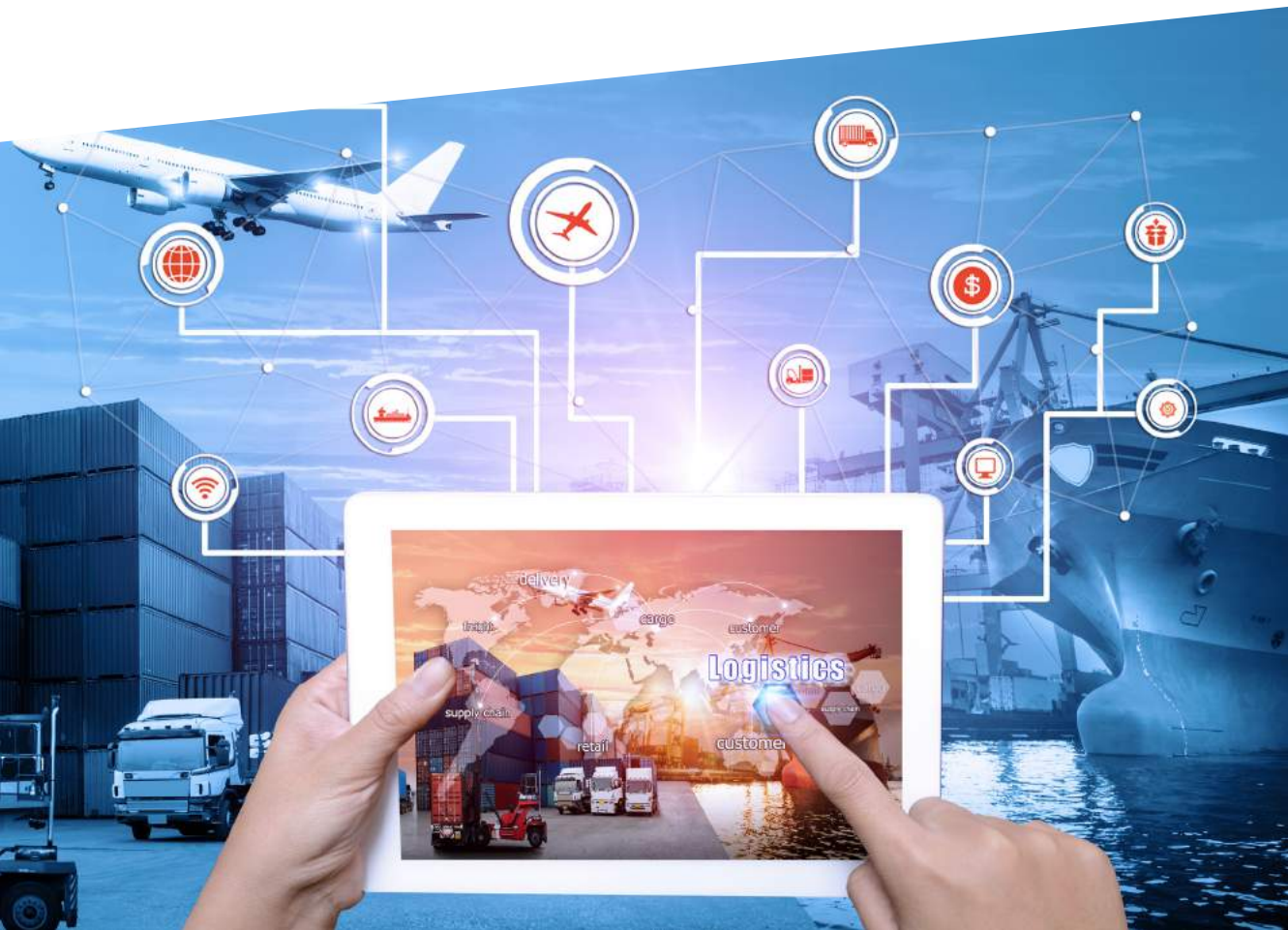


**AKSULIT**  
VALUE IDENTIFICATOR

# A MORE EFFICIENT BUSINESS THROUGH AUTOMATIC IDENTIFICATION



## OUR SERVICES FOR DIFFERENT INDUSTRIES



### Production

- ✓ Automatic (phase) notifications
- ✓ Batch number and series number tracking
- ✓ Conveyors, robots
- ✓ Automatic warehouses
- ✓ Manual transfers

### Keywords

NFC                      Barcode  
RFID (UHF)            Traceability

### Logistics

- Shipment ✓
- Receiving ✓
- Inventory Checking ✓

### Keywords

NFC                      Barcode  
RFID (UHF)            Traceability  
Pallets, trolleys, containers, tanks,  
platforms







## Technical Trade

- ✓ Supplementary orders
- ✓ Inventory Checking

## Keywords

NFC                      Barcode  
Shelving service      Consignment stock



## Maintenance

- Electronic Reporting ✓
- Reporting Malfunctions ✓

## Keywords

NFC                      Barcode  
Devices      Service history



# RFID SYSTEM OVERVIEW

## RFID Identifiers



Enclosed tags



Plastic cards  
(UHF or NFC)



Stickers  
(Barcode or RFID)

