



## Team Information

Picture of vehicle: KLT and antenna ground station



Name of vehicle: KLT



## Team Information



Picture of team leader:

Name of team leader: Ferdinand Zoller  
Team Name: RoboScout  
Team E-mail: fzoller@btse.de  
Website: www.btse.de  
Location: Hallbergmoos, Germany  
Company: Base Ten Systems Electronic GmbH  
Address: Am Soeldnermoos 10  
85399 Hallbergmoos, Germany  
Telephone: ++49-(0811) 5598230  
Fax: ++49-(0811) 5598258

Team Description:

The RoboScout team is Base Ten's entry into competition. A group of software and hardware engineers under the leadership of Ferdinand Zoller (General Manager of Base Ten Systems GmbH) will demonstrate a "Satellite On The Move" SOTM Land Robotic System.



## Team Information

Our vehicle is called KLT (Kommunikations- und Lenkungs Träger) and based on a new unique design of the frame, suspension and steering system. The drive by wire system for the front wheels is controlled via an actuator computer and driven by a vehicle computer. The KLT has among other sensors two video cameras on board. This video information is relayed via a satellite link to a remote ground station. This station allows the steering of the vehicle from an operator up to more than 1000 km distance.

The modings for the vehicle are: pre-planned and SOTM as well as direct hardware link controlled.

The development of the KLT system began in May 2005. At the time the of the initial team application, the vehicle is largely functional and has logged dozens of SOTM miles along a test course.

Sponsors:	none
Selection of scenario:	non-urban