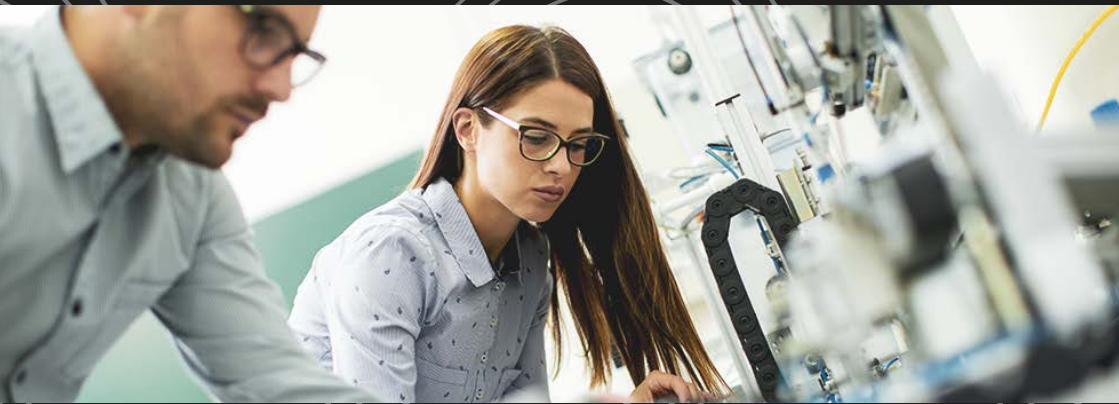




Industrial-grade RFID, NFC  
and Bluetooth® Products & Solutions



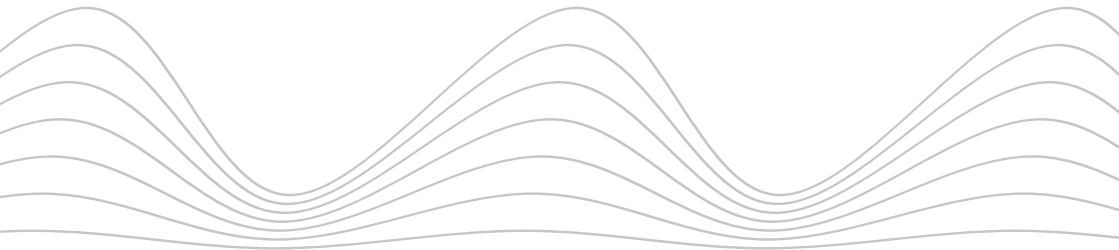
About Confidex

## World's most trusted provider of short-range wireless product solutions

Since 2005 Confidex Smart Industries has become the trusted partner for system integrators and end-users of high performing short-range wireless products to enable Industrial IoT technologies throughout the world.

Excellent service, consistent quality and reliable products are in the DNA of our company – we are dedicated to gaining a total understanding of customer requirements and providing a solution for those, no matter how complex.

Together with our technology partners we build value-adding solutions for asset management, traceability and authentication -applicable in manufacturing, supply chain, automotive any many other industries. Today, over 100 million assets are equipped with Confidex Tags and Labels.





Confidex Steelwave™

## Durable on-metal tags for indoor and outdoor applications

Steelwave family offers various products for indoor and outdoor applications. This innovative and durable product family offers versatile attachment methods, small footprints, flexibility and performance that will ensure the successful deployment of asset tracking projects with diverse requirements.




	Steelwave Classic	Steelwave Flex	Steelwave Micro II
<b>Type:</b>	UHF RFID	UHF RFID	UHF RFID HF/NFC
<b>Dimensions:</b>	115 x: 30 x 3.9 mm 4.53 x 1.18 x 0.15 in	55 x 25 x 2.2 mm 2.17 x 0.98 x 0.09 in	38 x 13 x 4.5 mm 1.5 x 0.51 x 0.18 in
<b>Read range:</b>	Up to 12 m 39 ft	Up to 5 m 16 ft	Up to 5 m 16 ft
<b>Special features:</b>	Printing protected with over-lamination against chemicals. Great read range with thin structure.	Global, VDA compliant on-metal label with flexible structure for parts with small radius.	Versatile attachment options with adhesive and holes for cable tie. Optimized for IT assets.



Confidex Ironside™

## Most rugged hard tags for industrial environments

Ironside family is optimized for metallic returnable transit items and industrial assets that face varying weather conditions and rough handling. Patented antenna design with industry-leading performance and extremely robust IP68 structure is a combination that ensures smooth asset tracking in most harsh environments. Ironside family offers also various attachment methods with screws, pop rivets, industrial adhesives or welding with optional bracket. Ironside family is also available as ATEX compliant variants.

