

HighEnd Security with *unival* group Blast Protection Systems

unival[®] group GmbH

Unival group is a manufacturer and supplier for advanced security technologies in Germany. Our clients are governmental organisations, NGO's, multi-national companies, and security companies in emerging markets.

unival security has distribution offices in Bonn, Sofia, and Dubai and several other international destinations, allowing us to be close to today's emerging markets in order to provide a highly efficient service-structure for our clients.

With a strong focus on blast protection technologies, we have divided our portfolio in three main product groups:

Intelligence - Detection of Explosives (SNIFFEX[®]PLUS/ HEDD1[®])

Counter Measures - FPGA Digital Jamming Systems (DWJ-1)

Physical Protection - Automotive and construction security.

We strive for the best protection for our clients and their assets, with a comprehensive integration of intersecting technologies, with products from our own portfolio and strategic networks ensuring best price/value.

Intelligence - SNIFFEX[®]PLUS - handheld explosive detection device.

We are the exclusive global distributor for SNIFFEX[®]PLUS, a unique handheld explosive detection device.

With SNIFFEX[®]PLUS, the detection of explosives is applicable from average distances between 2-100 metres, even when the explosives are hidden in buildings or in vehicles, or behind barriers, like concrete walls and metal barriers.

SNIFFEX[®]PLUS works for the detection of most conventional explosives including TNT,

Dynamite, Ammonite (+Diesel), PETN, RDX, gun-powder, Semtex, C4 etc., based on its ability to detect the presence of Nitro compounds (-NO₂ or NO₃) within its effective range, but also liquid explosives such as TAP, TATP and other chemical compounds, based on hydrogen peroxide.

Unlike other devices that work with reference cards, SNIFFEX[®]PLUS can detect explosives in one search round only, saving time and resources.

Counter Measures - Frequency and Bomb Jamming System DWJ-1

We supply the most advanced real-time digital jamming systems that are currently available on the market. Our systems allow efficient disabling of powerful radio and cellular communication methods, and special devices, through effective allocation of jamming power, based on the latest FPGA chip technology.

Advantages of our system DWJ-1 are:

- Compact construction (plug and play)
- MIL STD 810
- Totally synchronised wide band 10 MHz to 8 GHz (up to 18 GHz)
- Fully programmable software based on high-end FPGA (Field Programmable Gate Array) technology.
- Fully synchronised, real-time jamming with both sweeping and FPGA controlled jamming (receive signal/ jamming).
- Less hardware in the amplifiers, all main parts are on the FPGA-chip.
- Full synchronisation, which is essential in convoy-mode.
- All system requirements are certified in Germany.
- Remote-controlled via laptop, and programmable via all common interfaces (USB, TCP-IP, RS 232, infrared, LWL)
- Several 100 channels for pre-programmable sweeping in different frequency bands

- EMERGENCY function to double system output for five minutes in high-risk areas, such as bridges etc.. controlled via remote control
- Patented high-end modular antenna for horizontal and vertical radiation
- EMV-shielding

Physical Protection - Automotive and Construction security

Armoured Security Vehicles

Our vehicles are manufactured according to German, European or American safety regulations, and are in full compliance with German quality standards and material guide lines.

- Armoured 4x4 (Toyota LandCruiser200, Lexus LX570...)
- Armoured Limousines (Lexus LS460L, Lexus LS600H...)
- Armoured Trucks (upgrades and armoured cabins)
- Armoured CIT (truck and 4x4 versions)
- Explosafe and Armoured Fuel Tanks
- Run Flat Systems

Construction Security

We manufacture and provide special ballistic and blast-protected constructions, from armoured guardhouses to security facades, special security doors, interlocks, barriers, safe-rooms and customised high-end access control solutions for embassies, courts, VIP's etc..

We also supply ballistic steel from stock, either in the form of cut, flat plate or formed and welded fabrications, profiled to your requirements.

- Ballistic Steel
- Ballistic Ceramics
- Armouring Kits
- Ballistic Blankets
- Ballistic Glass ■

unival[®] group - High End Security Systems

Intelligence · Counter Measures · Physical Protection



Intelligence – Detection of Explosives (SNIFFEX[®]PLUS - HEDD[®]1)

Counter Measures – FPGA Digital Jamming Systems (DWJ-1)

Physical Protection – Automotive and Construction Security

Turnkey

Integration

Armoured 4x4s
Armoured limousines
Armoured trucks
Armoured CITs
Explosafe and armoured fuel tanks
Run-flat systems

Ballistic steel
Ballistic ceramics
Armoring kits
Ballistic blankets
Ballistic glass

Digital bomb jamming systems
Communication jamming systems
GSM (prison) jamming systems
HighTag[™] Tracking
Monitoring systems/ Nightvision
Autonomous (fuel cell) power supply

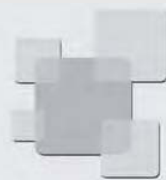
Security containers
Construction-security products
Explosives detection systems
SNIFFEX[®]PLUS
HEDD1[®]

unival security

unival commercial

unival consulting

unival ecoprotect



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