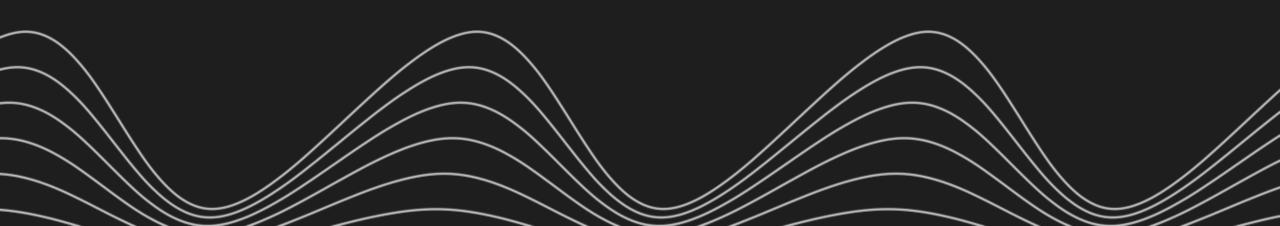




Alexander Abeln
Sales Director EMEA
Smart Industries, Confidex Ltd.

Email: <u>alexander.abeln@confidex.com</u>

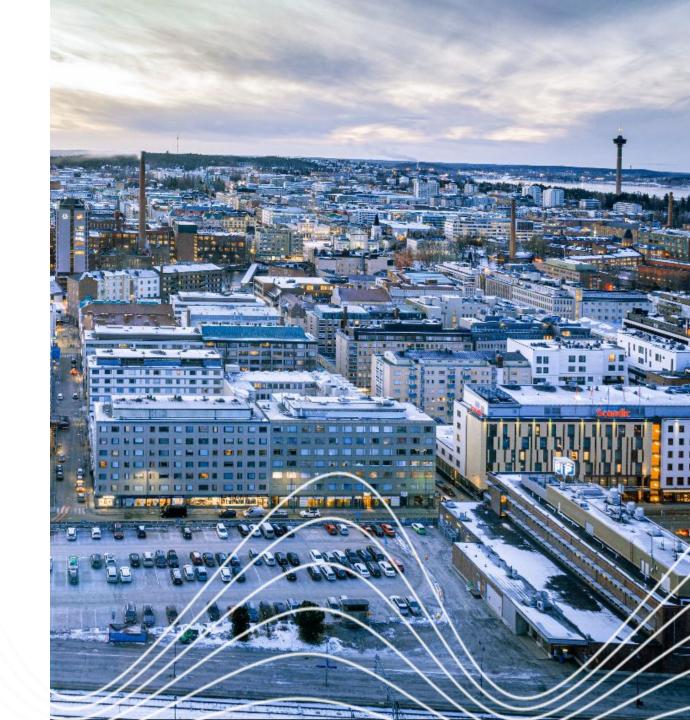
## Leading enabler of digital transformation of industries, supply chains and mobility

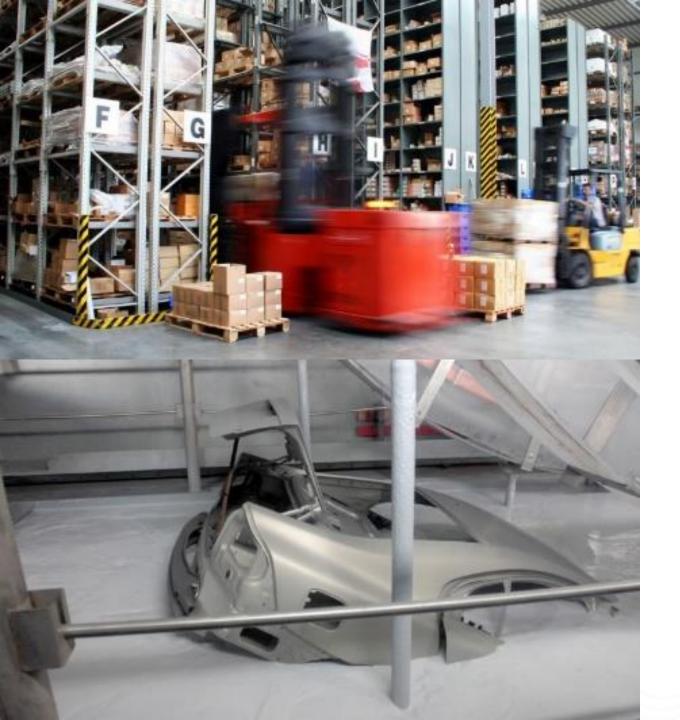




# We do business based on our values of Trust, Expertise and Commitment

with legacy of Finnish engineering mindset







# Confidex 15 years in enterprise IoT

#### Wireless technologies & solutions

- NFC, RFID & Bluetooth Low Energy
- In-house design & manufacturing
- Material know-how

