



## **MASA Group leads the way with Command and Control to Simulation Interoperability**

**MASA Group technology was part of a live demonstration by the NATO Modeling and simulation Group 048 (NMSG-048) demonstrations at ITEC 2008. Using the French Land systems C2 system provided by Thales it was possible for the advanced artificial intelligence technology provided by the SWORD™ behavior engine to receive, execute and command subordinate simulated units from Battalion to Platoon bi-directionally with the C2 system without human intervention.**

Paris, June 16<sup>th</sup>, 2008. **MASA Group**, the developer of **Sword Officer Training™** a powerful artificial intelligence based military simulation, and co-developer with *Thales land and joint* of the widely used SCPIO system has achieved a first for a COTS simulation company with the integration of Coalition Battle Management Language (C-BML) with its SWORD™ AI technology. This was repeatedly demonstrated live at ITEC 2008 by the NMSG-048 group and will be further developed in the US soon.

It has long been the dream of militaries worldwide to be capable of having a seamless integration of simulation to command and control. This is not only a huge saving in man power, but is one step closer to integrated simulation decision support in net centric warfare environments. The dream is now a reality!

The SWORD™ behavior engine allows for many thousands of agents to operate in a fully functional command and control environment on a standard PC workstation. This technology until recently was only available to the French MOD, but is now being provided worldwide as part of the expansion of MASA Group. The artificial intelligence technology based on the MASA DirectIA™ language and development environment is the core of the SWORD™ Officer Training simulation. It allows for the modeling of human motivations and goals without limiting the decision process or requiring lengthy development times. MASA has developed a library of over 300 behaviors including logistics, combat, combat service support, refugees and asymmetric threats and will expand this library making it possible for any simulation to take advantage of this powerful and ground breaking technology.

### **More about MASA (Applied Mathematics France) Group**

**MASA Group** is a software company specializing in High Tech and whose purpose is the exploitation of state of the art artificial intelligence solutions to support decision making, resource saving and the creation of virtual human intelligence for the defense, homeland security and games markets . **MASA Group** offers the following products and services:

- simulation engine, human behaviors, for defense and homeland security and games;
- autonomous avatars for virtual worlds such as second life ;
- optimized solutions for waste management and logistics;
- statistical machine learning in order to improve the process control in industries such as semi-conductor production.

**MASA Group** was created in 1996 and has been enjoying the support of Qualis, its main share holder.

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