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

Source: McKinsey
Aging Industry Experts

New Technology

New Talent
Human Skill + Artificial Intelligence
Why Now?

- HARDWARE + SENSORS
- CLOUD STORAGE
- COMPUTING POWER
Digitization will enable a 7x increase in productivity by 2022.

82% increase in productivity for those manufactures who’ve digitized their processes.

Source: American Society for Quality
Increases in productivity and quality through digital transformation in manufacturing will add $500 billion to the global economy over the next five years.

Source: American Society for Quality
76% of manufacturers are already working on smart factory initiatives.

Only 14% feel satisfied with their level of success.

Source: Capgemini, Smart Factories Report
200+ Technologies
Artificial Intelligence

IoT
Uptake Manufacturing

Improving Quality

ASSET DATA
- Mean Time to Repair
- Uptime
- Rate
- Cycle Time

PRODUCTION DATA
- Raw Material
- Energy Reduction

PRODUCT DATA
- Scrap & Count
- Shrinkage

FIELD/CUSTOMER DATA
- Warranty Reserves
- Product Conditioning Monitoring
- User Sentiment

Throughput

Costs

Yield

Aftermarket
Plant of the Future