#### Leading supplier in Enterprise IoT

- Manufacturing, Public Transport, Logistics & Automotive Industries
- Expertise & proven reliability

#### **Offices**

- Finland, USA, France, The Netherlands, Germany, Austria, Singapore, China
- Global Partner Network & Channel

Over 1.5 BILLION RFID tags, labels, and tickets supplied worldwide!

#### **Smart Industries today**

#### 60+ partners • 65+ countries • 200M+ assets tagged

#### Click for more information about these success stories



Confidex UHF tags on 10+ million Volvo cars



Returnable metal tank identification at AB Foods



IT asset tracking at US **Social Security** Administration



Pulp bale tracking at Metsä Fibre



Train tracking at ALL, América Latina Logística



Hilti uses RFID to help construction professionals manage their assets



Tracking of robust Goodpack TYRECUBE™



**HOYER Group** 



Container identification at CHEP Pallecon Solutions relies on Confidex RTI tags and labels



Automatic vehicle identification in Maharashtra border control system

#### Industry compliant tags, labels and beacons

B N

(R)





R N

Ironside

Most rugged hard tags for industrial environments



Steelwave

Durable on-metal tags for indoor and outdoor applications



Silverline

Industrial grade printable onmetal labels



Corona

High temperature tags with industrial grade reliability





your needs



Carrier

Washable tags for plastic returnable transit items



Cruiser

Reliable vehicle identification for parking and toll collection



Go

Cost engineered labels for fast and reliable logistics



Viking

Robust Bluetooth Low Energy beacons for industrial environments



# eKanban Use Case: German premium OEM to introduce RFID-enabled material flow optimization



Confidex smart RFID transport labels eKanban SLC/GTL™ for intelligent material flow management.

Automotive customer benefits from more transparent and efficient load carrier management and supplier integration along the supply chain





#### Challenge

- Production delays due to inefficient intralogistics and supply chain integration
- Failure rates for incoming goods inspection
- time-consuming manual material management

#### **Benefits**

- Optimized goods receipt inspection
- Efficient supply chain management
- Automated replenishment ordering process and eKanban supermarket

#### **Product**

Confidex eKanban SLC<sup>TM</sup> / GTL<sup>TM</sup>

#### Survivor Use Case: Honda improving engine logistics CONFIDEX accuracy with Confidex Survivor



Industrial grade, durable RAIN RFID tag for metal racks which transport Honda Engines.

Enables tracking of outgoing engine shipments to ensure outbound products are loaded onto the correct trucks.





#### Challenge

- Errors in shipping products to the wrong location by loading onto the incorrect truck.
- Manual reading or barcode scanning required operators to dismount the forklift

#### **Benefits**

- Immediate feedback to forklift operators that the engines are loaded onto the correct trucks
- Higher safety with operators remaining on forklifts
- Reduced labor costs

#### **Product**

Confidex Survivor™

## Volvo Use Case: RFID technology to boost car production



"The newly developed Confidex high-temperature resistant tag is designed to provide a greater safeguard against failure for Volvo Cars while simultaneously decreasing investment costs"

Yvan Jacquet
Project Manager - Data &
RFID, Volvo Car Gent



#### Challenge

 Control complex product mix and manage customized parts by identifying, tracking and tracing the key items in the process flow. The old tracking solution was cumbersome and not reliable enough.

#### **Benefits**

- Improved utilization of assets and resources by minimizing waiting times and eliminating waste or re-work.
- Lean operations and smart automation improve cost-efficiency and productivity.
- Final products match customers' specifications and expectations.

#### **Product**

Confidex high-temperature Tag

