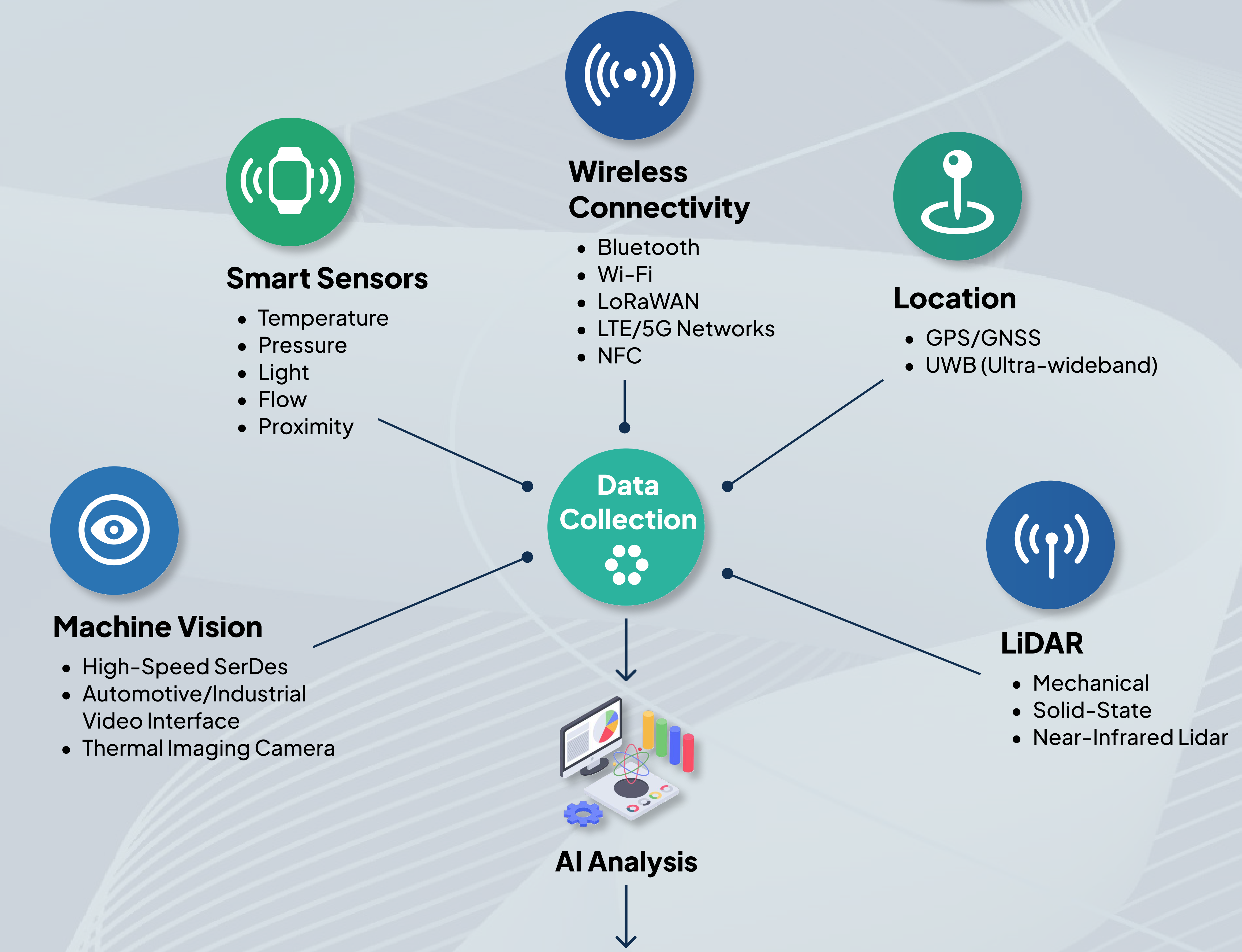


From Data to Decisions: How IIoT Transforms Industry

Amphenol RF Interconnect Turns Data into Action



Asset Tracking / Management

IoT, RFID, GPS and AI streamline operations reducing errors and optimizing resource utilization.

Autonomous Mobile Robots

Material handling robots safely navigate warehouse and production facilities avoiding personnel and objects.

Autonomous Forklifts

These modern forklifts automate transport, lifting, and stacking with AI, sensors, and autonomous navigation.

Drones

Inventory, order fulfillment, and inspections are done autonomously by AI navigation and real-time data capture.

Smart Wearables

Real-time data, connectivity, and monitoring are done via sensors and RFID systems.

Smart Robotics

Complex humanoid tasks are enabled by AI, sensors, and IIoT connectivity.

RF Interconnect for Industrial Internet of Things

01 **Automate Mini-FAKRA Connectors and Cable Assemblies**

Provides peripheral connections in densely populated, high performance compute modules.

02 **SMA Connectors and Cable Assemblies**

I/O interface supporting antenna connections for Wi-Fi, Bluetooth, and UWB communications.

03 **FAKRA Connectors and Cable Assemblies**

Connects cameras, antennas, sensors and other peripherals to compute modules.

04 **AMC Connectors and Cable Assemblies**

High-density interconnect supporting internal connections between PCBs and wireless modules.

05 **Antennas**

Transmit data between systems wirelessly using WiFi, Bluetooth and other supported protocols.



Learn how **Amphenol RF** can support your next design by speaking with an applications engineer.

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