	<b>Ironside Classic</b>	<b>Ironside Micro</b>	<b>Ironside Slim</b>
			
<b>Type:</b>	UHF RFID	UHF RFID HF/NFC	UHF RFID
<b>Dimensions:</b>	51.5 x 47.5 x 10 mm 2.03 x 1.87 x 0.39 in	27 x 27 x 5.5 mm 1.06 x 1.06 x 0.22 in	85 x 21 x 10 mm 3.35 x 0.83 x 0.39 in
<b>Read range:</b>	Up to 9 m 30 ft	Up to 5 m 16 ft	Up to 10 m 33 ft
<b>Special features:</b>	Robust TPE enclosure with excellent shock resistance. Temperature resistance up to 125°C. Available with welding bracket.	IP68 Robustness with small footprint. Available also as HF/NFC variant.	Narrow form factor optimal for metallic containers. Compression limiters to enhance robustness.



Confidex Silverline™

## Industrial grade printable on-metal labels

Silverline family is the industry-leading IP68 classified on-metal label solution for demanding applications. By combining the on-metal performance of hard tags and personalization easiness of labels the Confidex Silverline family makes the usage of RFID easier and more efficient than ever. Combined with Zebra ZT410 Silverline or ZT411 On-Metal printer they offer easy-to-use solution for printing and encoding on-metal labels on demand. Silverline family comes with global frequency and various product sizes to meet the requirements for applications with high read range to small footprint.

	<b>Silverline Blade</b>	<b>Silverline Classic</b>	<b>Silverline Micro</b>	<b>Silverline Slim</b>
<b>Type:</b>	UHF RFID	UHF RFID	UHF RFID	UHF RFID
<b>Dimensions:</b>	60 x 25 x 1.2 mm 2.36 x 0.98 x 0.05 in	100 x 40 x 1.1 mm 3.94 x 1.57 x 0.04 in	45 x 13 x 1.1 mm 1.77 x 0.51 x 0.04 in	100 x 13 x 1.1 mm 3.94 x 0.51 x 0.04 in
<b>Read range:</b>	Up to 4.5 m 15 ft	Up to 6 m 20 ft	Up to 1.5 m 5 ft	Up to 4 m 13 ft
<b>Special features:</b>	Special adhesive with high initial tack. Great performance/size ratio.	A lot of space for visual printing. Durable PET face. Adhesive optimized for metals.	Small foot-print. Durable PET face. Adhesive optimized for metals.	Narrow form factor combined with good performance. Durable PET face. Adhesive optimized for metals.



Confidex Corona™

## High temperature tags with industrial grade reliability

Designed with the extreme reliability as the top priority. Corona family is the outcome of more than ten years of development of high temperature tags with proven reliability in the industrial applications including automotive paint shop.

### Corona Classic

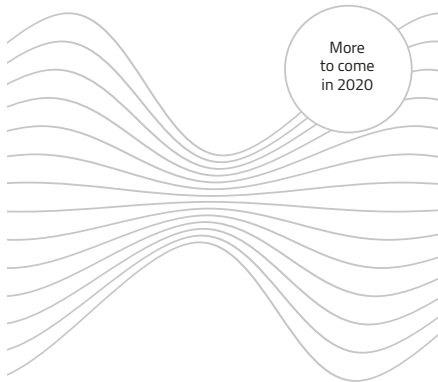


**Type:** UHF RFID

**Dimensions:** 76 x 55 x 0.35 mm  
2.99 x 2.17 x 0.01 in

**Read range:** Up to 12 m  
39 ft

**Special features:** Peak temperature  
up to 230°C for 3h.








More  
to come  
in 2020



Confidex Go™

## Cost engineered for fast and reliable identification in high volumes

Confidex Go products are designed cost efficiency in mind. They are the go-to choice for fast and reliable logistics applications that require unique features such as reading from all angles, eco-friendly paper based structure, VDA compliancy or tagging high liquid water content goods.



	Crosswave Classic	Casey	Leaf	eKanban GTL/SLC	Ferrowave Classic
					
<b>Type:</b>	UHF RFID	UHF RFID	UHF RFID	UHF RFID	UHF RFID
<b>Dimensions:</b>	Various, see datasheet	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in	According to VDA 4994	100 x 17 x 1.1 mm 3.94 x 0.67 x 0.04 in
<b>Read range:</b>	Up to 10 m 33 ft	Up to 16 m 52 ft	Up to 10 m 33 ft	See datasheet	Up to 5 m 16 ft
<b>Special features:</b>	360-degree readability with modular dimensions .	Water proof IP68 label for high volume logistics.	Paper based eco-friendly label for short term logistics.	RFID enabled Kanban cards. VDA 5501 compliant.	Optimized for high volume on metal logistics.



Confidex Carrier™

## Washable tags for plastic returnable items

Confidex Carrier family is designed especially for plastic returnable transit item (RTI) tracking. They are all IP68 classified and can withstand washing processes while maintaining their strong grip on plastic surfaces. All labels can be printed and encoded with standard RFID printers or be ordered pre-personalized.

