LATTICE SEMICONDUCTOR®

The Low Power Programmable Leader

Third Quarter, 2019

Safe Harbor

This presentation contains forward-looking statements that involve estimates, assumptions, risks and uncertainties, including statements relating to our expectations about our future systems solutions' capabilities, and the statements under the heading “Q319 Business Outlook.”

Factors that may cause actual results to differ materially from the forward-looking statements in this presentation include those risks more fully described in Lattice’s filings with the SEC including its annual report on Form 10-K for the fiscal year ended December 29, 2018 and quarterly filings.

You should not unduly rely on forward-looking statements because actual results could differ materially from those expressed in any forward-looking statements. In addition, any forward-looking statement applies only as of the date on which it is made. The Company does not intend to update or revise any forward-looking statements, whether as a result of events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

Agenda

1. **Company Overview**
2. Products & Solutions
3. End-Markets & Applications
4. Financials

We Are…

The Low Power Programmable Leader

Lattice Semiconductor Overview

APPLICATIONS & MARKETS

We enable secure control, flexible connectivity, and low power compute acceleration

COMMUNICATIONS & COMPUTING.
30%

cisco
DELL
NOKIA

INDUSTRIAL & AUTOMOTIVE
42%

amazon
BOSCH
SIEMENS

CONSUMER & BROADCAST
28%

Panasonic
SAMSUNG
SONY

WORLD CLASS SUPPLIER

In business and innovating for 35 years

$399M
2018 revenue

1 BILLION+
shipped last 4 years

GLOBAL SUPPORT

LATTICE SEMICONDUCTOR

Lattice Executive Leadership Team

Jim Anderson
CEO

Mark Nelson
Sales

Esam Elashmawi
Marketing & Strategy

Steve Douglass
Research & Development

Glenn O'Rourke
Operations

Sherri Luther
CFO

Byron Milstead
General Counsel

Terese Kemble
Human Resources

Agenda

1 Company Overview

2 **Products & Solutions**

3 End-Markets & Applications

4 Financials

Lattice Value Proposition

Lattice Product Portfolio

BROAD FAMILY OF LOW POWER FPGAs

GENERAL PURPOSE

Addresses a broad range of applications across multiple markets

- Up to 150K LUTs in 10x10 mm csfBGA
- Highest density & lowest power SERDES in smallest package

