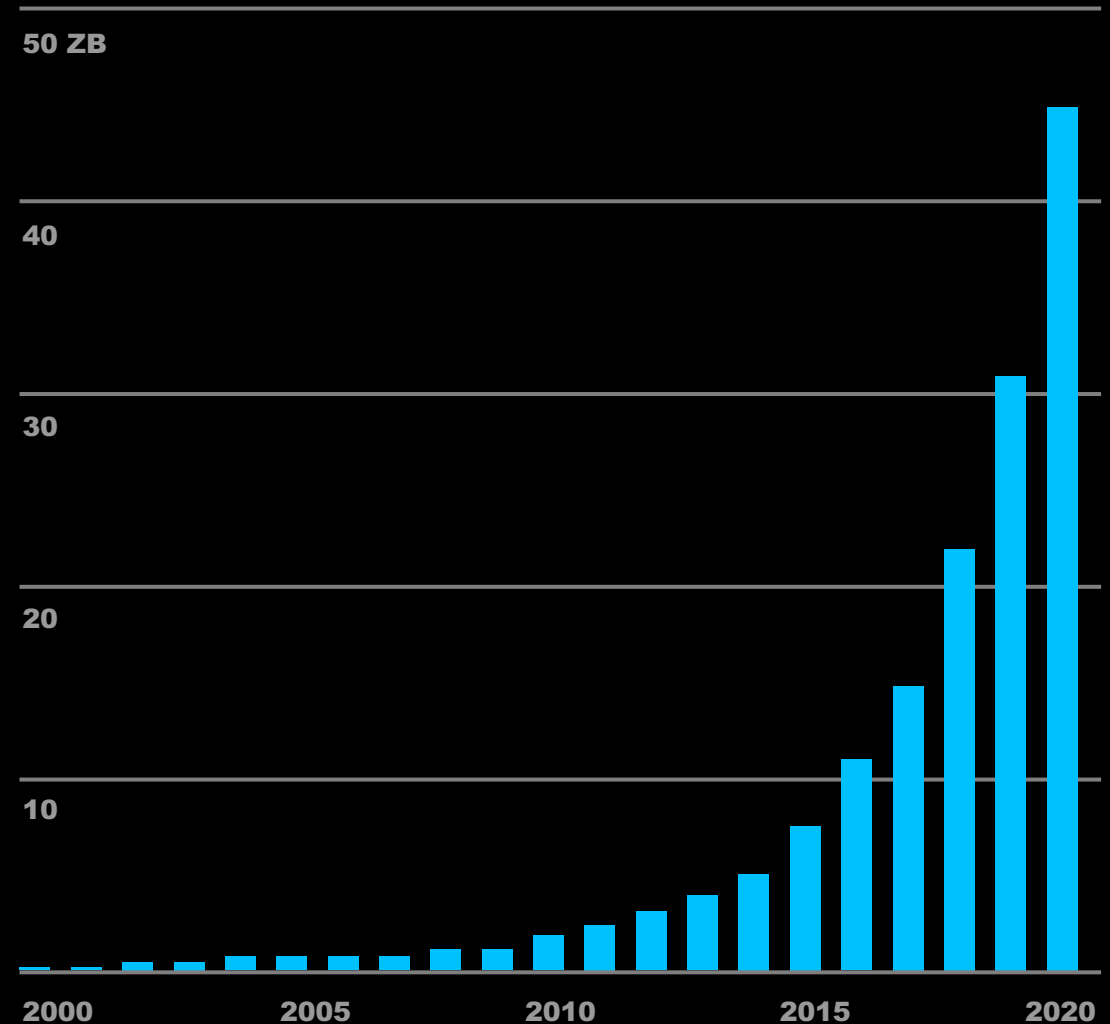


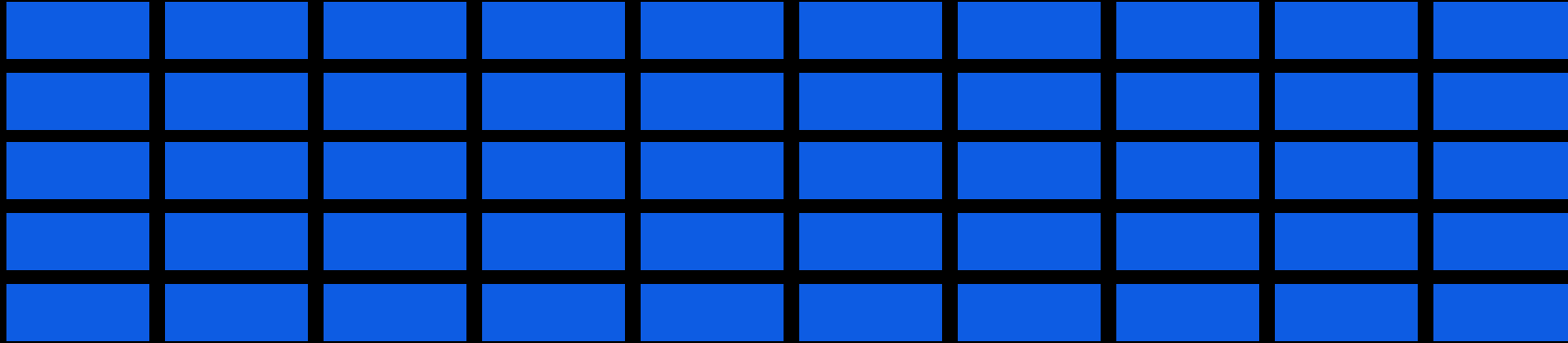
**The rate of digital
transformation is accelerating.**



