BARTEC

Agile Tablet PC System Solution

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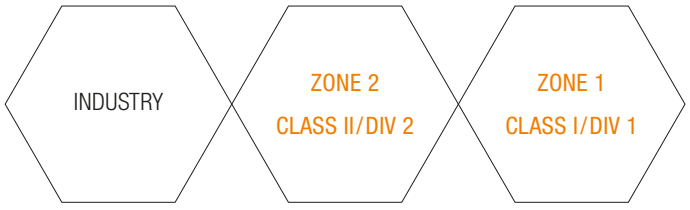
ENTERPRISE MOBILITY –

INTERCONNECT, PROTECT, OPTIMIZE

Communication and collaboration in hazardous areas become increasingly important. Cameras, smartphones and tablet PCs which are interconnected by means of wireless LAN or LTE bring the office together with documentation, process data and quality data directly into the hazardous area. The exchange of data between field usage and headquarters in real time without any loss of quality improves productivity, efficiency and reliability.

In a global network, with strong partners, BARTEC delivers solutions for a mobile acquisition of data from one source. Our range of products for hazardous areas includes hand scanners, mobile computers, tablet PCs, camera systems and smartphones. Ergonomically designed and intuitive operation, the benefits are obvious. Our product solutions are certified for international use and developed specifically for the mobile field worker. The control are designed so that they can also be operated with work gloves.



THE BARTEC SYSTEM SOLUTION FOR ALL APPLICATION FIELDS

Agile for industrial use

The Agile industry tablet PC with a powerful processor from Intel is the ideal tool for mobile applications in transport, logistics and industrial field usage. This device is due to its military certifications extremly robust and easy to operate thanks to its low-reflection, capacitive multi-touch screen with full HD resolution. The tablet is optionally available with 1D/2D imager.

Agile X for use in Zone 2/Div. 2

Agile X offers all Agile industry tablet PC functions and is in addition to that certified for ATEX and IECEx Zone 2/22 and for UL Class I/Div. 2. Usable in both hazardous and non-hazardous areas and equipped with extensive accessories, the Agile X is a system solution for the most diverse application areas.

Accessories for Agile/Agile X

Leather carry case

Shoulder strap

4-point belt

RFID UHF
add-on module

HART
add-on module

Standard battery
5300 mAh

Long-life battery
10600 mAh

2-slot
battery charging station

Radio module 4G/LTE
EU/US

Docking station

Vehicle docking station

Hand strap

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Agile X IS for use in Zone 1/Div. 1

Agile X IS transfers the entire possibilities of the Agile series to operation in hazardous areas in Zone 1/Div.1. In this way, the tablet PCs in the Agile series assures a mobile exchange of data on all field assignments – in both non-hazardous areas, in Zone 2/Div. 2 and Zone 1/Div. 1.

A scan functionality is integrated in the device and the external battery (hot swap) can be replaced directly in the hazardous area without turning off the device. Another class leading feature is the direct access of the USB port via BARTEC USB stick in the Ex area. The many accessory options make Agile X IS suitable for a wide range of applications.

Accessories for Agile X IS

Leather carry case

Shoulder strap

4-point belt

HART
add-on module

External battery
4200 mAh

Cover module

2-slot
battery charging station

MicroSD card

USB stick

Docking station

System approach

Tool-less hot swap battery

Extreme rugged

Future-proof design

Powerful and efficient
processor

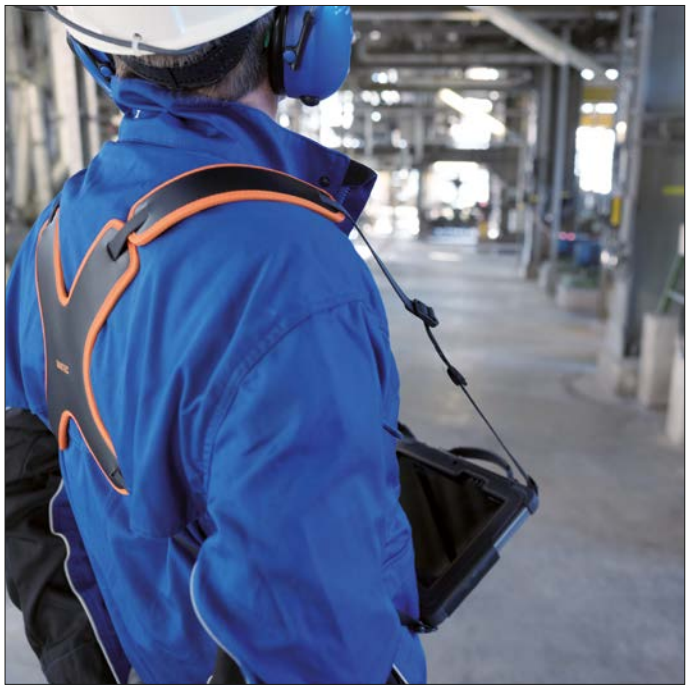
Add-on modules

Multifunctional

Global certificates

AGILE CARRY SYSTEM

The Agile carry system was designed in close consultation with our customers. The design illustrates optimal usability, flexibility and German high quality standards. The examples below show the carrying system at work in the field.