FPGA FAMILIES TAILORED FOR SPECIFIC NEEDS

VIDEO CONNECTIVITY

Optimized for high speed video and sensor applications

- First FPGA with hardened MIPI D-PHY
- Highest performance at lowest power

ULTRA LOW POWER

World's lowest power FPGAs; Optimized for small form factor

- Sleep current as low as 25uA
- World's most popular ultra-low power FPGA

CONTROL & SECURITY

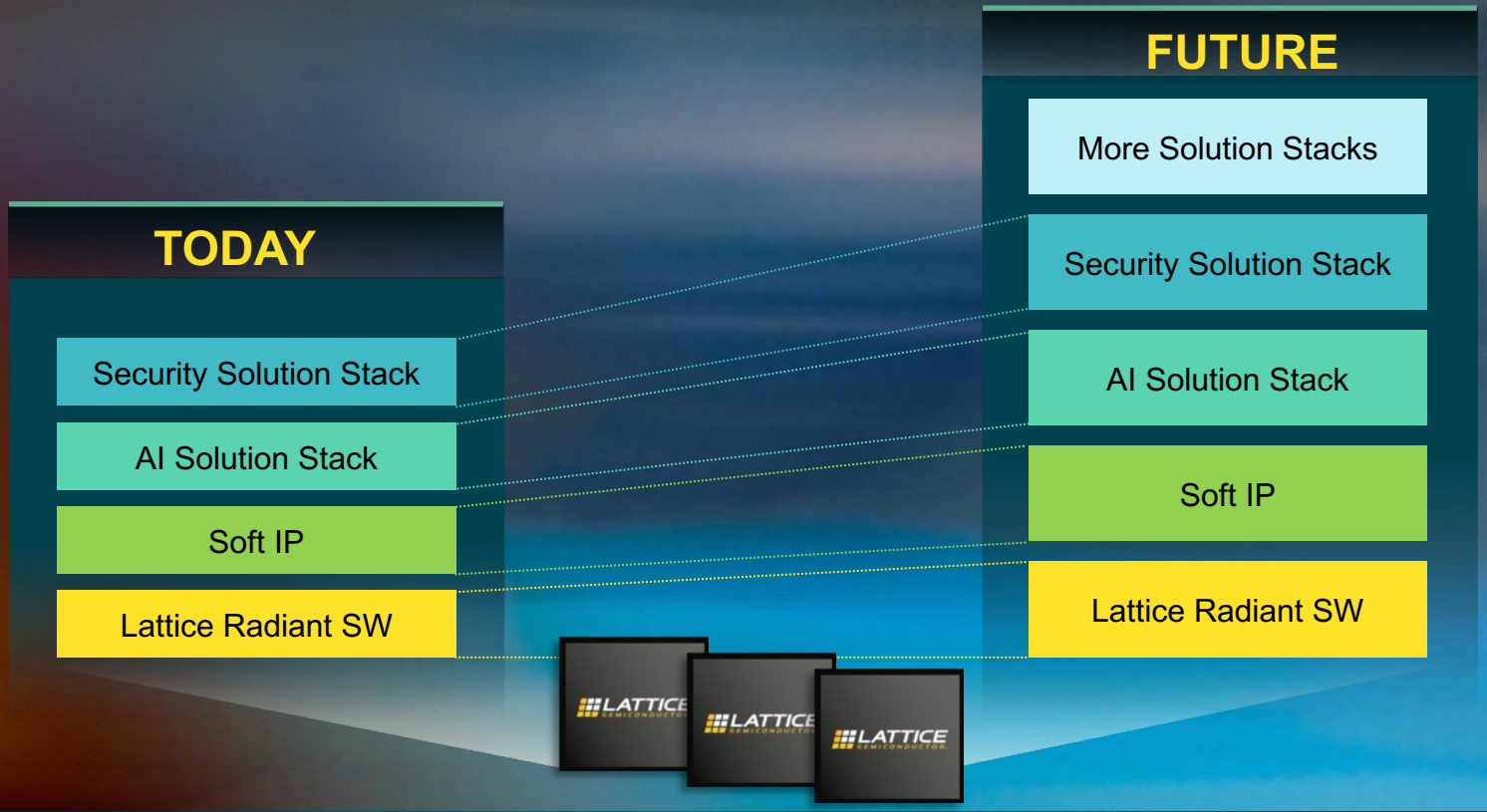
Optimized for platform management & security applications

- 50% market share
- Highest I/O density

LATTICE RADIANT DESIGN SOFTWARE

LATTICE DIAMOND DESIGN SOFTWARE

Lattice's Expanded System Solutions



Bringing Additional Value to Our Customers

New Value Added Solutions

sensAI 2.0

New AI Capabilities

High Performance Inferencing Under 1W
- Lowest power, smallest form factor solutions
- 10X faster real time image processing

Expanded Machine Learning Capability
- Quantized training for faster development
- Keras framework support for broader adoption

Complete Solution Enablement
- Presence detection, object counting
- Increased partner ecosystem

MachXO3D

Robust Platform Security

Secure Hardware
- Root of Trust capability
- First on, last off for maximum security

Designed for NIST Compliance
- Protect, Detect AND Recover
- Secures multiple firmware images

Customer Samples Delivered
- Top server OEMs and Hyperscalers

Radiant

Advanced Ease-of-use

Simplified Flow for Faster Design
- Single design database
- Common timing engine

Increase Re-use With IP Tools
- Create and distribute IP
- Use Lattice Supplied IP

Leading Synthesis and Simulation
- Synopsys Synplify Pro Synthesis
- Aldec Active HDL Simulation

