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ST Sensors & Embedded Tech

Final Closing

Loris Valenti

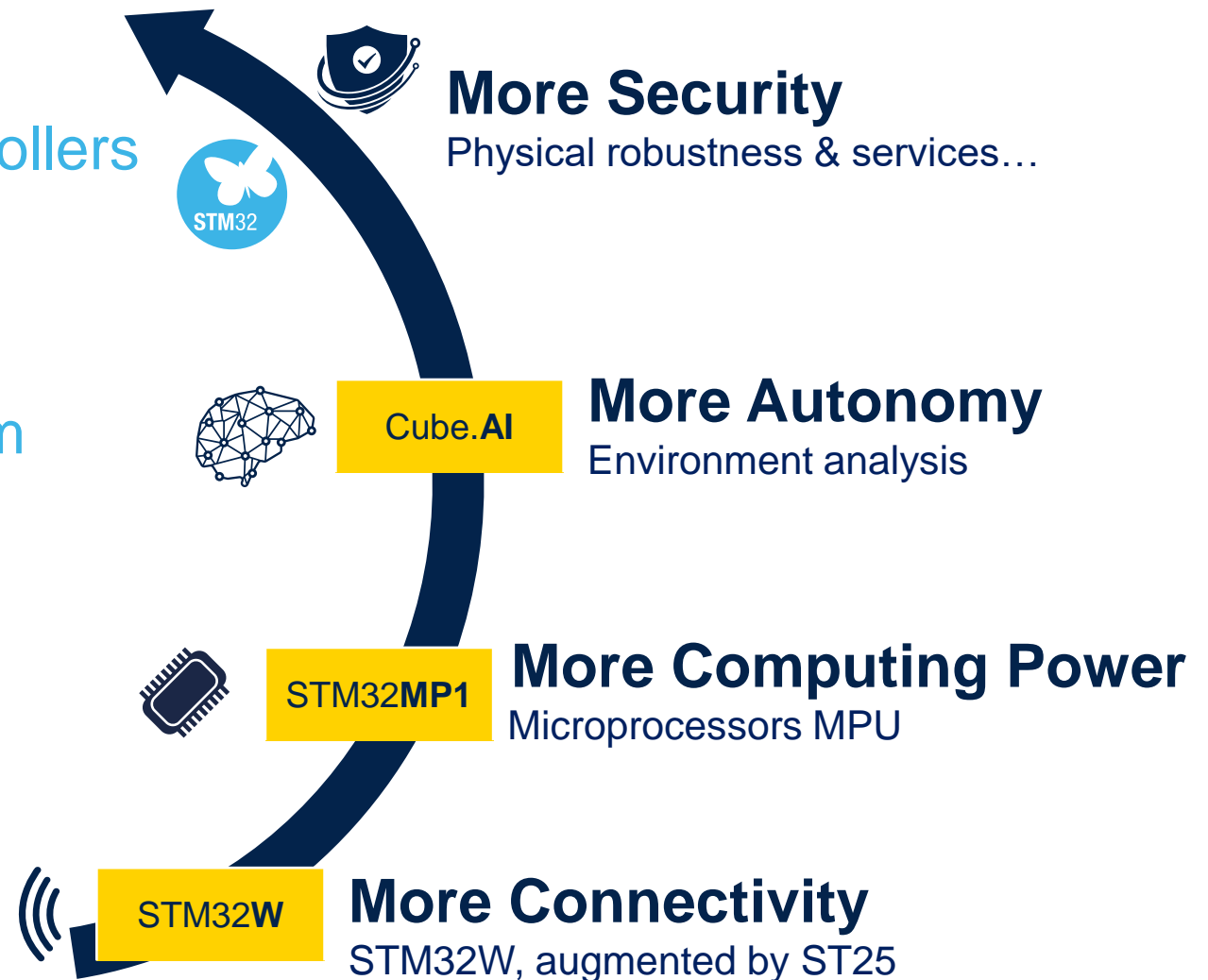
VP Microcontrollers and Digital Products Group - AME

