

RFID in IT & Enterprise Asset Management

All organizations have a need to minimize asset total cost of ownership. This requires effective asset management to maximize the utilization of assets, to minimize downtimes due asset failure or absence and to optimize asset maintenance programs. IT asset management is particularly important due operational dependency on these assets, high cost and rapid pace of change.

RFID for cost savings, better asset utilization and compliance

Asset management often requires strict policies, disciplined operations and labor intensive inventory audits. RFID is helping many leading enterprises to streamline and even automate their daily asset management operations. This saves very significant time and money. With RFID and supportive asset management system, asset locations and availability can be seen real time, which is key for better asset utilization.

RFID will also cut the time needed for inventorying to a fraction compared to manual inventory practices. Regular inventory audits are often needed to comply with financial control regulations such as Sarbanes-Oxley Act of 2002.

Confidex Tags for IT & Enterprise Asset Management

Confidex RFID tag portfolio includes a broad selection of products for all fixed asset management needs. Tags can be personalized prior to shipping according to customer requirements, to help make tag commissioning easy and effortless.



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RFID Tags For IT & Enterprise Asset Management

	Confidex Steelwave Micro II™	Confidex Steelwave Micro™	Confidex Steelwave Micro NFC™	Confidex Carrier™	Confidex Carrier Pro™	Confidex Carrier Micro™
Picture						
Tag type	ISO 18000-6C	ISO 18000-6C	NFC tag type 2	ISO 18000-6C	ISO 18000-6C	ISO 18000-6C
Size	38 x 13 x 4.5 mm 1.5 x 0.5 x 0.17 in	38 x 13 x 3 mm 1.5 x 0.5 x 0.12 in	38 x 13 x 4.5 mm 1.5 x 0.5 x 0.17 in	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	40 x 10 x 0.2 mm 1.57 x 0.39 x 0.01 in
Read range	up to 5 m / 16 ft (on metal) up to 1.5 m / 5 ft (non-metal)	up to 3.5 m / 11 ft (on metal) up to 1 m / 3 ft (non-metal)	Proximity reading	up to 10 m / 33 ft	up to 12,5 m / 41 ft	up to 4 m / 13 ft
Tag attachment	Adhesive, tethering, cable-tie	Adhesive	Adhesive, tethering, cable-tie	Adhesive	Adhesive	Adhesive
Frequency	865 – 928 MHz	902 – 928 MHz (US) 865 – 928 MHz (Global)	13.56 MHz	860 – 960 MHz	860 – 960 MHz	860 – 930 MHz
Special features	<ul style="list-style-type: none"> FSTC-compliant Versatile attachment option Quality finishing 	<ul style="list-style-type: none"> FSTC-compliant 	<ul style="list-style-type: none"> Mobile phone reading with NFC 	<ul style="list-style-type: none"> Narrow label for non-metallic assets 	<ul style="list-style-type: none"> High performance label for various non-metallic assets No detuning 	<ul style="list-style-type: none"> Small foot-print label for non-metallic assets

Note: The information herein is subject of change without prior notice. Please consult Confidex Ltd for the most current information and availability.

Personalization Service

	Logo printing	Barcode printing	Human readable	RFID encoding	RFID security
Technical description	<ul style="list-style-type: none"> Black thermal transfer printing 	<ul style="list-style-type: none"> Black thermal transfer printing 1D barcode (e.g. code 128) 2D barcode (e.g. datamatrix) 	<ul style="list-style-type: none"> Black thermal transfer printing 	<ul style="list-style-type: none"> EPC encoding (96bit - 512bit) 	<ul style="list-style-type: none"> Perma-locking memory Enabling password-protection Password initialization
Use case	<ul style="list-style-type: none"> Logo or other sign can be used to aid and promote instant recognition 	<ul style="list-style-type: none"> Barcode readers can be used parallel with RFID readers if needed 	<ul style="list-style-type: none"> Human readable text gives user certainty and possibility to double check the identification 	<ul style="list-style-type: none"> Tag EPC-code can be initialized so that tag is ready for commissioning right from the box 	<ul style="list-style-type: none"> Enabling security features is essential when tags may face malicious user

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