

# ST offers for Smart Meter

## 2° SMART UTILITY OPEN METER

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STMicroelectronics

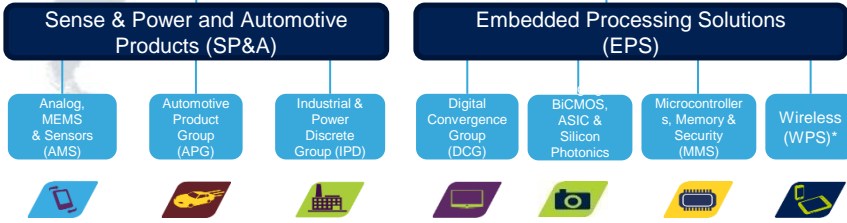


# STMicroelectronics

12 manufacturing sites  
79 sales offices  
in 35 countries

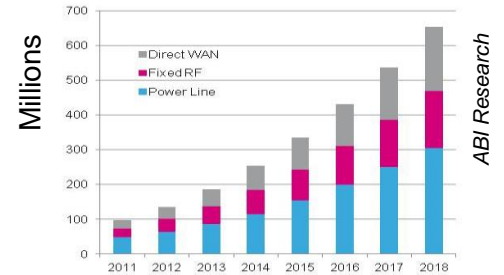


A world leader in providing the semiconductor solutions



# ST is a pioneer in Smart Meter

- Broad Smart Meter system know thanks to 20+ years proven partnership with key Smart Grid players worldwide
- Over 60 Millions PLC and metering SoCs installed
- Driving Smart Grid Standards worldwide



- The most highly integrated, secure and flexible SoC platform solutions in the market

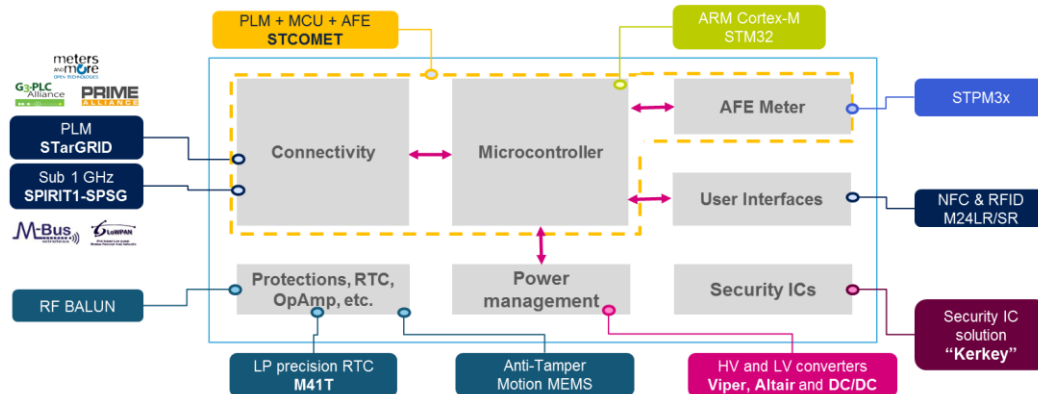


# Smart Electricity Meters

- Accurate Energy Measurement
- Operating cost savings
- Invoice on real consumption
- Enhancing customer Awareness
- High Performance and Low cost MCU

- Connectivity for AMR/AMI
- Standard Protocol :