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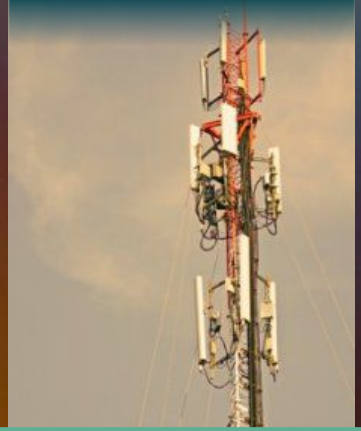
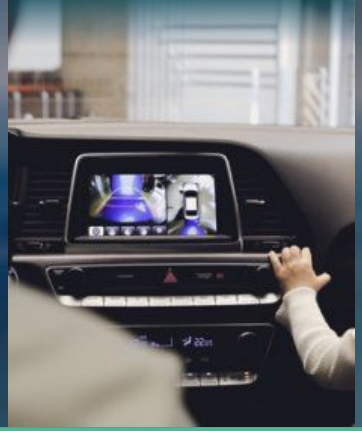
Positioned in Growing End Markets

COMMUNICATIONS	COMPUTE	INDUSTRIAL	AUTOMOTIVE	CONSUMER
				
5G Wireless	Servers	Industrial IoT	ADAS	Smart Home
Switches/Routers	Client	Factory Automation	Infotainment	Wearables