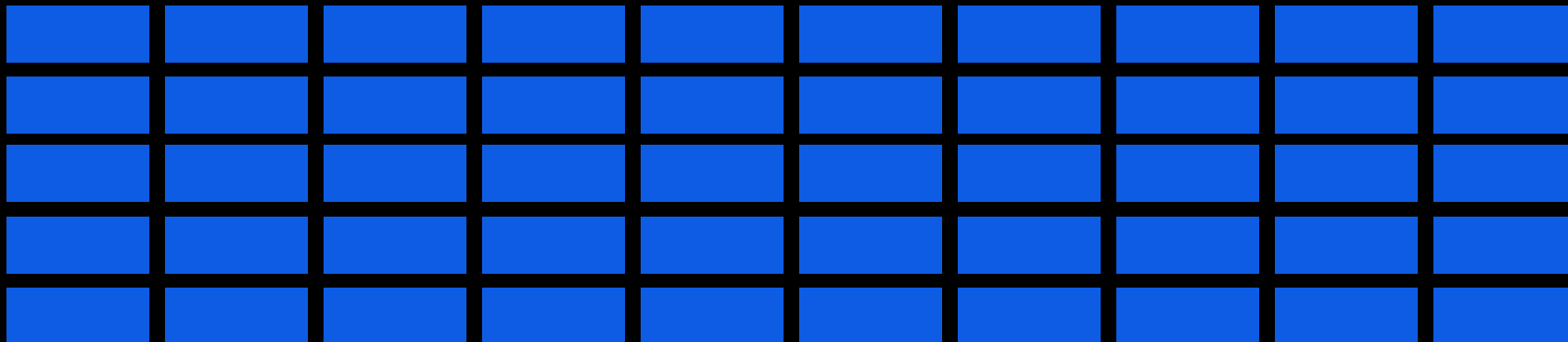
Data is growing at a 40% compound annual rate, reaching nearly 45ZB by 2020.