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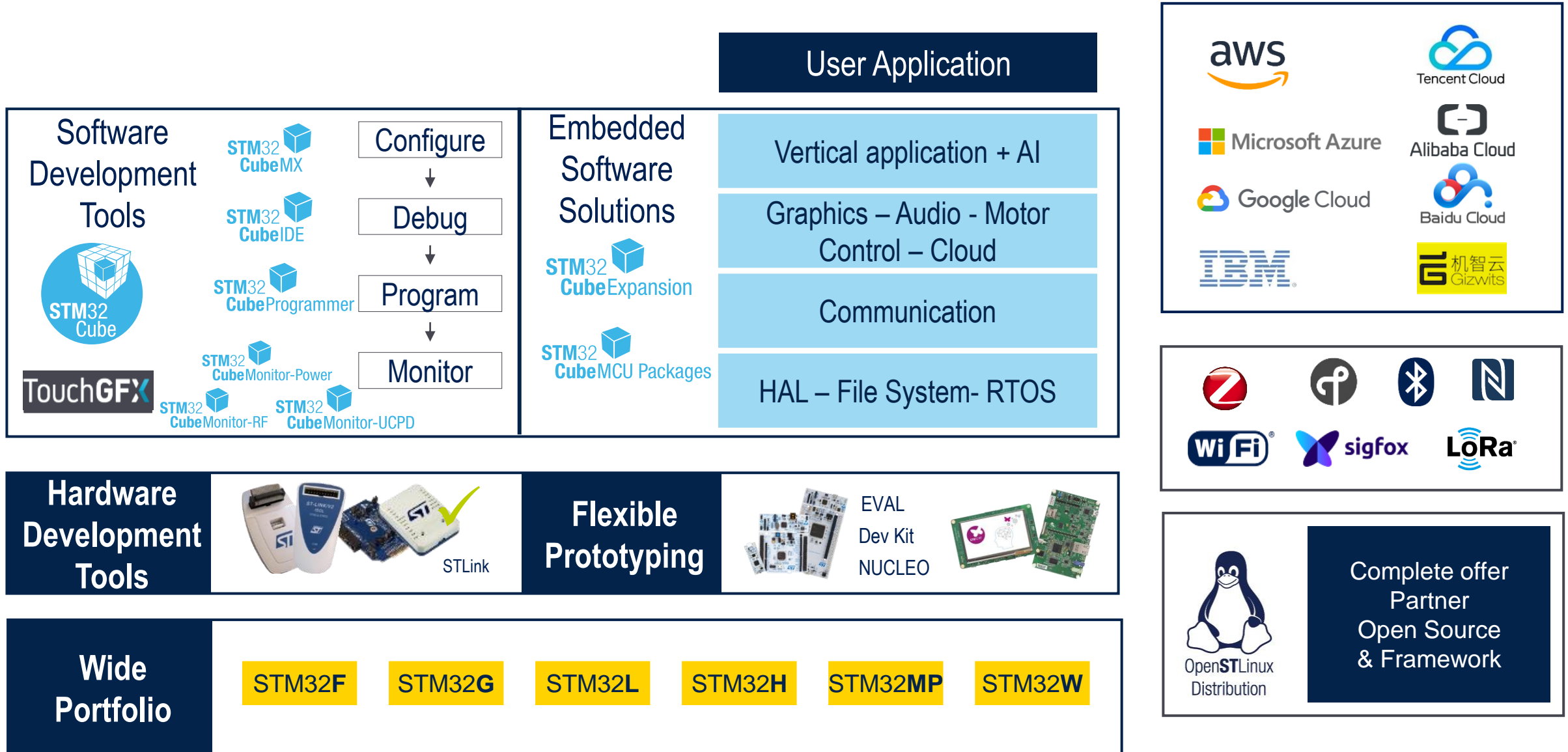
Product vision & strategy

- **General Purpose Microcontrollers**
 - Mainstream
 - Ultra-Low Power
 - High Performance
- **1 Comprehensive Ecosystem**
- **Verticals**
 - Graphics
 - Digital Power
 - Connectivity
 - Motor Control
 - Audio
 - Security



