

## CAPTURE IT GLOBAL<sup>®</sup>



### Hybrid Barcode and RFID scanner

- iOS certified for iPad / iPhone solutions
- ANDROID communication for smartphone / tablet
- Modules for RFID (LF, HF, UHF) and Barcode (1D, 2D)
- With integrated middleware - EMMware



# PANMOBIL SCANNER for all logistics needs!

## smartSCANNDY



1D/2D Imager

Easy Direct Pointer 1D Laser Module



**RFID**

- 125 KHz
- 13,56 MHz
- ISO15693
- ISO14443A/ Mifare
- 868 MHz EPC GEN2

Each LED is individually programmable

**Bluetooth**

- Class 1; 100m
- Class 2; 10m

**WiFi**

- 802.11 b/g

**Flexible Power Supply**

- Li-Ion Battery
- 3x AAA Battery

Each key is individually programmable



Vibration



**Programmable**

- LINUX OS
- SDK ( C++ )
- Smart Configurator

**Memory**

- 500 MB

**Speaker**

**Quad-USB**

- HID
- COM
- Mass Storage (USB stick)
- Ethernet (TCP/IP)



## SCANNDYbasic

## SCANNDYgun



1D/2D Imager

1D Laser Module



**RFID**

- 125 KHz
- 13,56 MHz
- ISO15693
- ISO14443A/ Mifare
- 868 MHz EPC GEN2

**Bluetooth**

- Class 1; 100m
- Class 2; 10m

**WiFi**

- 802.11 b/g

**GPRS**

**Programmable**

- LINUX OS
- SDK ( C++ )
- SCANNDY easy Script Language

**Keyboard**

- 7 or 19 Keys
- Each key is individually programmable



Vibration



**Display**

- OLED color display RGB 160x128

**Memory**

- 500 MB

**Speaker**

**USB RS232**

- HID
- COM
- Mass Storage (USB stick)
- Ethernet (TCP/IP)

**Li-Ion-Battery**



## powerlineECCO



**1D Reader Module**

**Individual surface on customer request**

**4 LEDs**

**Bluetooth**

- Class 1; 100m
- HiD
- SPP

**Memory**

- 4 MB

**Speaker**



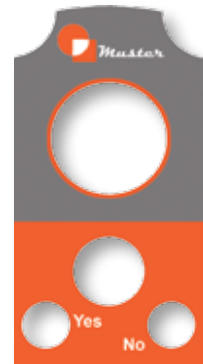
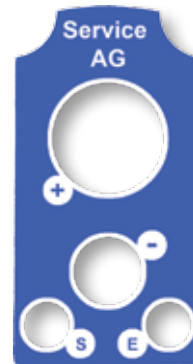
**Vibration**

**4 Keys**

- Two keys are user configurable

**USB**

- COM



## powerlineECCO+



**1D/2D Imager**

**1D Reader Module**



**4 LEDs**

**RFID**

- 868 MHz EPC GEN2



**Bluetooth**

- Class 2; 10m
- HiD
- SPP

**Individual surface on customer request**

**WiFi**

- 802.11 b/g

**Speaker**



**Memory**

- up to 8 GB

**4 Keys**

- Each key is individually programmable

**Programmable**

- LINUX OS
- SDK ( C++ )

