Press release

With TEXnet to ELITE 2004

The air force exercise "ELITE (Electronic Warfare Live Training Exercise)" will take place from 30 April to 14 May 2004 at the HEUBERG military training area in southern Baden-Württemberg. More than 1,200 personnel from 17 nations with more than 90 airplanes and ground-based air defence and command & control systems will utilise this opportunity to train "combined deployment." IABG will support the German air force on site with its test and experimental environment "TEXnet."

ELITE is an annual, complex high-level training of the air force. It represents a particular highlight in the deployment training and further education of the flight crews, the management and functional staff of the surface-to-air missile and radar management services. As the name implies, the focus of ELITE is on the training of "electronic combat (EloCom)."

At ELITE, IABG experts support mission planning and evaluation. The basis for this is the network compatible test and experimental environment TEXnet. It is, so to speak, the foundation on which the simulation systems and components for the different applications are based. For example, the ECONDUA simulation system used during ELITE, which maps air attacks. Additional TEXnet components are used to analyse the effectiveness of the EloCom measures and to record data in the HARM guided missile.

Over and beyond its use at ELITE, the versatility and high quality of the components and simulation systems incorporated in TEXnet was already demonstrated in February this year. In the context of the multinational "Concept Development and Experimentation (CD&E)" programme, the simulation system JOANA was combined with US American models and management systems at the US Joint Forces Command in Norfolk and successfully used in the "Multinational Experiment (MNE3)." JOANA maps the troop level (joint/combined) and can cover the transition from peacekeeping measures to combat measures without a break in media. Small wonder that the participants of the command and control unit in Potsdam assessed JOANA very favourably.

IABG will also be represented at ILA 2004 in Berlin with TEXnet. Visitors can also view the simulation system "BNS," jointly developed by IABG and EADS. BNS is a modern weapons

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system simulation for a future modular air defence system of the army. It enables the analysis of future abilities, can be used to document the history of hardware and software and can be used for training.

IABG places particular value on the fact that a system development across the company, based on the modular software architecture implemented in TEXnet, is feasible and makes sense. BNS provided impressive proof of this. Important key words for technical specialists are “HLA – High Level Architecture,” “PSISA” and “GERTICO.” These technologies facilitate the cross-sectional use of simulation components. This was already successfully demonstrated with “SAMOC,” the future combat headquarters of surface-to-air missile services. For embedded training, SAMOC uses the MOCCA simulation system, developed by IABG and passed its first test during the recent air defence exercise “Joint Project Optic Windmill (JPOW VIII)” in April 2004. The German navy was represented there with its virtual frigate SIMBURG, which is based on TEXnet.

About IABG

The leading European service provider IABG employs around 1,000 employees at 12 sites across Europe. With its Automotive, InfoCom, Transport & Environment, Aeronautics, Space and Defence business areas, it generates around €130 million per year. For more than 40 years, IABG has been supplying its customers from industry and the public sector with tailored, technically demanding experimental, analytical and system technology solutions.