— Source: IDC





20.8 Billion connected things by 2020



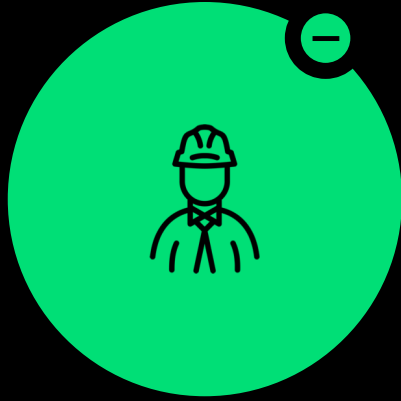
— Source: KPMG



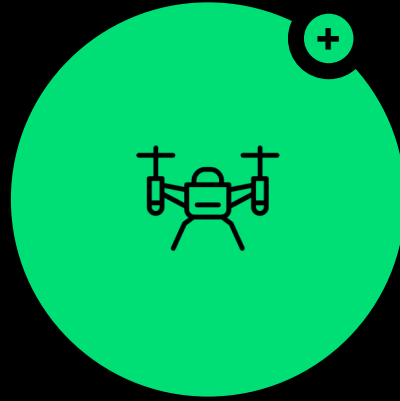


As little as 1% of industrial data gets used

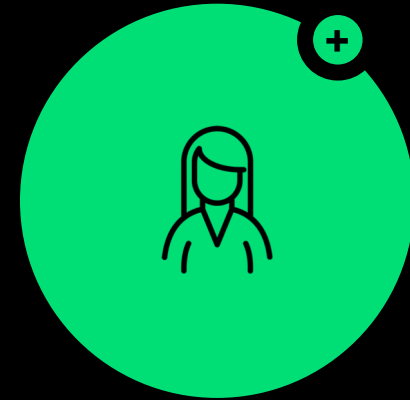




**Aging Industry
Experts**

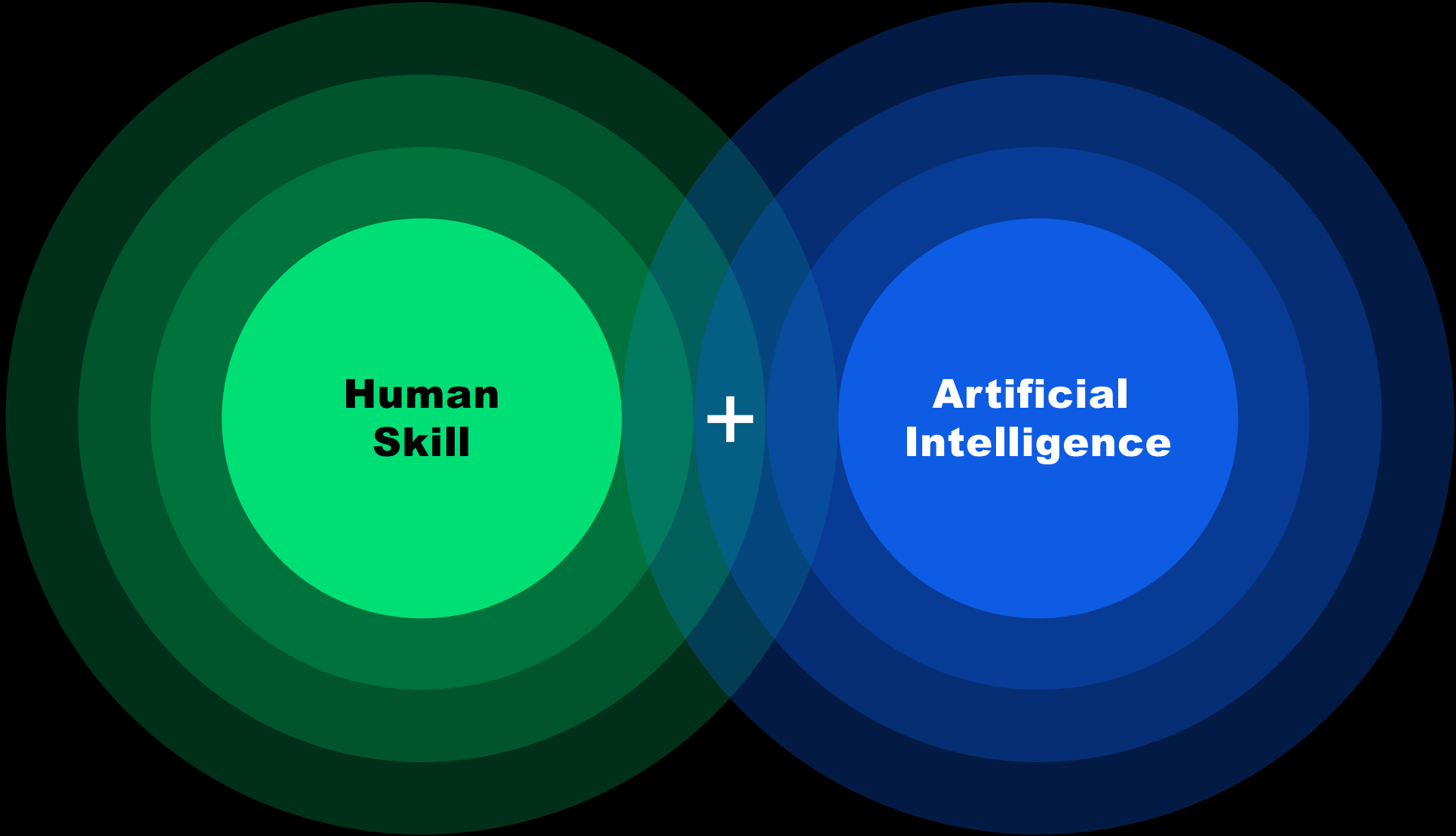


**New
Technology**



**New
Talent**





**Human
Skill**

+

**Artificial
Intelligence**



Why Now?

**HARDWARE
+ SENSORS**

+

**CLOUD
STORAGE**

+

**COMPUTING
POWER**



82%

increase in productivity for those manufacturers who've digitized their processes.

Digitization will enable a

7x

increase in productivity by 2022.



Increases in productivity and quality through digital transformation in manufacturing will add **\$500 billion** to the global economy over the next five years.



76% of manufacturers are already working on smart factory initiatives.

Only 14% feel satisfied with their level of success.