FLEXIBILITY

Agile · Agile X®

TABLET PC FOR USE IN INDUSTRY AND ZONE 2/DIV. 2

The Agile and Agile X industry tablet PCs for mobile applications in transport, logistics and industrial field usage are both robust and powerful – thanks to their IP 65 protection class casing and Intel quad-core processor. Well protected against dust and jets of water, they work reliably at temperatures of -10 °C to +50 °C. Despite being only 1.2 kg in weight, these devices are manufactured to conform to the MIL-STD-810G military certification standard. They have an extremely high resistance to shock and vibration, and can withstand a direct drop from heights over meter (3.28 ft.).

The low-reflection, capacitive 4-point multi-touch screens are easy to read even in direct sunlight. The 10.1" large screens (25.7 cm diagonal) have a resolution of 1920 to 1200 pixels.

An SSD with optional capacity of up to 256 GB, interfaces such as Micro HDMI and USB 3.0 – an innovative system docking station – provide a wide range of connection options. Data is exchanged in real time through Wireless LAN, Bluetooth 4.0 LE and optionally to various third- and fourth-generation telecommunication networks. The devices' location is detected by means of an integrated GPS module.

The devices can also be equipped with the optional 1D/2D imager and RFID/HART add-on-module. The hot-swappable lithium-polymer battery has a capacity of 5300 mAh with an optional upgrade to 10280 mAh. The high capacity battery ensures long lasting power performance in the field.

Docking stations, a unique carrying system, a vehicle docking station and battery charging stations round off the product range perfectly.

FEATURES

- All tablets meet military specification (MIL) requirements
- They are suitable for use at extreme temperatures
- Front-mounted and rear-mounted cameras allow rapid documentation during field work
- The integrated 1D/2D imager captures barcodes precisely and in no time regardless of wind or weather conditions

BENEFITS

- The Agile product family enhances reliable remote access to centrally stored data
- They increase employees' mobility and productivity in the field because they are connected to the central systems from all over the world
- The location-independent exchange of data optimizes work procedures
- The rapid transmission of data updates, inspection and maintenance results increases safety

TECHNOLOGY

- The capacitive sunlight readable 10,1" touch screen is resistant to scratches and allows multi-touch operation with several fingers
- The rapid Intel processor allows customary office applications to be used directly in the field
- The storage battery can be replaced in hot swapping – without turning off the device

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Agile X IS

INDUSTRY TABLET PC

FOR USE IN ZONE 1/DIV. 1

The Agile X IS is introducing a new era in mobile data exchange: the first tablet PC certified completely for Zone 1/Div. 1 is ready for industrial field use. An external battery (hot swap) – that is currently unique – which can be replaced when working without switching off the device in the hazardous area Zone 1/Div. 1, ensures a constant runtime. Another world novelty is the integrated scanner. It was developed especially for requirements in Zone 1/Div. 1. The Agile system encompasses a wide range of accessories, thereby multiplying the devices' possible uses.

The power processor and unique flexibility regarding Windows operating systems gives you the same familiar software environment in the field as you have in the office. Agile X IS ensures sustainable and efficient work results – everywhere and at any time.

FEATURES

- Highly flexible industrial tablet PC with powerful Quad-Core processor for rough environments
- Ergonomic positioned high quality 1D/2D imager SE4500 from Zebra and RFID reader HF/NFC
- Brilliant, high-resolution, bonded 10.1" touch LED display, sunlight readable, rain useable
- High quality 5 MP camera
- Integrated Bluetooth 4.1 LE, WLAN and optional 4G/LTE module
- Unique expansion port for customer specific applications

BENEFITS

- The Agile product family enhances reliable remote access to centrally stored data
- The location-independent exchange of data optimizes work procedures
- The quick transmission of data updates, inspection and maintenance results increases safety

TECHNOLOGY

- The rapid Intel processor allows customers various applications to be used directly in the field
- Only device in the market with external battery (hot swap) directly in Zone 1
- The exchangeable intrinsically safe BARTEC USB 2.0 interface allows an exchange of data directly in Zone 1

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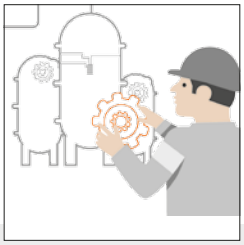
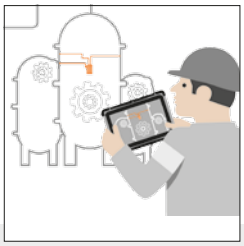
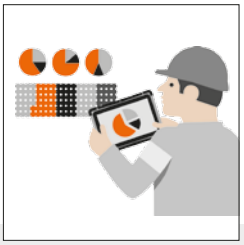
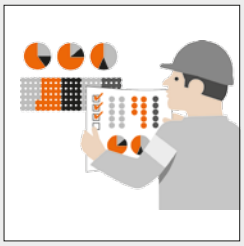
Your partner
for safety
technology.
Challenge us!

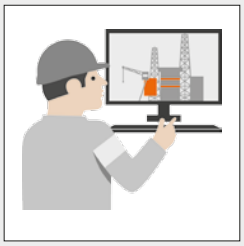
Routine Inspection


Preventive Maintenance


Routine Maintenance


Workflow Management/SAP

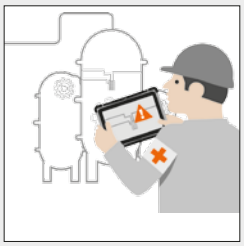

Diagnostics


Online/Offline
Informationen

Ad hoc Inspection

E-Learning

Remote Visual Inspection


Emergency for Machinery

Inventory Control

Emergency for Personnel

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