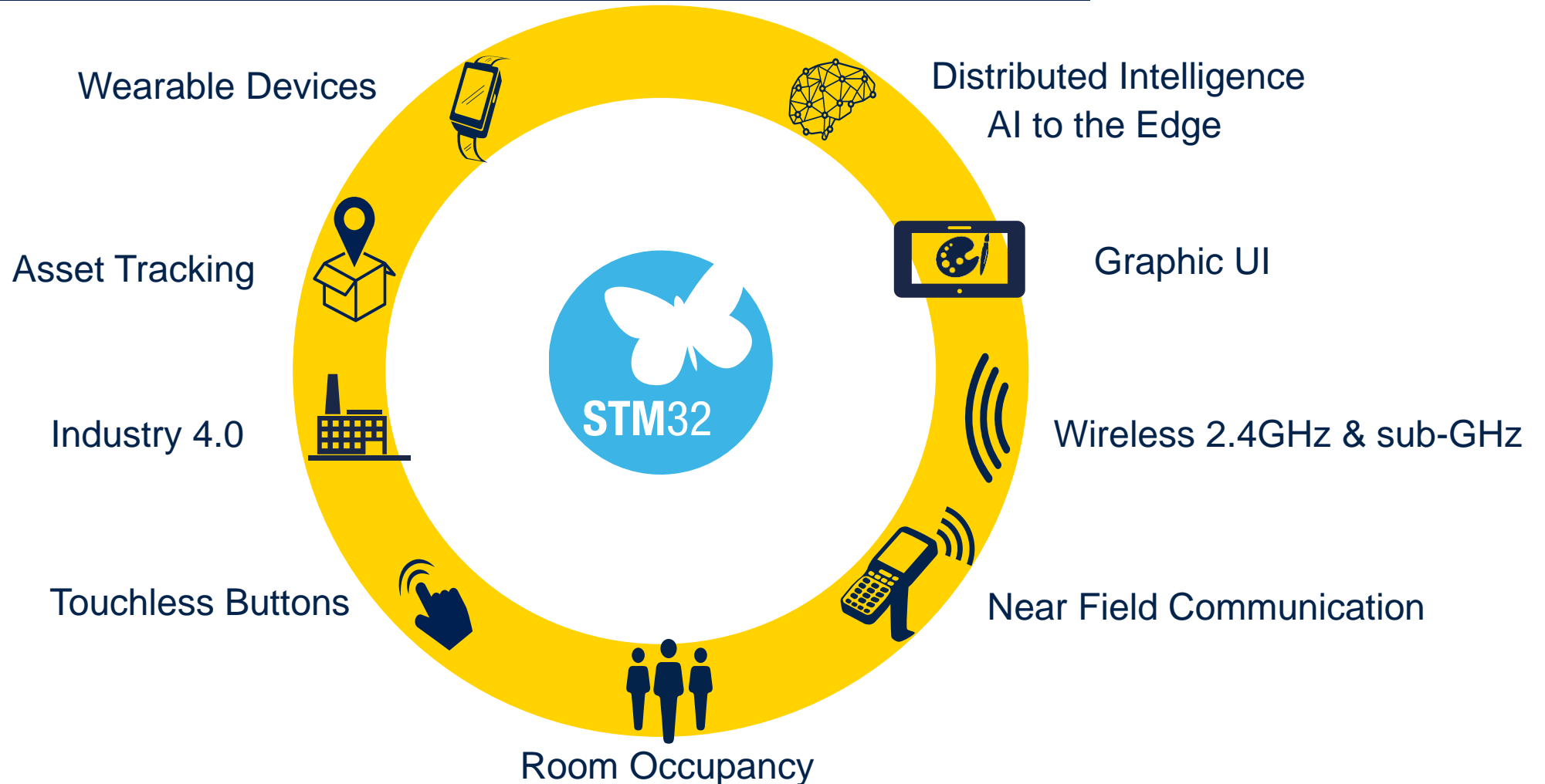


State of the art STM32 ecosystem



ST Sensors & Embedded Tech

STM32 at the center of ST system market initiatives



Additional Opportunities to Connect



On-Demand Conference

Embedded Processing



STM32 Artificial Intelligence Developers Lab

Demonstration of artificial intelligence and machine learning on the STM32 MCU family using ST board Applications demonstrated: human activity recognition, predictive maintenance and several machine face identification, facial expression recognition, image classification & gesture recognition

- Face identification, facial expression, gesture & object detection using STM32H747 and STM32
- Advanced Human activity recognition using SensorTile.Box
- Predictive Maintenance using Cartesiam Nanoedge AI on ST Sensortile

ST parts: [STM32 Cube.AI](#)

- Presentation
- AI Developers Lab @ CES

Internet of Things World

AUGUST 11 - 13, 2020 | 8:30 AM - 5:30 PM PT



PLATINUM SPONSOR

IoT World Virtual Conference & Expo

- **8 Tracks of Content** (ST participation)
- **Many Networking Opportunities:**
 - Schedule Video meetings
 - Live chat with our product experts
 - Video chat with VIP's in Networking lounges
 - Attend Speaker Roundtables and Q&A Sessions

• **August 11**

- **Industrial IoT**
- 5G & IoT Connectivity
- Edge Computing & AI
- **Developing for IoT**

• **August 12**

- **IoT Security**
- **Smart Environments**
- Business Resiliency
- Smart Mobility

Thank you

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