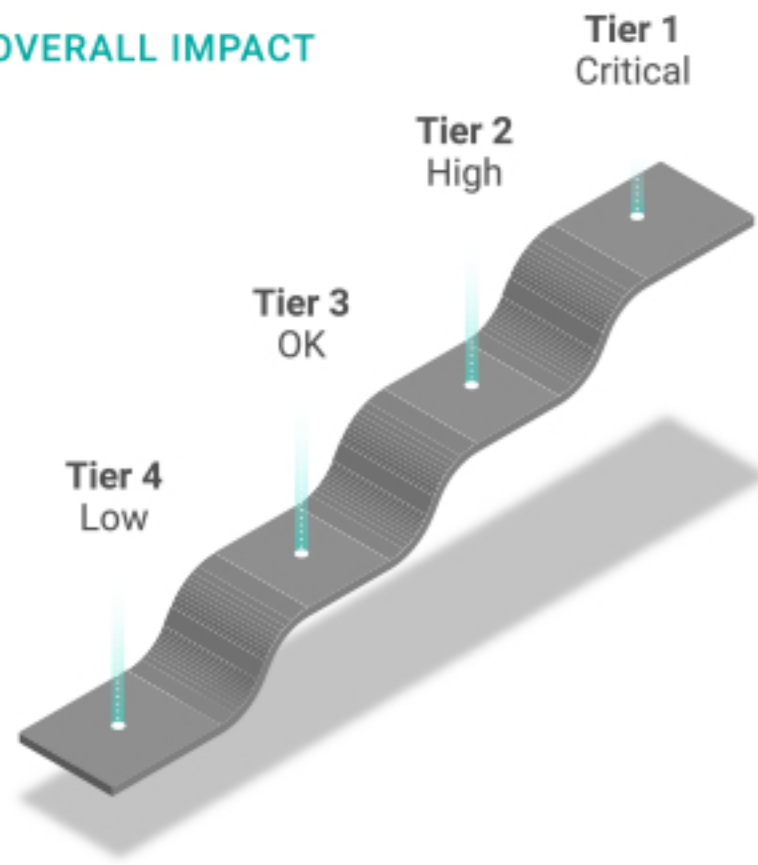# Intelligent Systems
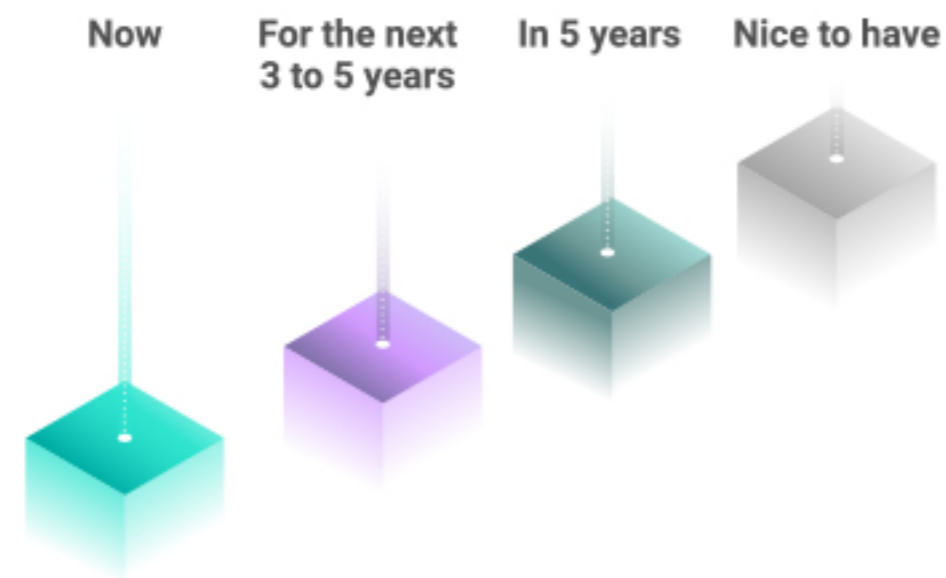
Industry perspectives on the impact and timing of technologies and capabilities