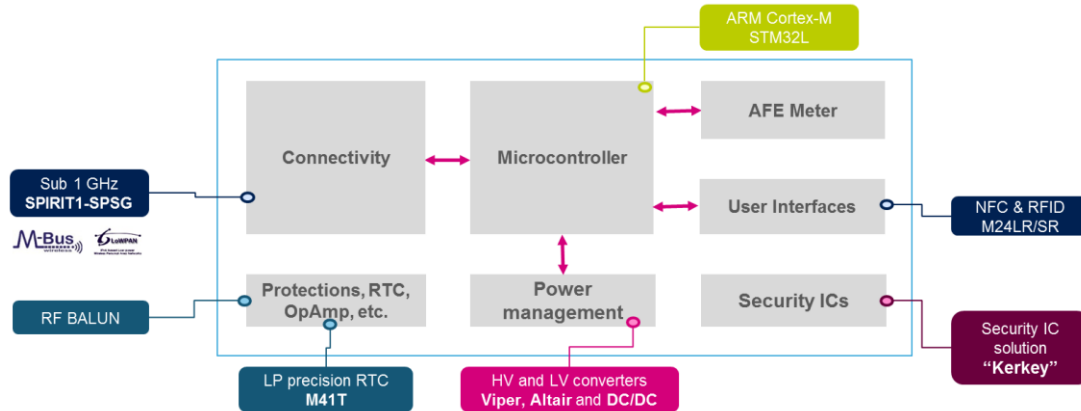
- Meter&More,
- PRIME,
- Linky,
- G3



# Smart GAS and WATER Meters

- Accurate Flow Sensing
- Maintenance Cost Saving
- Pre-paid System
- Valve control- earthquake alert

- Ultra Lower Power System for Long Time Battery Life
- Automatic Meter Reading
- RF connectivity
- WMBUS protocol

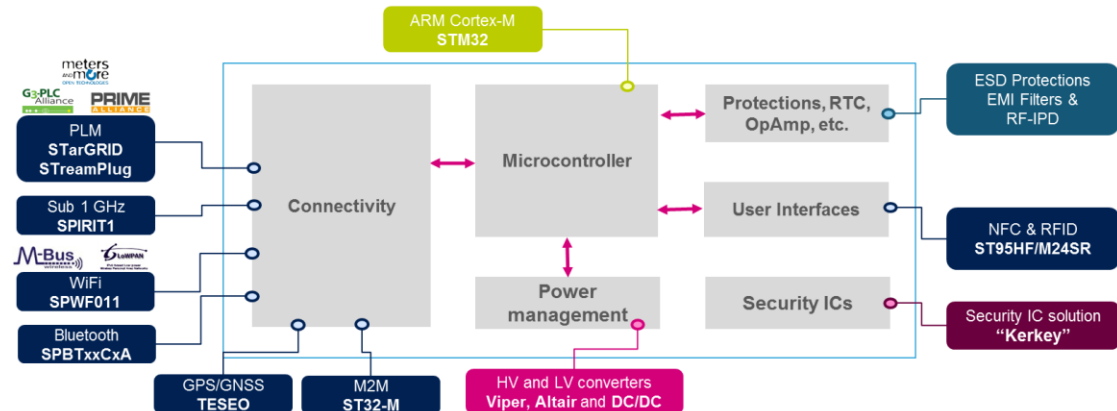
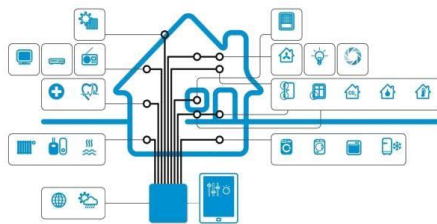


