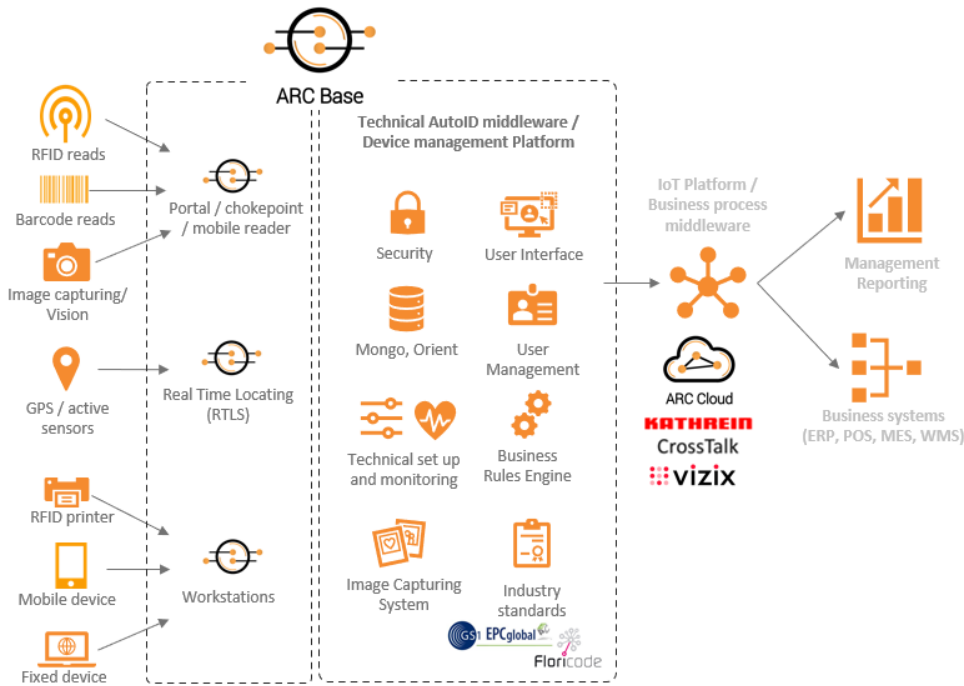


ARC Base



- Easy integration
- Flexible deployment
- Enterprise ready
- Highly scalable
- Cost effective
- Future proof



AUTO ID INTEGRATION – POWERED BY VTRACK

ARC Base is a technical integration platform for (mission critical) AutoID solutions. As technical middleware, ARC Base enables the unlocking of data generated by AutoID hardware. Next to the aggregation and combination of the collected data, ARC Base creates business relevant events, adds first business logic and allows the easy integration into existing systems (ERP, WMS, etc.). The main functionalities are:

- Technical control of AutoID hardware (RFID, vision sensor, GPS/RTLS etc.)
- Data handling/filtering and unambiguous event generation and integration.
- Remote monitoring and (technical) alerting.





ARC Base

- EASY INTEGRATION**
 ARC Base easily integrates a huge variety of AutoID technologies like RFID, vision cameras, BLE, GPS, PLC/GPIO controllers, and more. The aggregated and processed data can be seamlessly integrated into business process layers/IoT platforms, ERP/WMS systems and 3rd party software.
- FLEXIBLE DEPLOYMENT**
 ARC Base uses the OSGi-standard, that enables flexibility of deployments on (virtual) machines in the cloud or on premise, with either (embedded) Linux or Windows Operating Systems, or in Docker containers.
- ENTERPRISE READY**
 Security, User Management and a vast number of protocols and data formats are available. In addition, industry standards are used whenever applicable (e.g. OPC-UA and GS1 EPC Global: EPCIS, TDT, ALE).
- HIGHLY SCALABLE**
 ARC Base modular architecture allows maximum scalability by using logical components. These (micro)services are isolated for optimal (re-)use. In addition, ARC Base embedded edition can be deployed easily on dedicated readers and workstations.
- COST EFFECTIVE**
 Building a technical middleware with a modular approach ensures investments for the long run, reduces development cycles in time and costs, and guaranties time-effective deployment services.
- MAXIMUM SUSTAINABILITY**
 As M&A consistently develops ARC Base components for nearly all our projects and adds them to the ARC Base suite, it is now a highly reliable and extremely cost-effective and state-of-the-art AutoID middleware layer that constantly evolves with every implementation, ensuring maximum sustainability .

USE CASES

- • • • •
- CONFIGURATION MANAGEMENT**
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- ORDER PICKING & PACKING**
-
- GOODS IN- & OUTBOUND**
-
- ASSET AND RTI MANAGEMENT**
-
- INVENTORY & ITEM LOCALIZATION**
-
- MANUFACTURING**
-