/ Sequencing your intelligent systems blueprints /
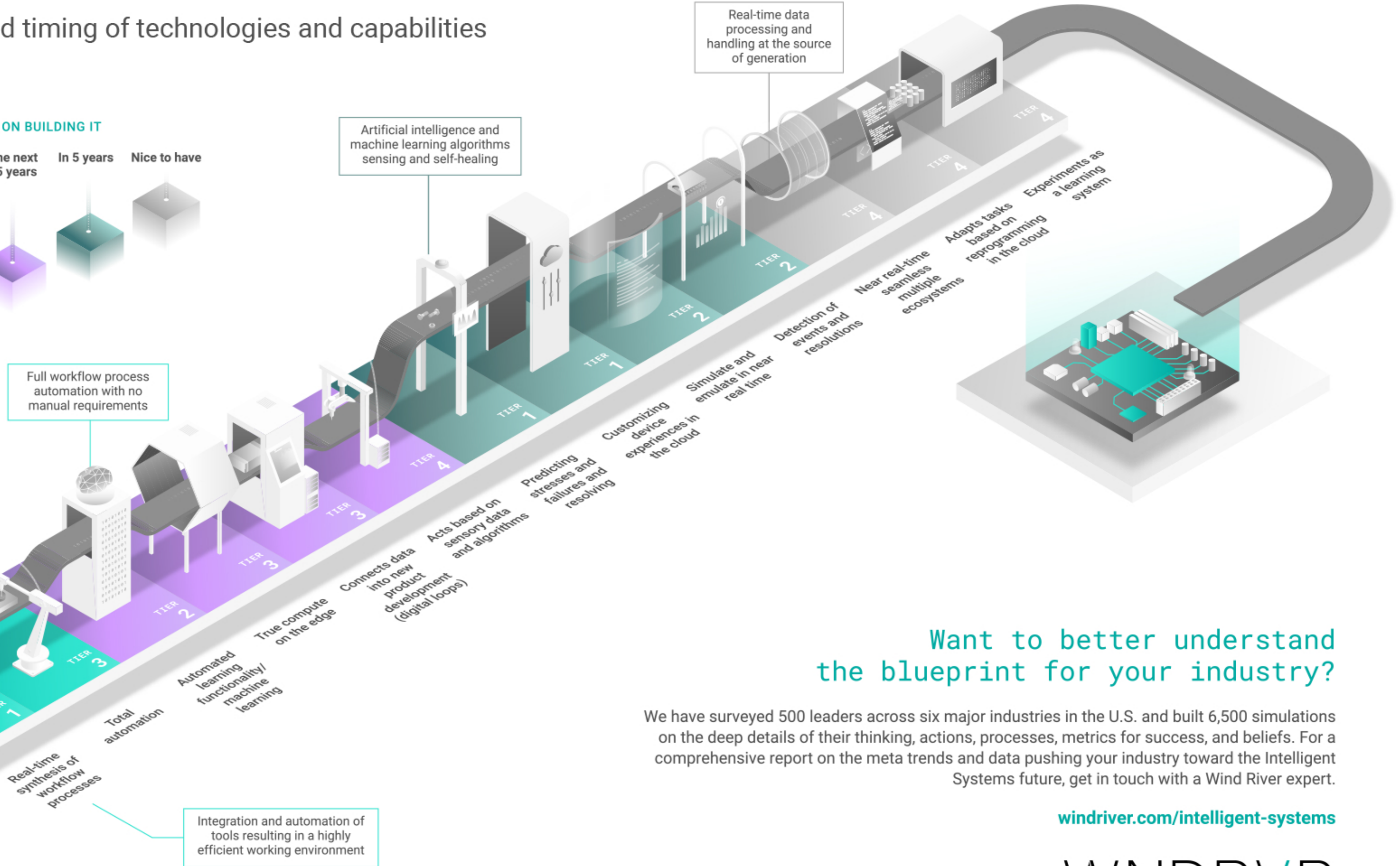
OVERALL IMPACT

- Tier 1 — Critical
- Tier 2 — High
- Tier 3 — OK
- Tier 4 — Low

WHEN TO FOCUS ON BUILDING IT

- Now
- For the next 3 to 5 years
- In 5 years
- Nice to have

Real-time data processing and handling at the source of generation

Artificial intelligence and machine learning algorithms sensing and self-healing

Full workflow process automation with no manual requirements

TECHNOLOGY (MANUFACTURING & HARDWARE)

Experiments as a learning system

Adapts tasks based on reprogramming in the cloud

Near real-time seamless multiple ecosystems

Detection of events and resolutions

Simulate and emulate in near real time

Customizing device experiences in the cloud

Predicting stresses and failures and resolving

Acts based on sensory data and algorithms

Connects data into new product development (digital loops)

True compute on the edge

Automated learning functionality/ machine learning

Total automation

Real-time synthesis of workflow processes

Integration and automation of tools resulting in a highly efficient working environment

Want to better understand the blueprint for your industry?

We have surveyed 500 leaders across six major industries in the U.S. and built 6,500 simulations on the deep details of their thinking, actions, processes, metrics for success, and beliefs. For a comprehensive report on the meta trends and data pushing your industry toward the Intelligent Systems future, get in touch with a Wind River expert.

windriver.com/intelligent-systems

WNDRVR