



## Specialist Vehicle Modification

The Exsel Dytecna integration capability ranges across a wide variety of wheeled and tracked vehicles and trailers.

Designs are tailored from user input and mission requirements, with a major concentration on reliability and ease of maintenance and operation.



Husky Protected Support Vehicle Modified to Theatre Entry Standard

### Overview

Exsel Dytecna provides bespoke vehicle and trailer modification solutions for specialist users and unique requirements for Defence, Government and Civilian Industry and has designed, assembled and modified a wide range of vehicles over the last 25 years; from vehicle conversions to support police diving units and search teams, to vehicle installation and integration as the platform integrator for major communications programmes.

### System Integration & Vehicle Installation

Dytecna has provided the capability to bring a number of front line UOR vehicles up to a Theatre Entry Standard (TES) including the installation of communication and force protection installation kits and stowage provisions for tools, equipment and specific to role hardware. Dytecna responsibility included, for example, manufacture, procurement, integration and installation of equipment in 321 vehicles over 14 months.

Design and manufacture of bespoke vehicle and trailer solutions is complemented by a proven protected body system engineering capability. A choice of armour systems are available to meet different roles that vary in weight and protection levels to meet specific civil and military protected vehicle requirements and defeat specified threat levels.



BOWMAN Conversion of Regenerated Viking All Terrain Protected Vehicles



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### Key Capabilities

With capacity for individual and volume production Exsel Dytecna provides tailored designs based on user input and mission requirements, with total emphasis on reliability, ease of maintenance and operation. Integrated vehicle equipment can include:

- Containers or other bespoke body solutions
- Generators
- Power harnesses (manufactured by Exsel Dytecna)
- Alternator upgrades
- Radio communication equipment and EMC & TEMPEST solutions
- IR lighting systems for covert night driving
- Vehicle power distribution systems
- Hydraulic drives
- Hydraulic driven dual alternators
- Air conditioning
- Electronic countermeasure equipment
- Connection to grid power supplies (240V & 110V) through vehicle patch panels
- Bonding and earth testing
- Health and Usage Monitoring Systems (HUMS) / Telematics
- Telescopic masts / surveillance equipment



Jackal MWMIK & Pinzgauer TUM (HD) - Modified to Theatre Entry Standard by Exsel Dytecna