Only Lattice is investing in small, low power FPGAs for these markets

Lattice Solves Communications Challenges

SCALABLE HARDWARE MANAGEMENT

SECURE CONTROL

ASIC BRIDGING

PCIe BRIDGING

Lattice Solves Data Center Challenges

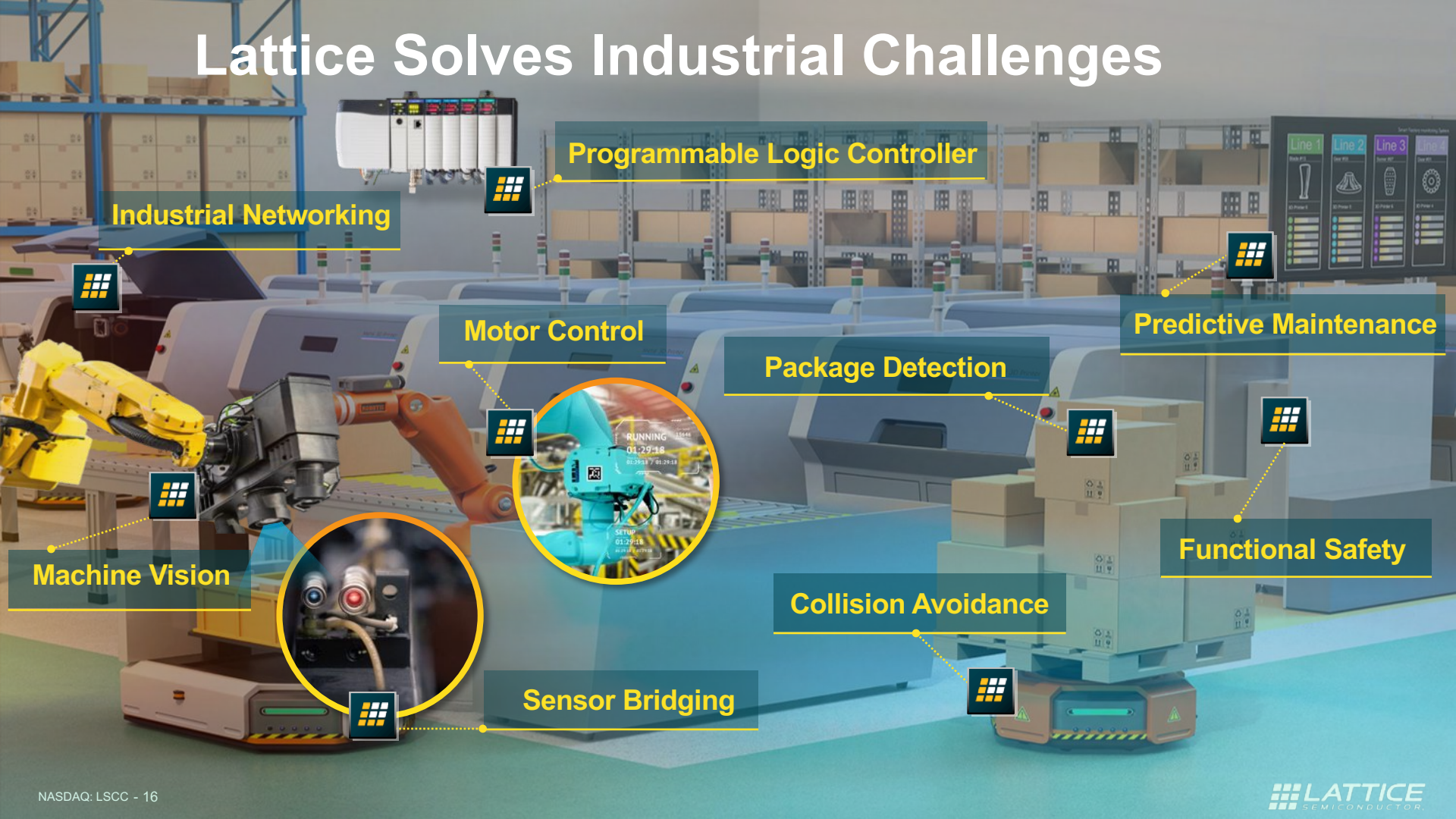
