



AHEAD OF WHAT'S POSSIBLE™

Industrial Automation

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VICE PRESIDENT, AUTOMATION, ENERGY, AND SENSORS

Key Factory Automation Takeaways

Drivers



Higher Productivity
Flexible Manufacturing



Significant Global
Growth in Robotics

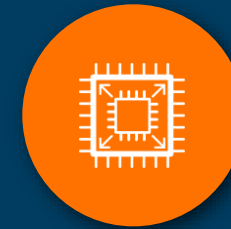


Move to the
Connected Enterprise

Impact



Above Market
Growth



Technology
Expansion

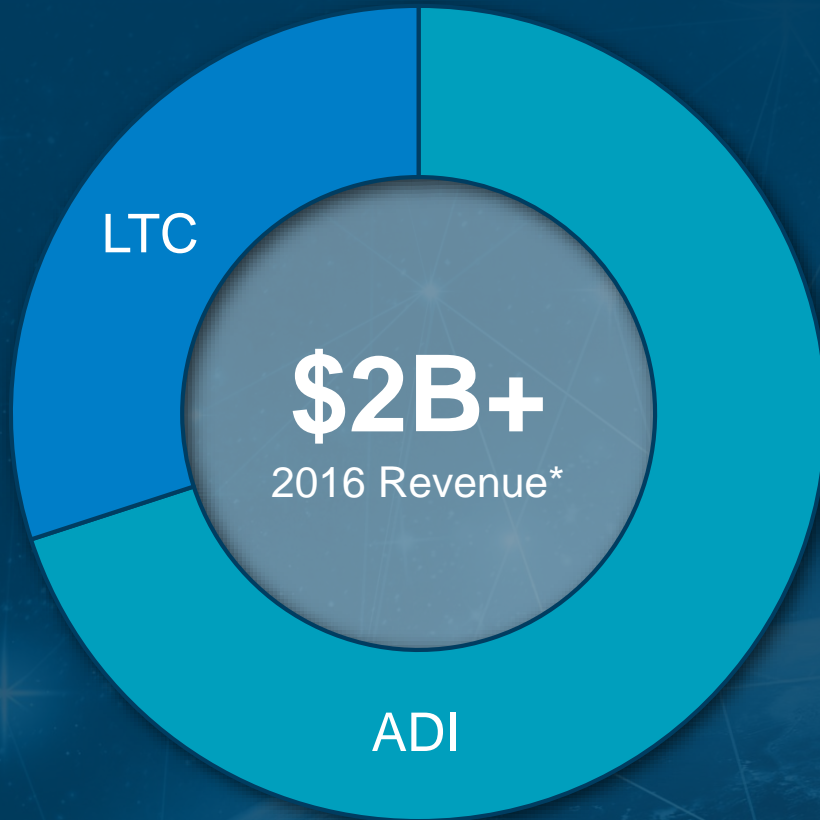


Market
Opportunity
by 2022



Lead Industry
4.0 Transition

ADI's Industrial Business



ADI Has a Long Heritage in the Factory Automation Market

