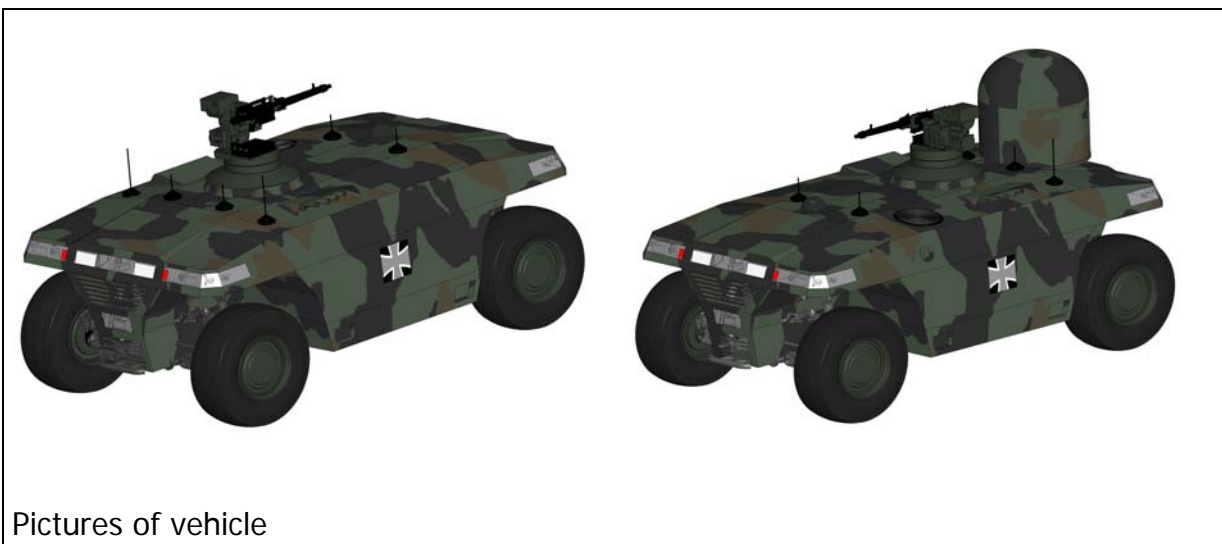



Team Information  
Team **RoboScout**



Pictures of vehicle

Name of vehicle:	Gecko TRS
Picture of team leader:	
Name of team leader:	Ferdinand Zoller
Team Name:	RoboScout
Team E-Mail:	<a href="mailto:fzoller@btse.de">fzoller@btse.de</a>
Website:	<a href="http://www.btse.de">www.btse.de</a>
Location:	Germany
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Team Information  
Team **RoboScout**



**The Team:**

The BASE TEN Engineering Team, under the leadership of Ferdinand Zoller, has been established to build a robot vehicle which is capable to fulfil military tasks such as support of tank troops, reconnaissance, combat search and rescue and other special operations. The robot belongs to the vehicle class of 3000 kg.

The basic vehicle features are:

- Hybrid drive propulsion system with electrical wheel hub motors
- 4 wheel drive
- 4 wheel steering
- Sensor lever arm with reconnaissance components and the capability to carry various payloads.

The vehicle can be controlled via satellite communication, terrestrial communication and WLAN from a Battlefield Operation Centre connected to NetOpFü (NCW). In addition, semi-autonomous operating modes are available. The vehicle acts also as a moving relay station used by the IdZ.

Activities started in April 2005. The modified first vehicle, the Gecko E+ Version, has participated in the ELROB 2006. Subsequent activities are targeted towards building a complete system comprising two vehicles, one remote control centre with antenna systems and payloads (tbd.) which will be ready mid 2010.

The BASE TEN team participates in the ELROB 2008 Military European Land-Robot Trial with an experimental vehicle, the so-called Gecko TRS (*Technologie-Referenzsystem*).

**Participation:**

Sponsors:	none
Selection of scenario:	<ol style="list-style-type: none"> <li>1. Reconnaissance and surveillance <input checked="" type="checkbox"/></li> <li>2. Camp security <input checked="" type="checkbox"/></li> <li>3. Transport <input checked="" type="checkbox"/></li> <li>4. Mule <input checked="" type="checkbox"/></li> </ol>
Proof of citizenship:	Copy of team leader passport