

Press Release

Modern Display System for the German M109 Howitzers

The contract awarded by the German Procurement Office BWB includes the replacement of the older DEA24 Gun display unit by the GA2000 panel PC and the integration of new application software.

In advance of this contract, ATM Computer developed the application software, running on the GA2000, based on the existent C³I ADLER specification. It includes e.g. the messages for the dialogue between the Fire Direction System FCS and the weapon system. ADLER is the German C³I for the Artillery.

The GA2000 is a panel PC, completely designed to the requirements of the use in the M109 howitzer. By this, the GA2000 fits in the already existing installation kit. The GA2000 is equipped with a 10.4 " EL-display and an intelligent communication controller to interface digital radio. The communication software and protocols for data exchange is interoperable to the existing Fire Direction System IFAB. The new ADLER HDLC protocol, alternately integrated in the GA2000, makes the system fit for the future.

Besides the communication links, the system is interfaced to the vehicle orientation unit FOA offering on request the Gun position data by the GA2000 application software.

A specific designed keyboard with ASCII Standard, function keys and back-light function offers the operator a comfortable assistance under all conditions.

The contract underlines again ATM's competence in hardware, communication technology and artillery specific knowledge.

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