

SMART FACTORY AUTOMATION

RESPONSIVE, SELF-MAINTAINING, CONNECTED MANUFACTURING

The Global Smart Factory Automation market in the manufacturing sector is projected to grow at a CAGR of 13.3% to reach \$994.0 bn by 2023.

**\$533
BILLION**
2018

CAGR
13.3%

**\$994
BILLION**
2023

On average, companies adopting Smart Factory Automation solutions are expecting cost savings between

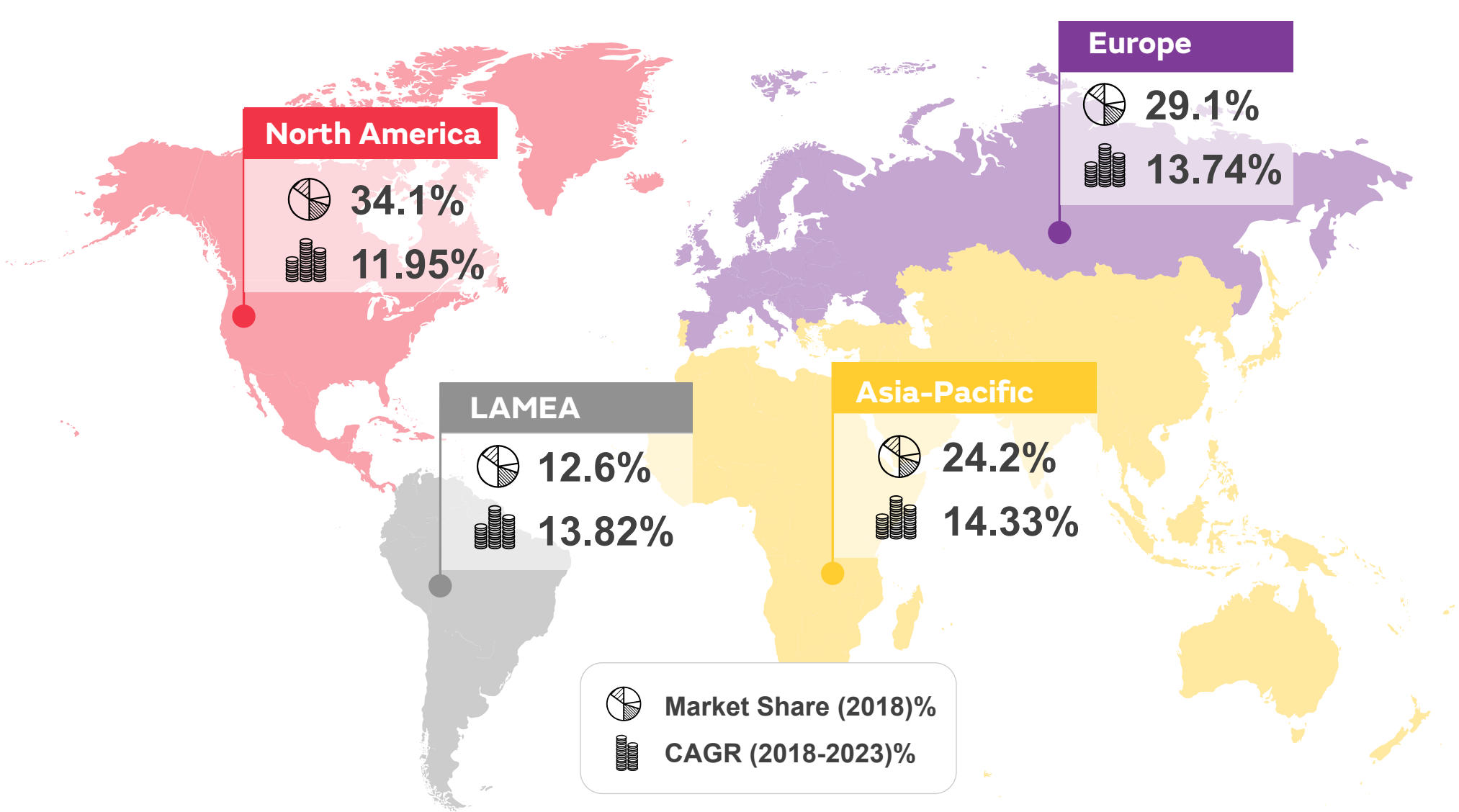


15% - 20%

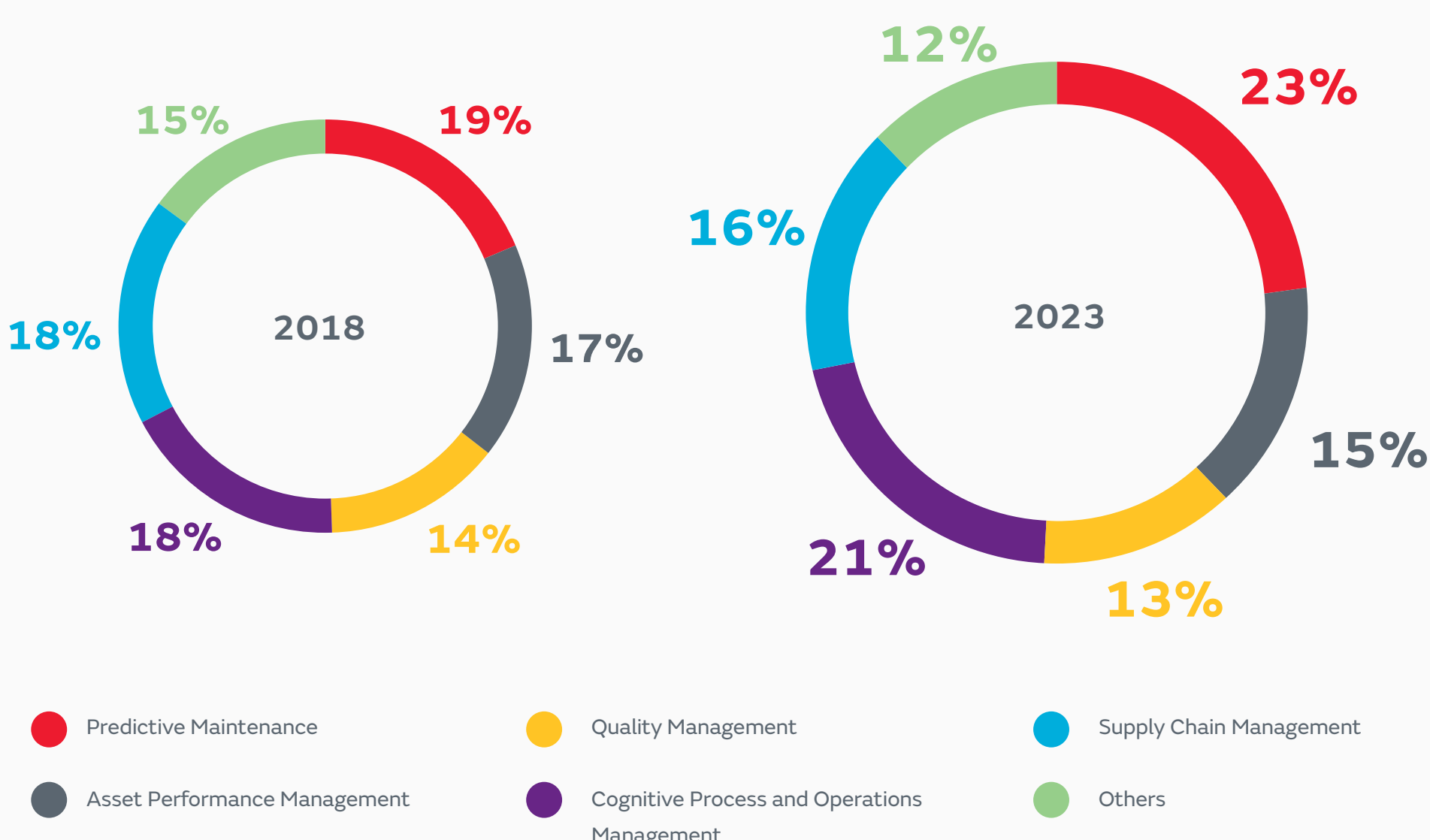
The main segments in the Smart Factory Automation industry are

- Hardware
- Software
- Services

Global Smart Factory Automation Market (By Geography, 2018-2023)



Global Smart Factory Automation Market (By Application, 2018 - 2023)



DRIVERS

Real Time Asset Monitoring

Real time asset monitoring has increased drastically specially in the manufacturing industry. The ability to instantly notify users of any safety or delivery shortcomings.

Low Cost of Ownership

Integration of smart sensors into industrial machines has increased cost efficiency by 50% and is expected to increase savings further.

Need to Lower Cost and Improve Efficiency

The advent of adapting to Smart Factory Automation via connected devices has enabled manufacturers to lower resource consumption and increase productivity.

OPPORTUNITIES

Technological Maturity Growth

The digital age has redefined factories with 86% out of 2000 factories expect to see cost reductions and revenue gains through the digitization in Smart Factory Automation.

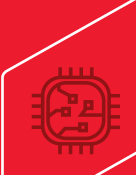
A Connected Operational Intelligence

Manufacturers gets a bird's eye view of production to minimize manufacturing defect by leveraging Smart Factory Automation in production and operations.

Adoption of Cloud-based Deployment Model

Leveraging cloud based services in the manufacturing industry across the APAC region is among the various smart factory automation solutions that manufacturers are opting.

The Growth of Smart Factory Automation Application in the Manufacturing Industry Through Murata Solutions



Sensor Nodes and Gateway



BLE Tracking System (OWLIQ™ Tracking)



RFID Solution



LPWA Modules