ADI

Deepest Insight
Domain Expertise



Equipment Builders

1,000s of Customers

Diversity

15 to 20 Year Lifecycles

Motor Control



Programmable
Logic Controller



Motion Control



Field Instruments



Factory Floor



Automotive



Food and
Beverage



Power Utilities



Oil and Gas



Pharmaceuticals



Mining



Chemicals



Machinery and
Plant Construction

ADI Controls the Factory Floor



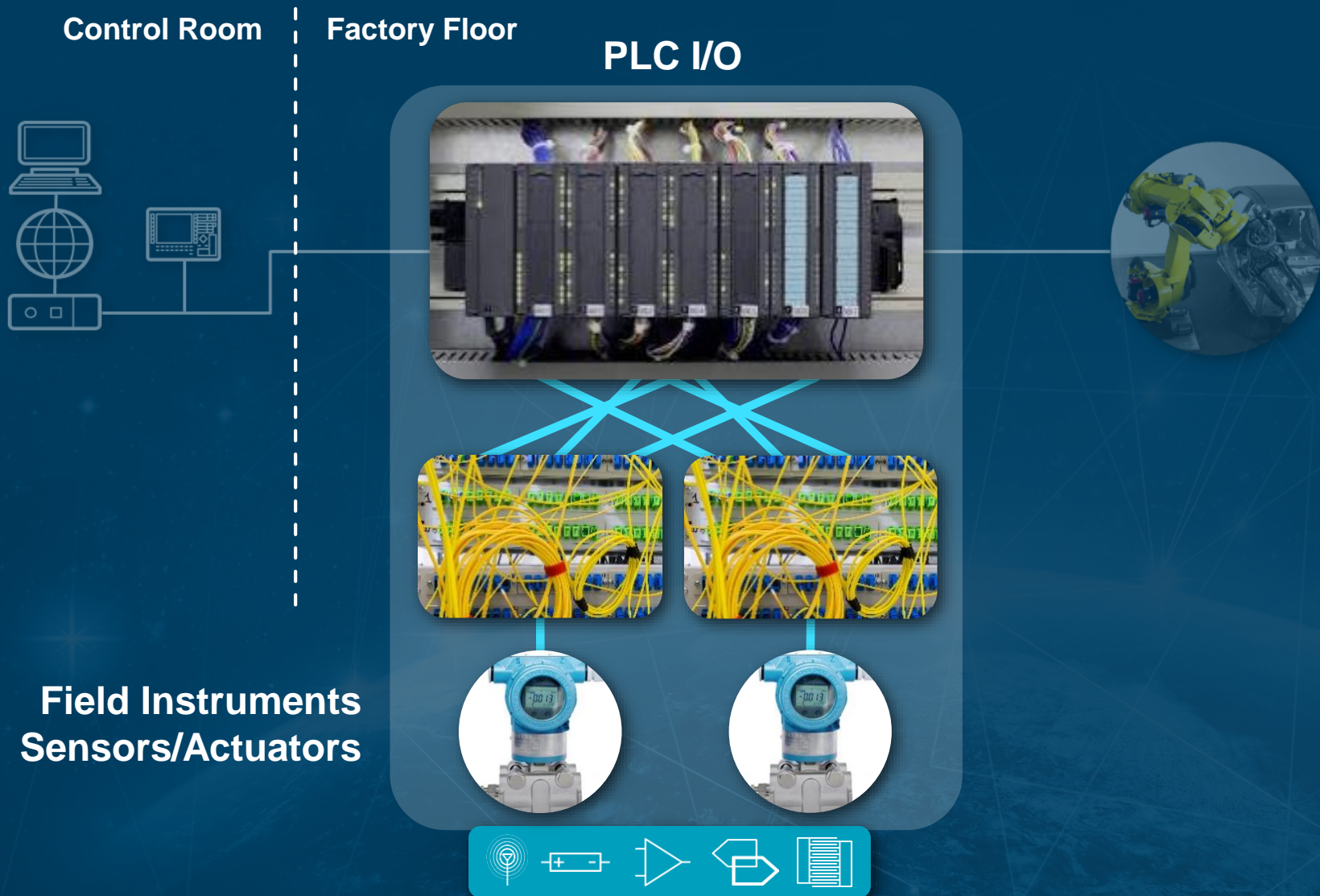
ADI Controls the Factory Floor



Revenue
~\$500M*



Solving the Complexity Challenge with Software Configurable Input/Output (I/O)