PLATFORM FIRMWARE RESILIENCE

SYSTEM CONTROL

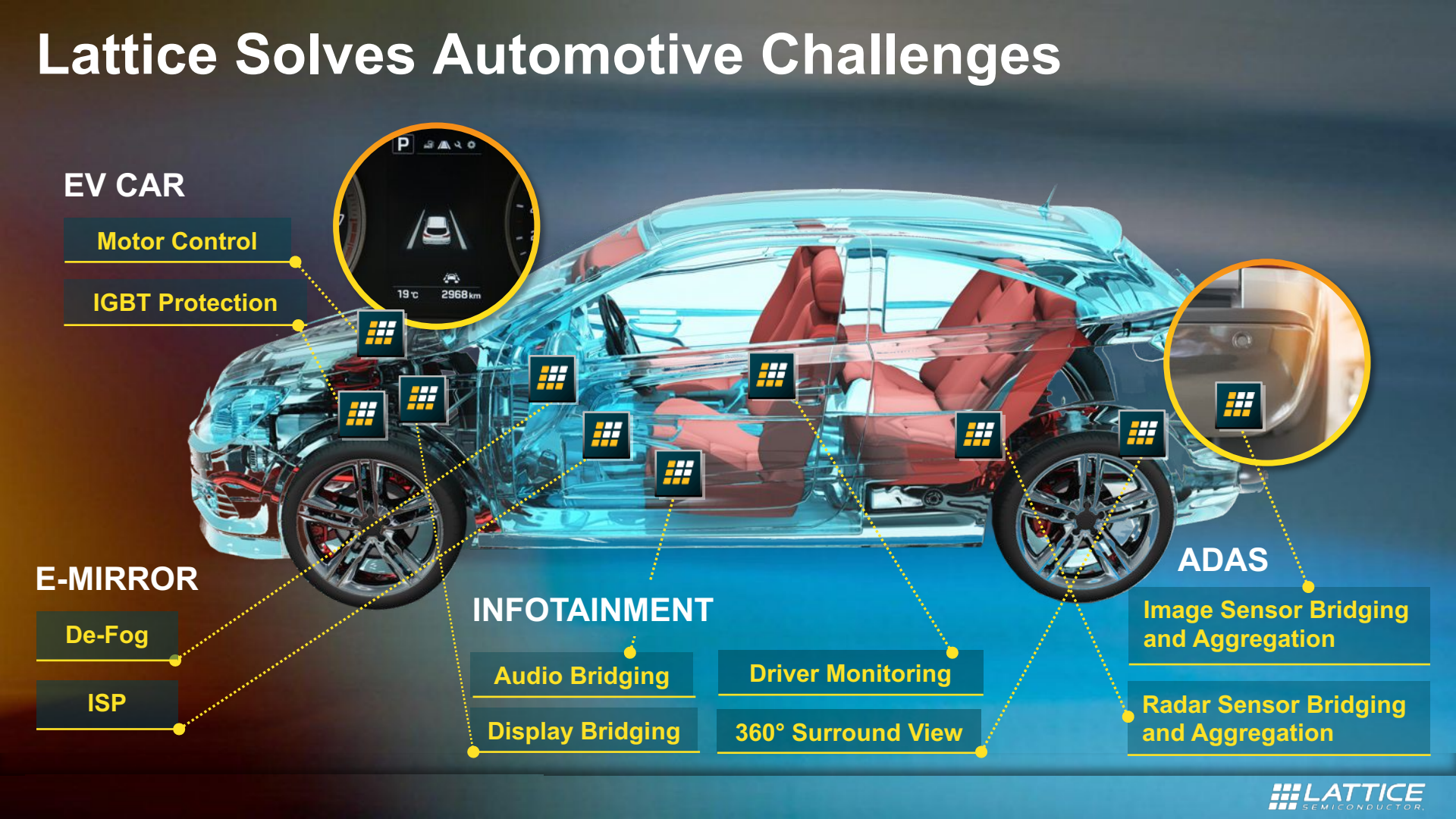
COMPUTE ACCELERATION

POWER SEQUENCING

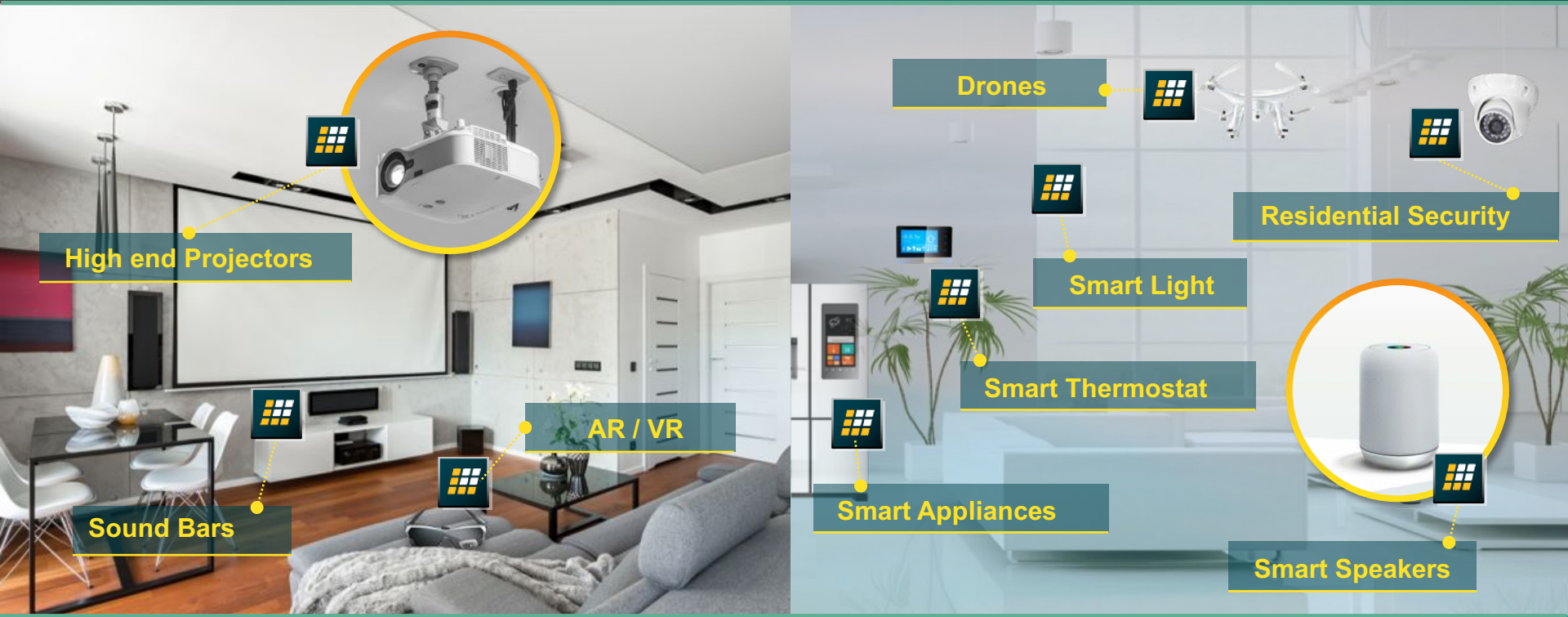
Lattice Solves Industrial Challenges



Lattice Solves Automotive Challenges



Lattice Solves Consumer Challenges