**Vibration**

**Li-Ion-Battery**

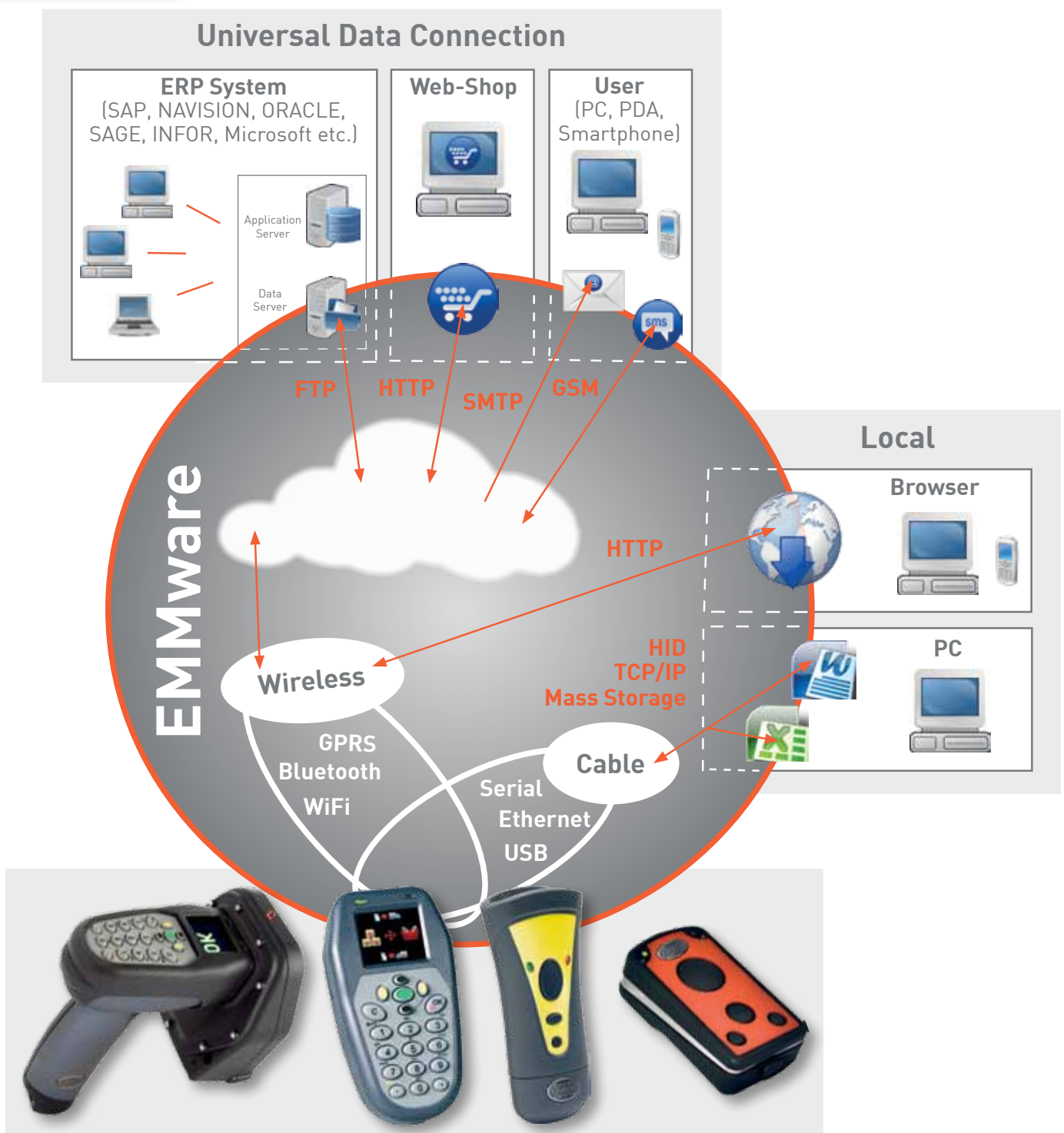
**USB**

- Mass Storage
- HID
- COM
- Ethernet (TCP/IP)

**PANMOBIL SCANNER** with integrable **EMMware**, the world's unique Embedded Middleware, that combines the entire communication chain from the scanner to the target system:

- is ready to use immediately,
- without the installation of additional software and drivers.
- EMMware connects any target system via all wireless or cable interfaces.