# Gateway & Bridge

## Target Scenario:

- Street Lighting
- Smart Meter
- Smart Home
- Smart Sensors Node

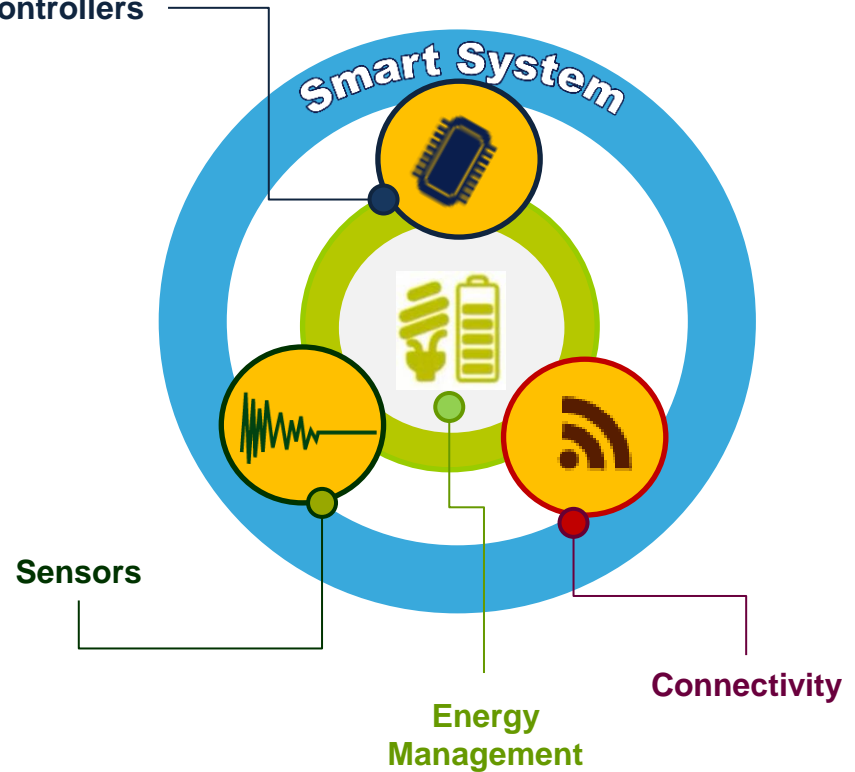
- Automation Monitoring and Control
- Surveillance/Monitoring Assisted living
- Energy Monitoring and Control
- Environment Sensor Monitor
- Remote Lighting Control
- Security and Safety



## ST has all the ingredients:

- A unique portfolio with all the key technologies & products
- Understanding the sensor-to-cloud value chain
- Engaging with a broad ecosystem
- Expertise in digital-security technologies
- State-of-the-art semiconductor technologies and high-volume production capabilities

