

Portfolio



Company objectives

intra europe coding helps companies to digitize their service and supply chain by ITC systems, automatic identification and global tracking systems, smart devices as well as labels and marking systems.

We provide AutoID technologies for the optimisation of material flow and the tracking and monitoring of assets, containers or vehicles in real-time. Our portfolio further includes ultra-rugged mobile phones and tablets with accessories for mission critical applications under tough conditions.

It is our objective to support our customers individually and knowledgeably in our role as a competent local german contact for world's leading suppliers.



Partnership

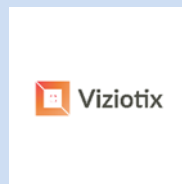
intra europe coding cooperates with deliberately evaluated, international leading manufacturers and suppliers of innovative information and communication technologies.

wireless



mobile

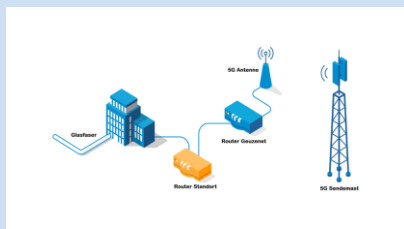
industrial



5G Business Internet

Wireless high speed internet via 5G/4G public mobile networks

- ▶ Fast and reliable internet network as a Managed Service
- ▶ Plug and play solution incl. on site installation
- ▶ Redundant by two public network providers
- ▶ Temporary internet on subscription base



**Geuzenet internet services in
a robust internet suitcase**



Rugged Notebooks

Tools for digital work in business, craft and industries

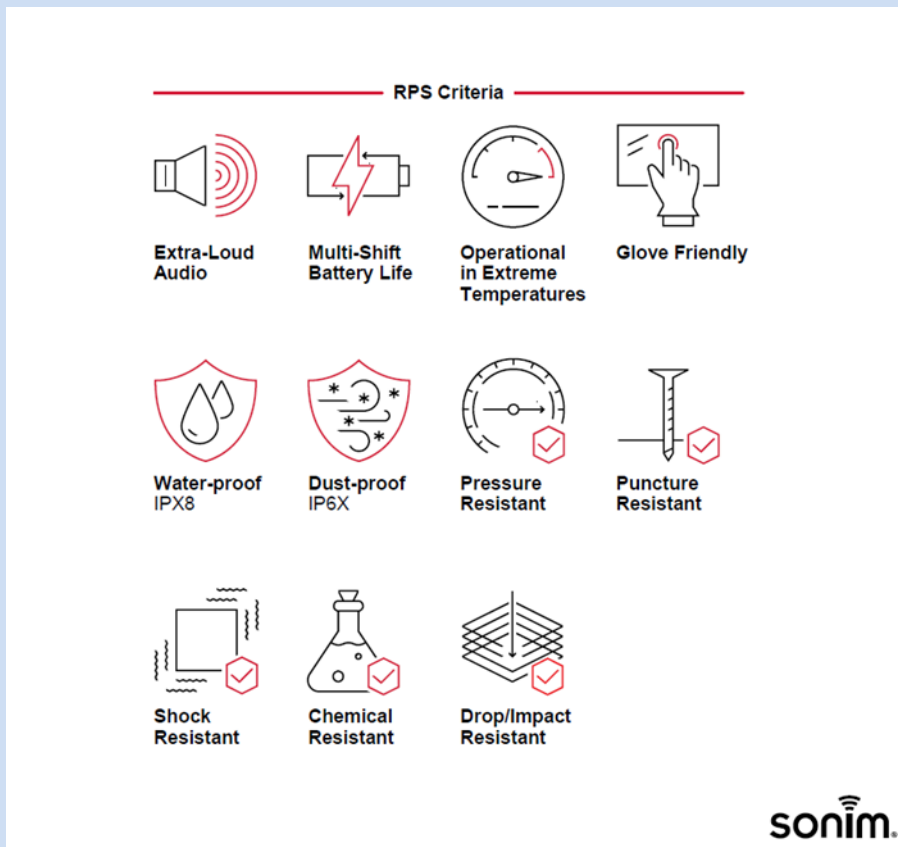
- ▶ For professional services and mobile workforces in utilities, construction or for rescue services
- ▶ 14" or 15" outdoor displays (1.000 nit), -20° to +60°C
- ▶ up to 1,2m (1,8m) drop tested, IP67 and ATEX (ANSI C1D2)
- ▶ 25 h uninterrupted operation with expansion battery
- ▶ integrated handle for comfortable carriage
- ▶ LF/HF RFID reader option



Ultra-robust

Rugged Performance Standards

- ▶ IDC: IP65, -30°C, 1-1,8m drops, MIL-STD-810G, 0-95% RH
- ▶ Enterprise specific features make the difference