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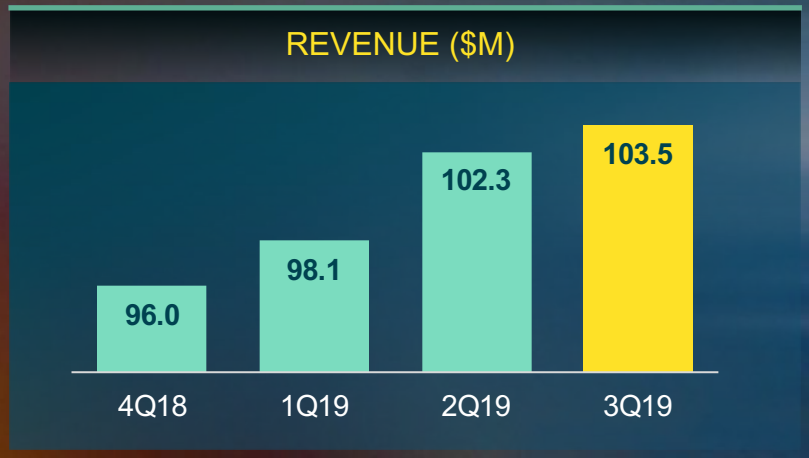
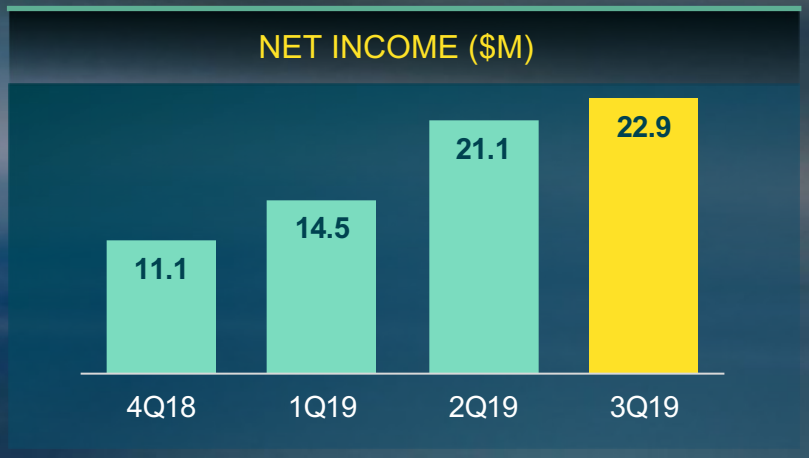
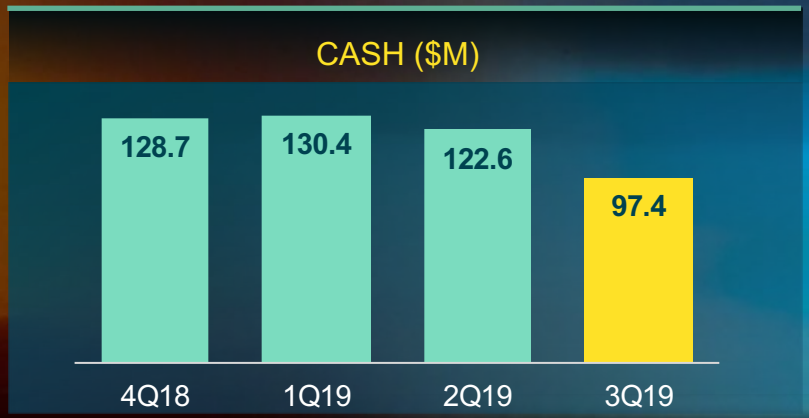
Financial Highlights







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