Microcontrollers



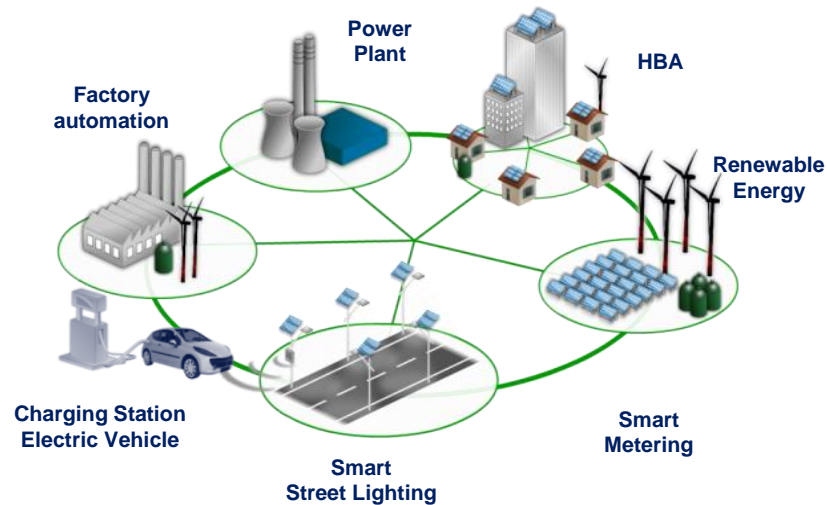
## Takeaways



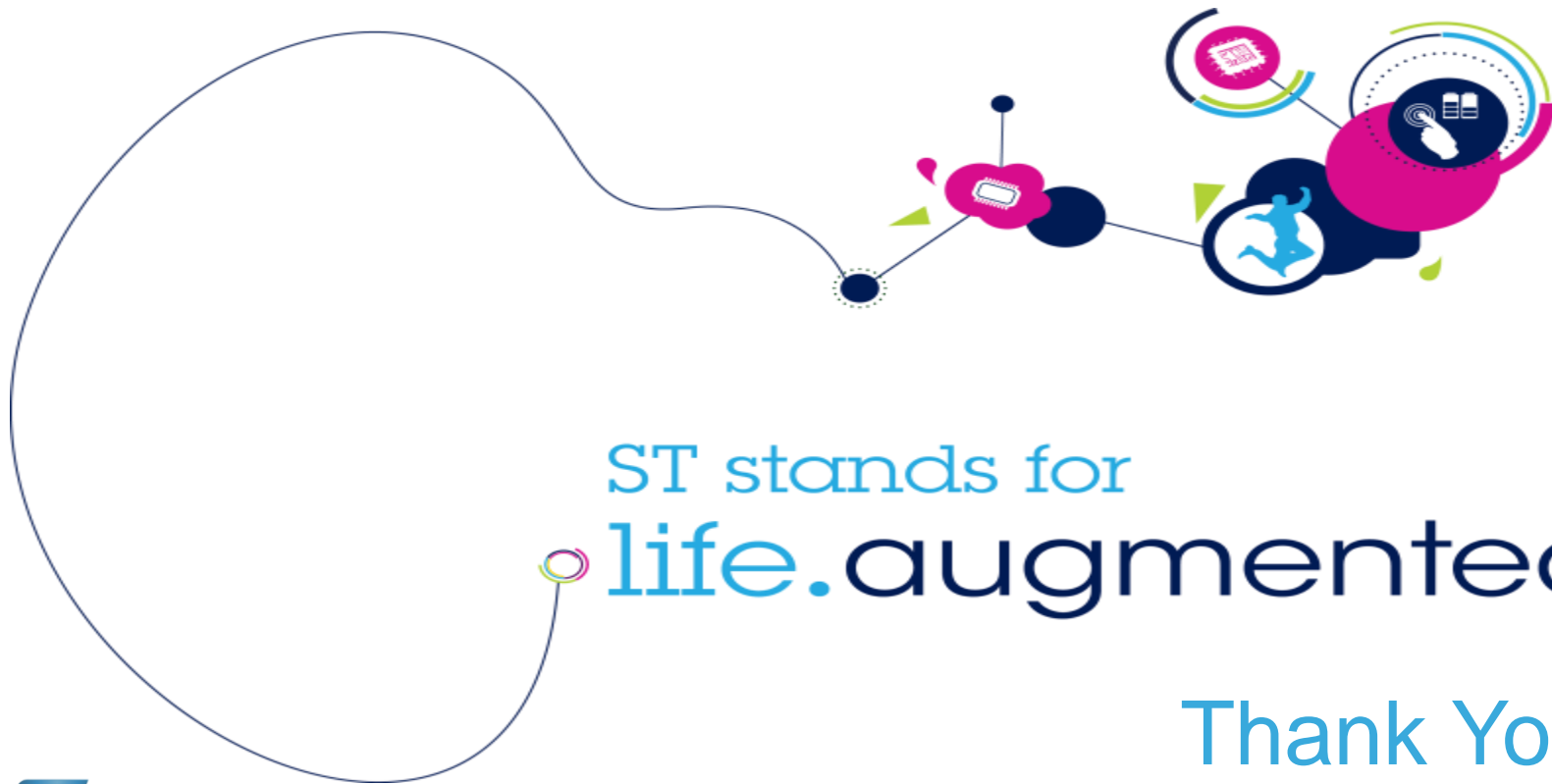
The Smart City trend is evolving quickly from one-off projects impacting single-function applications, such as smart meter, street lighting or traffic flow, to large-scale, municipal capital investments integrating multiple city services and departments

ST has the right **processes** and the right **enabling technology** to meet the need of Smart Cities.

Long term and well **established partnership** with key market leaders, enable their products to meeting existing and address future technology needs







ST stands for  
**life.augmented**

Thank You