Quelle: Sonim Technologies

Sonim „Built for life“

Ultra-rugged smartphone XP10 for „mission critical“ applications

- ▶ **For physically engaged task workers** compliant to personal alarm signal systems for lone workers
- ▶ I-Safe; ATEX, non-incentive Class I, II & III, Div. 2
- ▶ 3 programmable keys, push-to-talk button

- ▶ **For service and maintenance under tough conditions**
- ▶ Dual front-facing loud speaker, 100dB+ output
- ▶ Dust and water sealed (IP68), drop tested up to 1.9 m to concrete, pressure resistant up to 1 ton
- ▶ 40 days standby; removable 5.000mAh battery
- ▶ Android 12, 6GB RAM, 128GB ROM & 1TB MicroSD
- ▶ 5,5“ Gorilla Glass display, 50 MegaPixel camera

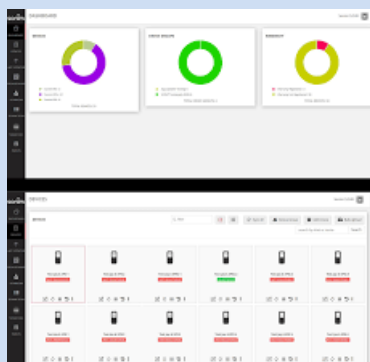
- ▶ **SonimWare** (SOS App, Device Mgmt.)



Sonim XP5plus

Ultra-rugged feature phone

- ▶ **PTT control knobs for channel selection and volume**
- ▶ Durable, reliable mobile phone /feature phone dust and water sealed (IP68), drop tested up to 1.9 m
- ▶ I-Safe; ATEX, non-incentive Class I, II & III, Div. 2
- ▶ Programmable keys, **Push-to-Talk (PTT)**
- ▶ Glove-usable T9-keyboard
- ▶ 25 days standby; removable 3.500mAh battery
- ▶ 3 microphones with noise cancellation for noisy places
- ▶ Dual front-facing loud speaker, 100dB+ output
- ▶ SonimWare (SOS App, Device Mgmt.)



Tablet-PCs

Rugged tablets for tough conditions based on Android- or Windows

Industrial capabilities

- ▶ Quick scanning barcode engine for 1D, 2D codes or OCR
- ▶ Group communication, loud speaker, 100dB+ output
- ▶ Glove-friendly displays in various sizes (6" to 10")
- ▶ Professional accessories (mount, charger, PTT-Button)

Ruggedness

- ▶ Dust-/water-sealed, shock-tested, -20°C up to +55°C
- ▶ Disinfectable housing, resistant against oil and chemicals
- ▶ 3 years of comprehensive warranty

Safety

- ▶ Kiosk mode, MDM
- ▶ Removable battery
- ▶ Push-to-talk ready



Vehicle computer

For mobile usage in logistics or public transport vehicles

- ▶ Vehicle mounted computer / rugged tablets
- ▶ Anti-glare, scratch resistant 7" – 12" multi-touch displays
- ▶ Sunlight readable outdoor displays, glove-friendly
- ▶ Windows (Pro & IoT) or Android operating systems
- ▶ Performant processing power (Intel i5/i7, 12. Gen.)
- ▶ Low temperature -30°C, IP66, MIL-STD-810H
- ▶ WLAN radio on site, at the yard or cellular network (M2M SIM, LTE, 5G Campus)
- ▶ 10-60V DC & USV (30 min)
- ▶ Professional accessories



Vehicle computer

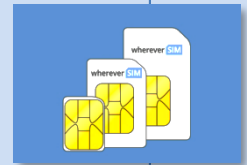
For mobile usage in warehousing and intermodal logistics

- ▶ Reliable, vehicle-mounted computers tested for tough industry and port environments
- ▶ Bright outdoor display for user-friendly visibility
- ▶ Operation down to -30°C , IP66, MIL-STD-810F
- ▶ WLAN communication on company sites **and** via mobile networks (4G, 5G Campus, M2M SIM)
- ▶ Powerful processors for Android or Windows
- ▶ 10-60V DC & USV (30 min.)
- ▶ Various mounting kits



Mobile computer

Online communication in transport, logistics and ports



- ▶ Ultra rugged handheld computers for mobile applications in harsh industrial environments
- ▶ User-friendly ergonomics, sunlight-readable display for outdoor usage & pistol grip scanning
- ▶ Data capturing (Imager/RFID)
- ▶ WLAN communication on site or via public network, M2M SIM, optional GPS location
- ▶ Protected against dust and heavy water up to IP67, extremely durable
- ▶ Mobile device management, kiosk mode etc.