	 Carrier Classic	 Carrier PRO	 Carrier Tough Slim
<b>Type:</b>	UHF RFID	UHF RFID	UHF RFID
<b>Dimensions:</b>	73 x 8 x 0.2 mm 2.87 x 0.31 x 0.01 in	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in	122 x 18 x 2 mm 4.8 x 0.71 x 0.08 in
<b>Read range:</b>	Up to 10 m 33 ft	Up to 12.5 m 41 ft	Up to 12 m 39 ft
<b>Special features:</b>	Narrow design ideal for containers with limited space.	More space for printing and long read range also close to high liquid content	For the harshest of environments. Printing protected under plastic cover.








Confidex Cruiser™

## Reliable vehicle identification for parking, vehicle registration and toll collection

Confidex Cruiser family is designed for Automatic Vehicle Identification (AVI) and Electronic Vehicle Registration (EVR) applications. Cruiser labels can withstand varying weather conditions and washing processes while remaining tamper-proof. Confidex delivers also fully personalized Cruiser products against customer requirements.

	Cruiser Headlamp	Cruiser Windshield	Cruiser Windshield Crypto
			
<b>Type:</b>	UHF RFID	UHF RFID	UHF RFID
<b>Dimensions:</b>	90 x 11.5 x 0.2 mm 3.54 x 0.45 x 0.01 in	92 x 26 x 0.2 mm 3.62 x 1.02 x 0.01 in	107 x 21.5 x 0.2 mm 4.21 x 0.85 x 0.01 in
<b>Read range:</b>	Up to 10.5 m 34 ft	Up to 8 m 26 ft	Up to 10 m 33 ft
<b>Special features:</b>	Transparent structure with specific UV and IR protection.	Full customization and encoding options with tamper-proof structure.	Fast and secure communication with cryptography authentication check.



Confidex Viking™

# Industrial Bluetooth® Low Energy beacons for demanding environments

Confidex Viking™ Bluetooth® Low-Energy (BLE) Industrial beacons track the location of assets and people, with optional sensors for capturing environmental data. Confidex Viking™ BLE beacons are joining passive RFID in the asset management and tracking space. Confidex designed the Viking product family to be a modular BLE beacon family that raises the bar for industrial, indoor and outdoor, asset tracking to gain real time location and conditioning visibility.

	Viking™ Classic	Viking™ Quuppa	Viking™ HERE	Viking Tough™
<b>Type:</b>	Bluetooth Low Energy	Bluetooth Low Energy	Bluetooth Low Energy	Bluetooth Low Energy
<b>Dimensions:</b>	56 x 54 x 19 mm 2.2 x 2.13 x 0.75 in	56 x 54 x 19 mm 2.2 x 2.13 x 0.75 in	56 x 54 x 19 mm 2.2 x 2.13 x 0.75 in	56 x 54 x 21.3 mm 2.2 x 2.13 x 0.84 in
<b>Read range:</b>	Up to 200 m 656 ft	Up to 200 m 656 ft	Up to 200 m 656 ft	Up to 200 m 656 ft
<b>Special features:</b>	Optimised performance for indoor and outdoor industrial environments.	Fully compliant with Quuppa's advanced location system and the angle-of-arrival (AoA) methodology	Factory configured for hassle free integration in HERE Positioning System.	Most ruggedized BLE Beacon for really harsh and demanding environments.



Confidex DesignStudio™

## Not finding the tag you need for your project from our standard product offering?

Confidex DesignStudio provides you with uniquely new products or standard product modifications for yourspecific needs, whether simple or complex. Let's co-create together a BLE, RFID or NFC product that fits your needs.

	TireTag	Survivor	Captura	PulpLabel
<b>Type:</b>	UHF RFID	UHF RFID	UHF RFID	UHF RFID
<b>Dimensions:</b>	40 x 5.5 x 2.1 mm 1.57 x 0.22 x 0.08 in	155 x 26 x 14,5 mm 6.1 x 1.02 x 0.57 in	57.5 x 19 x 20 mm 2.26 x 0.75 x 0.79 in	Contact for details
<b>Read range:</b>	up to 3 m 10 ft	Up to 18m 60ft	Up to 10 m 33 ft	
<b>Special features:</b>	ISO 20909 and 20910 compliant embedded TireTag with great performance.	Available as Battery, Assisted Passive variant with read range up to 60m / 200ft.	Electronic seal with tamper proof structure. No tools needed for attachment.	Unique pulpable structure. Complies to food contact regulations.

More DesignStudio examples online



**Confidex Ltd**  
**Headquarters**  
Lumpeenkatu 6, 33300  
Tampere, Finland  
[contact@confidex.com](mailto:contact@confidex.com)

[www.confidex.com](http://www.confidex.com)

**Confidex North America**  
Greenville, SC  
**Confidex France**  
Nice  
**Confidex Netherlands**  
Hoofddorp  
**Confidex China**  
Guangzhou