

Press Release

Tactical Communication Server for the German Artillery

ATM ComputerSysteme is a supplier for Artillery computer and Communication systems since more than 20 years.

Recently ATM ComputerSysteme was awarded from the German authorities to deliver 164 items of the Tactical Communication Server MCS2000 KS for the **ADLER II** upgrade program.

The MCS2000 KS manages in the ADLER II tactical network the data exchange on command post level via Ethernet and to the associated subsystems via VHF radio or modem and signal line.

Some of the most important Artillery subsystems are the PZH 2000, COBRA, the Artillery Observer on the FENNEK vehicle and the Fire Direction Center IFAB. In order to interface the radios and modems, the MCS2000 KS is equipped with the communication controller KMP. Depending from the subsystem, the data exchange is based on specific protocols for e.g. ADLER, IFAB or ASCA (Artillery System Cooperation Activities) running on the KMP electronic module.

The KMP is an important component within the ADLER II tactical network because it guarantees the interoperability between the subsystems independent of the realised application.

The MCS2000 KS is a PC system, based on Pentium III, 700 MHz, 256MB RAM and 2 GB Flash disk. Available OS are WN 2000 or LINUX. The compact design (300x300x 60 mm) is well suited for armoured vehicles. The MCS2000 KS is qualified according to the German MIL Standards.

Other systems like the German FülInfoSysH are using the MCS2000 KS as an IP based tactical router with additional interfaces to commercial networks

All the contract items for ADLER II will be shipped in 2004.

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Contact:

ATM ComputerSysteme GmbH
Max-Stromeyer-Straße 160
D-78467 Konstanz
Phone: +49/7531-808-4522
Telefax: +49/7531-808-4363
e-mail: Karl.Dreher@atm-computer.de
www.atm-systeme.de