Art Robots

PaaS

Augmentation

Workspace

Blockchain

Vehicles

Personal Analytics

4D Printing

Virtual Reality

Machine Learning

Artificial Intelligence

Smart Data Discovery

Neuromorphic Hardware

Digital Dexterity

Software Defined Anything

Software Defined Security

Quantum Computing

200+ Technologies

Enterprise Taxonomy / Ontology Mgt

Nanotube Electronics

802.11ax

Complex Event Processing

Augmented Reality

Micro Data Centers

Smart Dust

Volumetric & Holographic Displays

Content Delivery Architectures / Service / Brokering

Computer / Brain Interfaces

IoT

Hybrid Cloud Computing

Autonomous

Advanced Analytics

Citizen Data

Smart

Prescriptive

Affective

In Memory

Volumetric

of-Pre

Copy

FIDE



**Artificial
Intelligence**

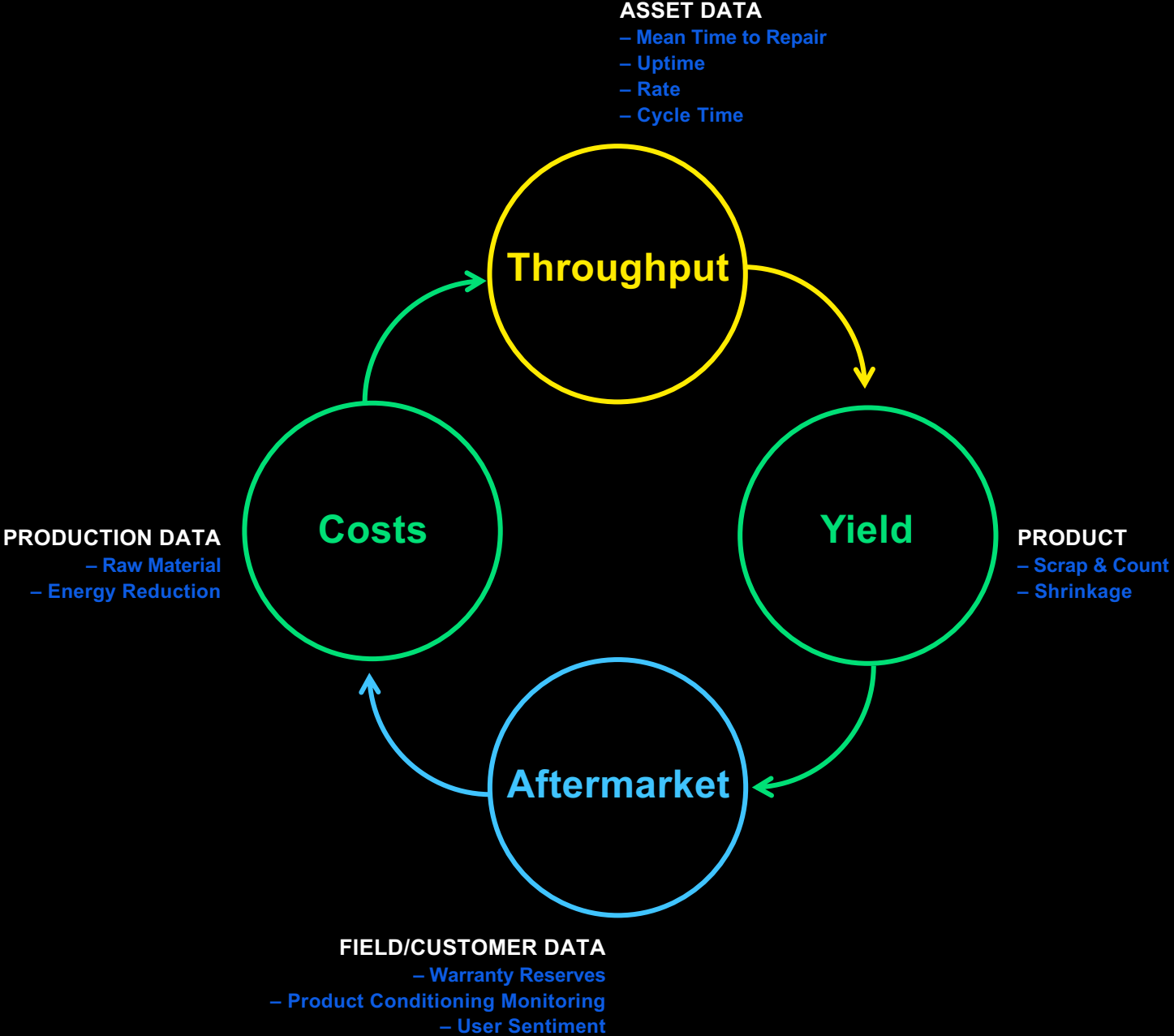


IoT



Uptake Manufacturing

Improving Quality



Plant of the Future