## RFID Readers



RFID reader



RFID handheld terminal



NFC phone



Aksulit  
wireless  
ordering  
terminal



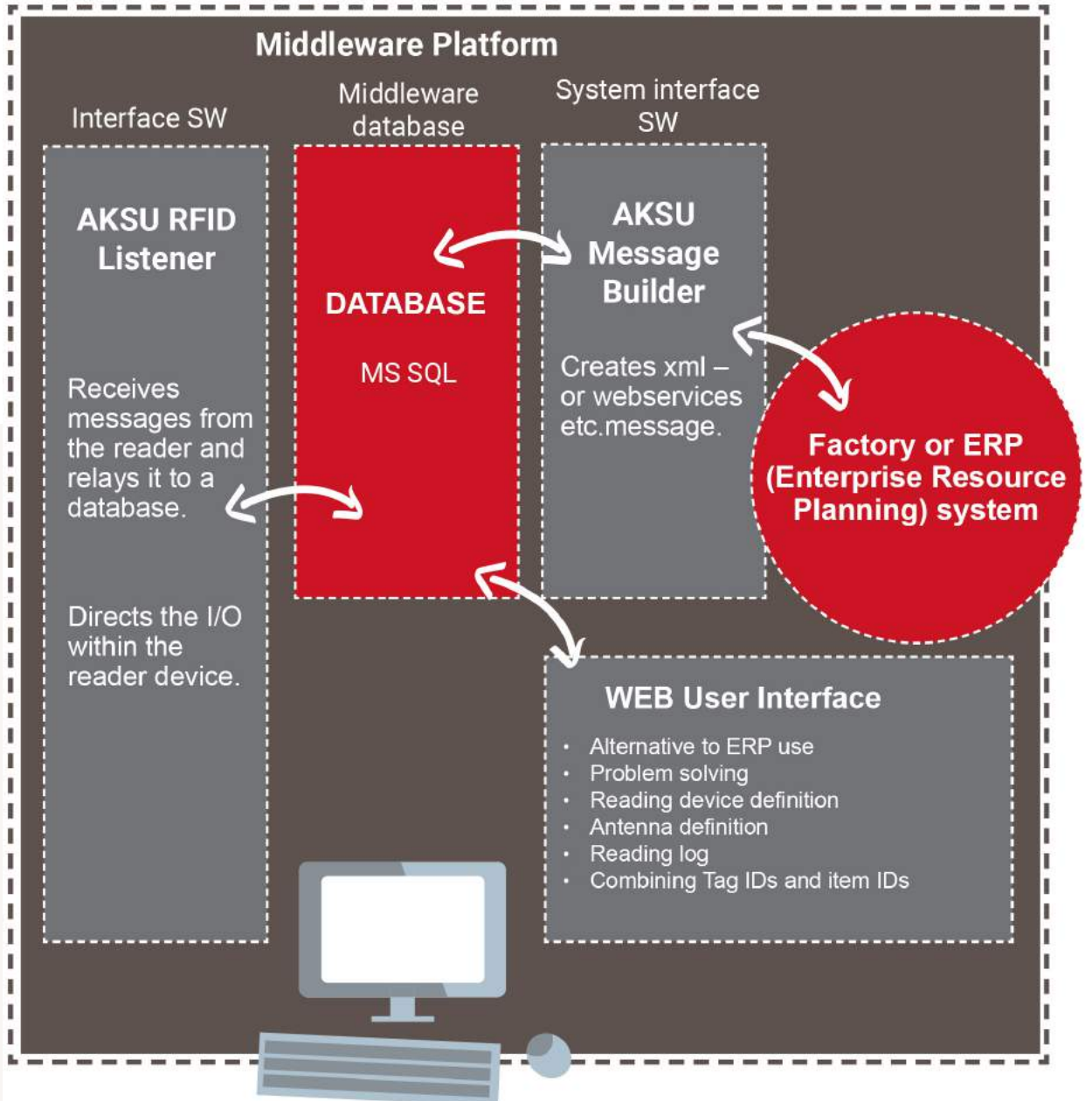
NFC tablet



Card reader

LAN/  
WLAN/  
3G/4G/  
GPRS

3G/4G  
GPRS



## TECHNOLOGY

RFID means Radio Frequency IDentification. RFID is the generic name for all technology, which uses radio waves to transmit information.

Frequency identification is often brought up in conversation, when one wants to automate, speed up and improve the traceability of various different operations. A simpler way to say this is, that RFID is a technology, which is a step forward from barcodes.

The simplest way of saying this is the RFID system consists of identifiers, reading devices, antennas and a background system. In addition to this, a special background system is needed for receiving and preparing information.

UHF (Ultra High Frequency) frequencies are used operation automation due to the long reading distances.

RFID has started to become an established concept in spoken language, where talking about RFID refers to UHF frequency applications.

NFC (Near Field Communication) = Close range identification, which works in the HF frequency area is also RFID. Today in most phones there is an NFC feature. Even cash registers utilize NFC technology.



## OUR COMPANY

Aksulit is a company dedicated to making RFID solutions in Jyväskylä, Finland, whose operations have also grown into international marketplaces.

The company was founded in 2003, when its operations concentrated mainly on consulting for ERP systems and supplementary software for ERP systems, such as reporting, analyzing and delivering barcode programs.

Since 2009 Aksulit Oy has been working on implementing RFID & NFC systems.

Our operation's whole system includes RFID identifiers, RFID devices and programs. If necessary, we also make interfaces for ERP or factory systems.



# AKSULIT

VALUE IDENTIFICATOR

SHALL WE GO OUT FOR COFFEE?