Complex and Inflexible

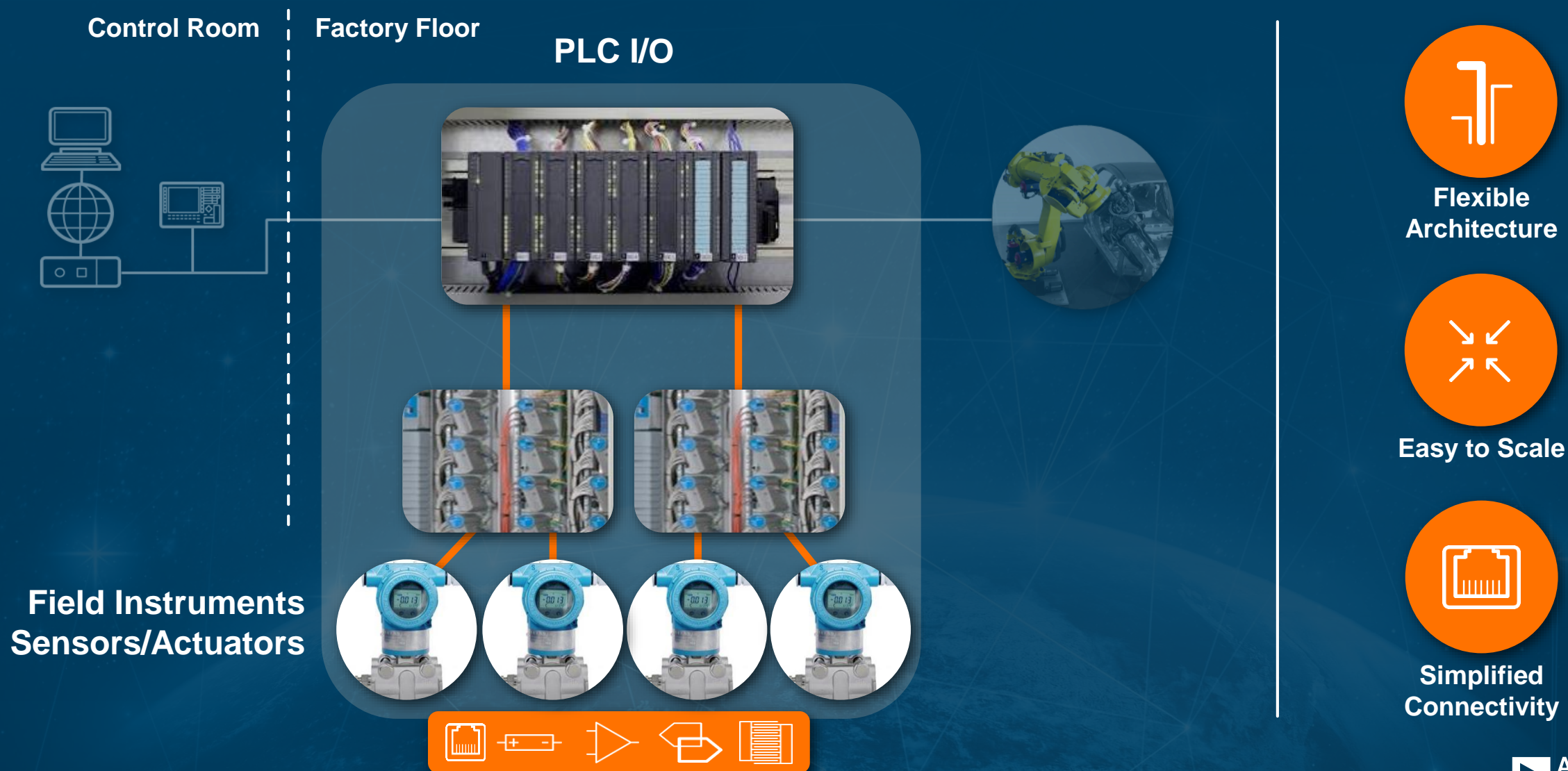


Space Constrained



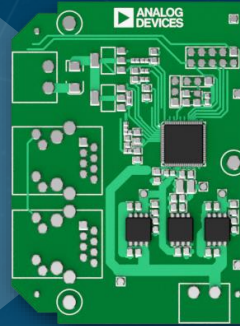
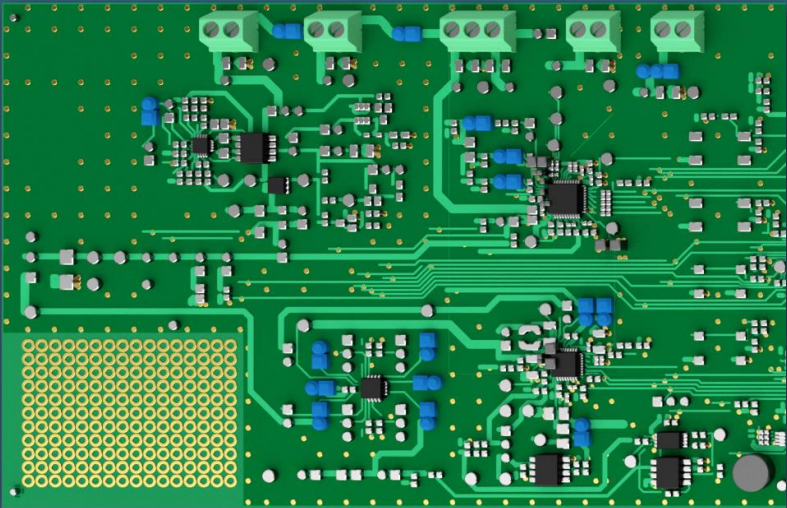
High Cabling Cost