Barcode Scan Apps

Multi-Scan and AR by digital camera

- ▶ Barcode Scanning by digital camera
- ▶ Multi Scan: numerous codes per scan
- ▶ Augmented Reality: display information
- ▶ OCR: ID Scan, machine readable code



Information Display
Augmented Reality



Search & Find
MatrixScan, AR



Label Capturing
MatrixScan

Barcode-Scanning

The right equipment for each use case and scan scenario

- ▶ Industrial barcode scanner
- ▶ Presentation scanner
- ▶ Stationary or mobile usage



Presentation Scan



Forklift Truck Scan



Display Scan

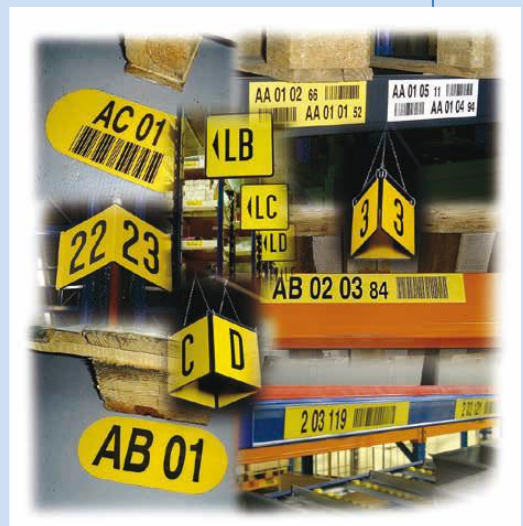


Stationary Scan

Warehouse labelling

One-stop consulting services, design, production and installation

- ▶ Consulting services with respect to the organisation of the industrial space and its marking
- ▶ Printout of permanent labels, boards, templates for the independent application by the customer
- ▶ Service marking of industrial areas
- ▶ Arrangement of the marking team, helpful tools, such as lifts, cranes etc.



Labels & Marking

Comprehensive portfolio made of paper, foil, carton or plastics material

- ▶ For all industries either inside or outdoor usage
- ▶ From simple self-adhesive label up to individual, tailor-made labelling or signage
- ▶ Free choice of confection, colour & print technology
- ▶ Multi layer and multi color technics
- ▶ Label design provided by experienced specialists



Mobile Trolleys

Industry-specific mobile IT workplace for warehousing and production

- ▶ Optimized logistical processes by mobile data-capture, online-processing and printing in logistical and industrial environments
- ▶ Cost effective by reducing walking distances
- ▶ Onboard power supply / 24 h operation
- ▶ Simple and safe battery exchange during ongoing operation, LCD voltage indicator
- ▶ Requires less than 4,5 kg strength to push trolley
- ▶ High payload capacity of up to 150 kg
- ▶ Tested according to DIN VDE 0701-0702
- ▶ w / d / h: 600 x 600 x 1100 [mm]
Shelf: appr. 510 x 510 [mm]
Weight: appr. 95 kg



See Mobile trolley configurator
<https://www.mobilwagen.com/>

Calmo Industrial PCs

**... when standard hardware reaches
it's limits**

Robust Industrial PCs

- ▶ Mini-PCs
- ▶ Embedded PC-Systeme
- ▶ Panel-PCs
- ▶ 19" Industrial Server

Application

- ▶ Maschine Control, HMI
- ▶ Control Cabinets
- ▶ Digital Signage, Infoscreen
- ▶ Edge Device



Service & Support

Mobility & Labelling

- ▶ Barcode consulting / Know how transfer
- ▶ Programming of barcode scanners / App integration
- ▶ Configuration support for label printers
- ▶ Label design
- ▶ Technology consulting automatic identification (AutoID)

- ▶ WLAN site survey for warehouse and production facilities
- ▶ Installation support incl. mounting
- ▶ Warehouse labelling as a service



BlueTraker®

Global communication via Iridium satellite and/or cellular networks

- ▶ Vessel monitoring and control
- ▶ Long Range Identification and Tracking (**LRIT**)
- ▶ Ship Security Alert System (**SSAS**) meets the SOLAS regulations (IMO)
- ▶ Certified by German Lloyd (DNV GL)
- ▶ Anti-sabotage including alarm function
- ▶ Analysis of ship operating data
- ▶ Web-monitoring of vessels (SecondScreen SSAS)
- ▶ ConBox with alarm buttons and sensors for IoT, machine-to-machine communication



Asset Tracking

Supply chain visibility and transport security for high-value, time critical or refrigerated goods and assets

- ▶ Global monitoring of boxes, containers, waggons, trailers and vehicles
 - ▶ Surveillance with a compact recyclable GSM/GPS tracker (electronics, antennae and battery)
 - ▶ Temperature or humidity change alarms
 - ▶ Monitoring of shocks and movements by sensors
 - ▶ Secure encrypted data transfer for data protection
 - ▶ Sealed Lithium battery with a life cycle of 5-6 months
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- ▶ User-friendly webbased operational center
 - ▶ Backend system integration (ERP, SCM)
 - ▶ Alarm messages to mobile phone or PC



Your Contact

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