## EMMware

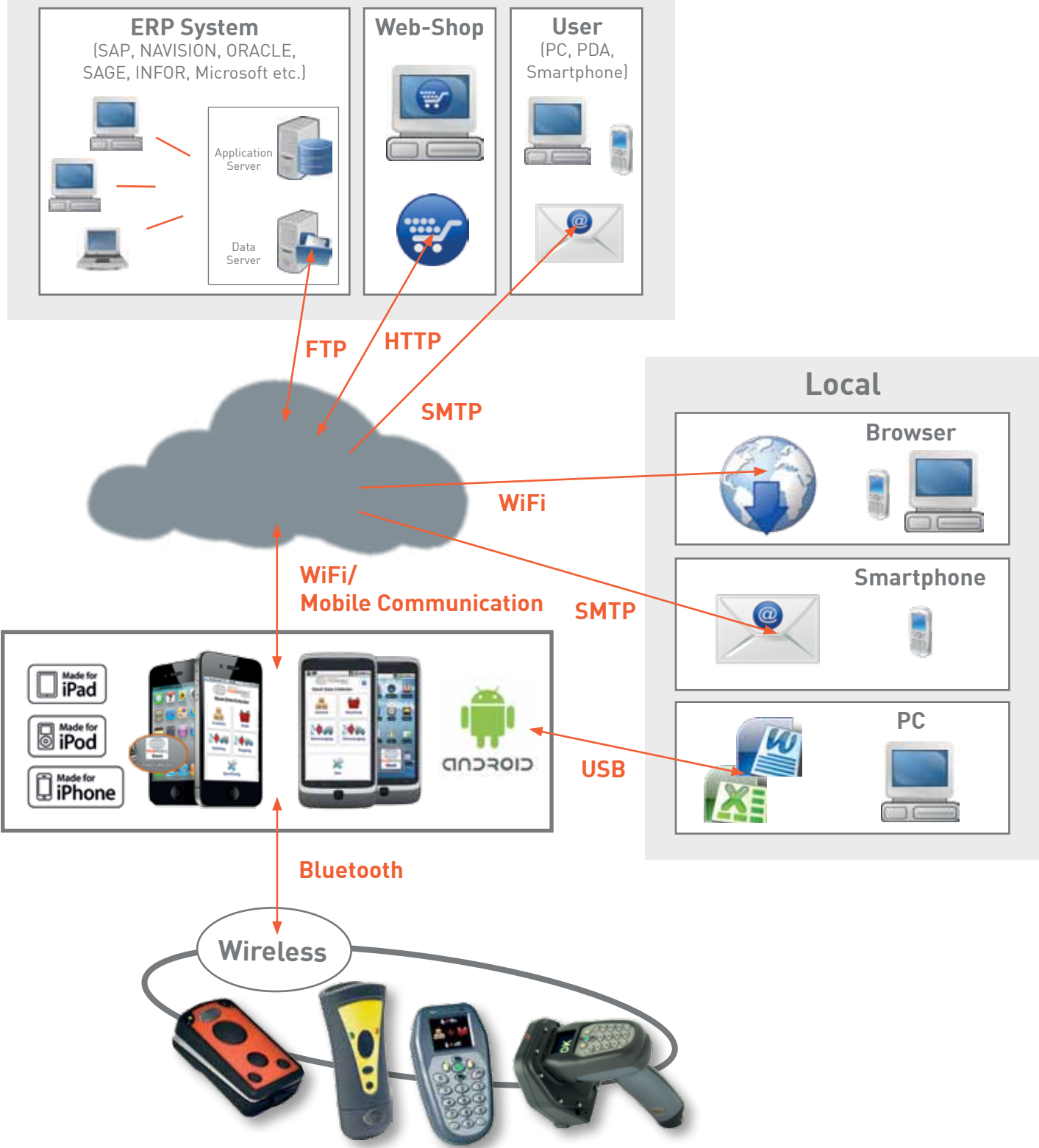









PANMOBIL is official **iOS** and **ANDROID developer** and enables a secure, two-way communication as well as selective writing of RFID data from remote ERP applications.

**Application**



### Universal Data Connection



		<b>SCANNDYbasic</b> 	<b>SCANNDYgun</b> 	<b>smartSCANNDY</b> 	<b>powerlineECCO</b> 	<b>powerlineECCO+</b> 
<b>CPU</b>	ARM9	x	x	x	x	x
<b>Memory</b>		500 MB	500 MB	500 MB	4 MB	up to 8 GB
<b>Proof of Data</b>	Non volatile memory	x	x	x	x	x
<b>Date/ Time</b>	Realtime clock	x	x	x	x	x
<b>Interface</b>	RS232	x	x	-	-	-
	USB Mass Storage / USB HID / USB Ethernet / USB Serial	x	x	x	USB Serial	x
<b>Programming</b>	SDK / C++	x	x	x	-	x
<b>Configuration</b>	SFL (SCANNDY Forms Language)	x	x	-	-	-
	Smart Configurator	-	-	x	Two keys are user configurable	x
<b>Certification</b>	iOS Apple ANDROID  	x	x	x	-	x
<b>Wireless</b>	GSM/GPRS	x	x	-	-	-
	Bluetooth	Class 1/2	Class 1/2	Class 1/2	Class 1	Class 2
	WiFi 802.11b/g	x	x	x	-	x
<b>Audio</b>	Speaker	x	x	x	x	x
<b>Display</b>	OLED color display RGB 160x128	x	x	-	-	-
<b>LED</b>	Red/Green/Yellow/Blue	x	x	x	x	x
<b>Keyboard</b>	Keys	7 or 19	7 or 19	3	4	4
<b>Barcode</b>	1D Imager (EAN-8, EAN-13, UPC-A, UPC-E, Code128, Code39, Interleaved 2of5)	x	x	x	-	x
	2D Imager (DataMatrix , QR Code, Optional PDF417, MicroPDF, MicroQR)	x	x	x	-	x
	1D Reader Module (EAN-8, EAN-13, UPC-A, UPC-E, Code128, Code39, Code93, Interleaved 2of5, Chinese 2of5, Codabar, Codablock_F)	x	x	x	x	x
<b>RFID</b>	125 KHz (Unique, Q5, Hitag1, Hitag2, HitagS, EM4100, EM4102)	x	x	x	-	-
	13,56 MHz (Mifare 1K, Mifare 4K, Mifare UltraLight, ISO14443A)	x	x	x	-	-
	13,56 MHz (I-Code II, I-Code-SLI, TagIt HF1, MyD, ISO15693 mandatory)	x	x	x	-	-
	UHF 860-960 MHz, EPC GEN 2 ISO 18000-6C	x	x	x	-	x
<b>Size</b>		104x56x33 mm	105x140x145 mm	116x50x31 mm	87x48x26 mm	87x48x26 mm
<b>Weight</b>		102 g	418 g	80 g	98 g	98 g
<b>Battery</b>	Li-Ion Battery	1250 mAh	1500 mAh	1050 mAh	1050 mAh	1500 mAh
	Battery	-	-	3x AAA	-	-
<b>Housing</b>	ABS	x	x	Double wall Inside: Strong ABS Outside: Stressable rubber	Double wall Inside: Strong ABS Outside: Stressable rubber	Double wall Inside: Strong ABS Outside: Stressable rubber
<b>Protection Class</b>		IP 54 (with rubber protector)	IP 54 (with rubber protector)	IP 54	IP 64	IP 64
<b>Temperature Range</b>	-10 °C to +50 °C operating temperature -20 °C to +70 °C storage temperature	x	x	x	x	x



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