Solving the Complexity Challenge with Software Configurable I/O



ADI's Software Configurable I/O Integration Solves the Space/Power Challenge

>2× Reduction in Size



8

Weeks

Downtime Savings



Factory Floor
Space Reduction



Reduces Cables

\$2M

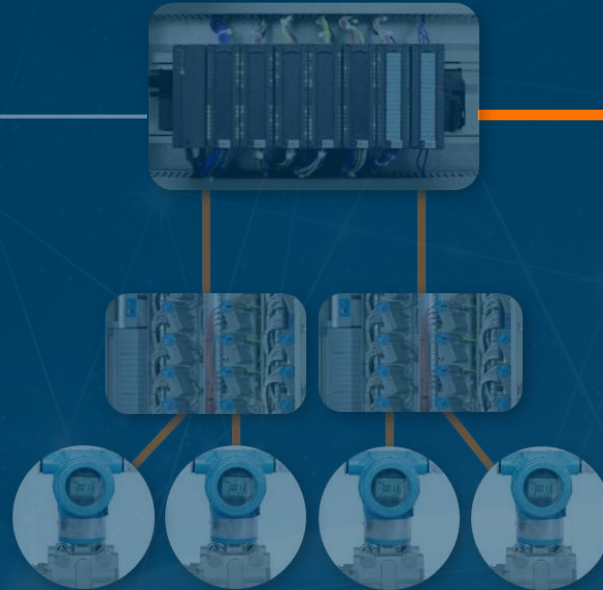
Savings per
Average Installation

ADI: A Leader in Factory Robotics—High Precision Motor Control

Control Room



Factory Floor



Large Robotics
and Motor Control



Cobots

Factory Robotics—Technology Expansion Drives 2× Content Growth

Traditional Robotics



Motion Control
Solutions

Hardware and
Software

Functional
Safety

Today's Robotics



Sensors

Vibration

Ethernet and
Wireless
Connectivity

2×

Content
vs. Traditional

Fast Growing Cobot Market Enables Content Expansion



13%

Annual Growth, Adding More Than 500,000 Systems Annually by 2022

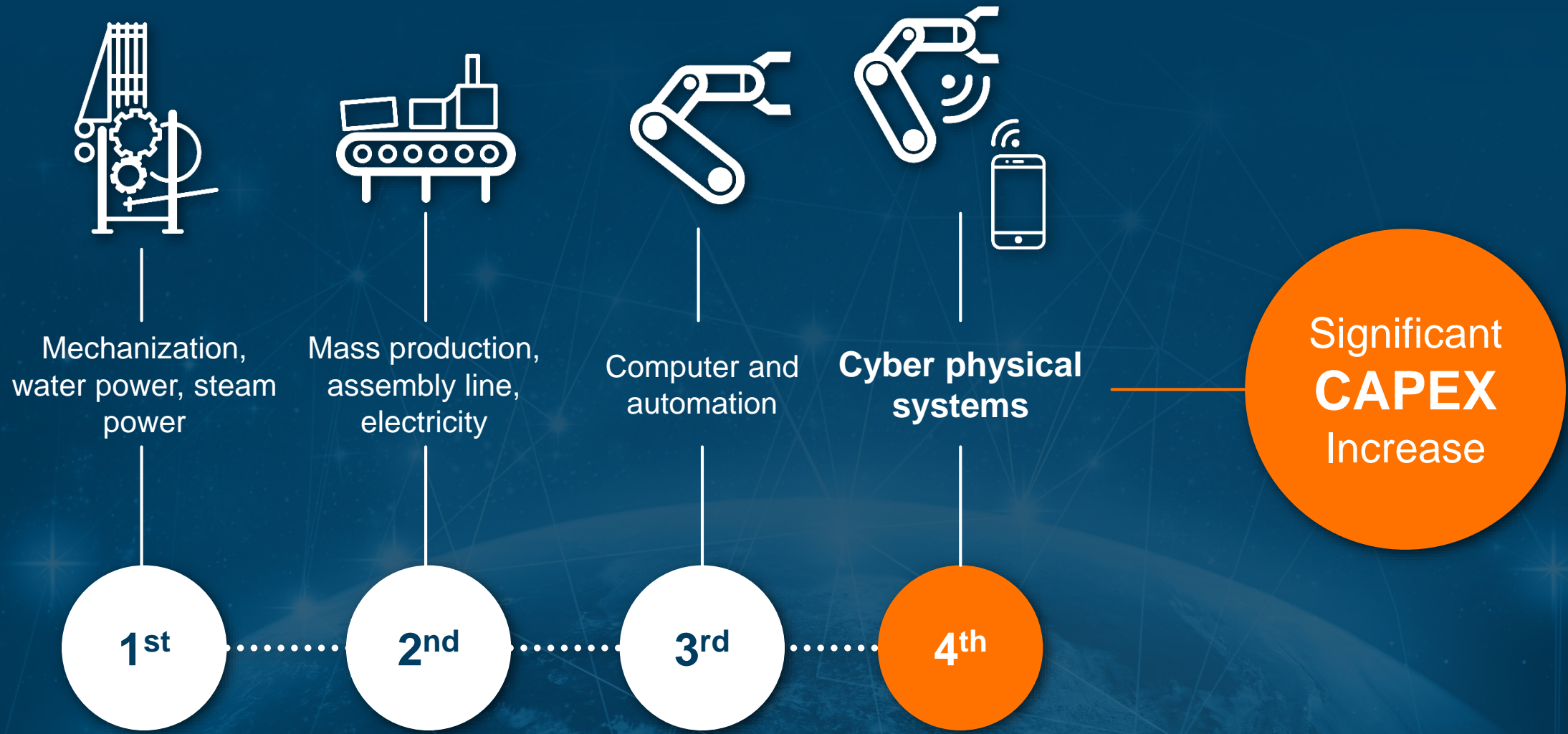
~\$500

Estimated Per Cobot Unit for Control Systems and Deterministic Communications

\$300M

Estimated Robotics SAM by 2022 on Top of Traditional Robotics Market

Industry 4.0 (The Digital Factory/Plant)



Enabling the Transition to the Secure Connected Enterprise (Industry 4.0)

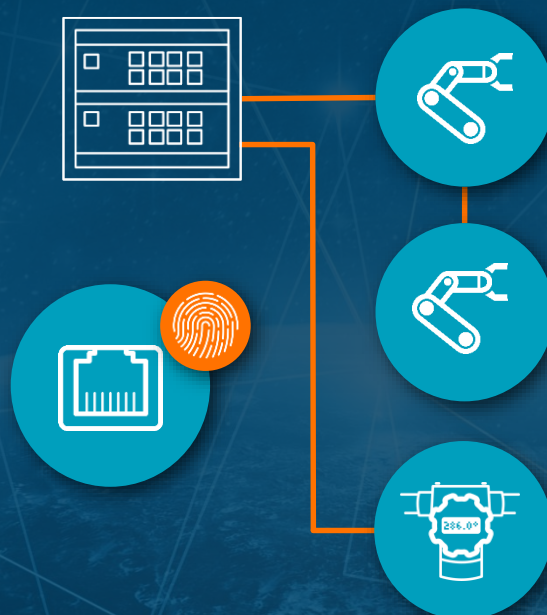
Significant
CAPEX
Increase

Predictive Maintenance



Vibration Sensing

Deterministic Ethernet-to-the-Edge



Cyber Security



Key Factory Automation Growth Drivers for ADI





AHEAD OF WHAT'S POSSIBLE™

Analog Devices 2017 Investor Day

POWERFULLY CONNECTING THE PHYSICAL AND
DIGITAL WORLDS