

TOPFAS

*Leverages Military Expertise
Increases Planning Consistency
Improves Collaboration
Shortens Planning Cycles*

The Story So Far...

The development of the current version of TOPFAS started in 2005 as a completely new capability built using the extensive know-how at NC3A gained through earlier versions of TOPFAS that have been fielded since 2001. The initial planning capability was delivered for MNE4 in February 2006. A field trial was conducted in ISAF IX later that year. In 2007 and 2008 MNE5 and various other national and NATO experiments used TOPFAS. The lessons learned from these trials are fed into the TOPFAS operational baselines. TOPFAS has gone through a rework in 2007 and 2008 to support NATO's revised operational planning process resulting in Version 2.5. The industrialisation of the planning capability (TOPFAS Increment 1) has recently delivered its second version (TOPFAS 4.0) in September 2009

What's Next?

Existing tools are continuously being improved based on user feedback and new requirements from NATO Operations. Industrialization of Systems Analysis and Campaign Assessment capabilities are next in line (TOPFAS Increment 2), while in the Research and Development area the attention is turning towards the simulation of the engagement space for course-of-action validation.



TOPFAS is sponsored by NATO's Allied Command Operations and Allied Command Transformation. TOPFAS is developed by the NATO C3 Agency, together with partners from industry.

Development

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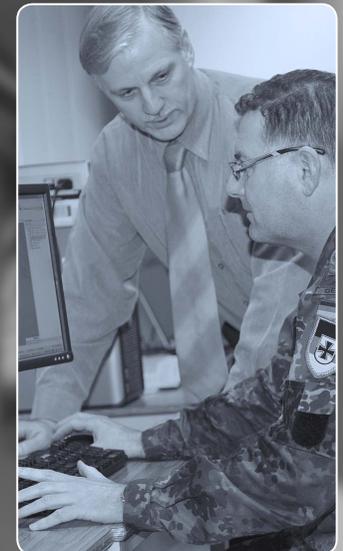
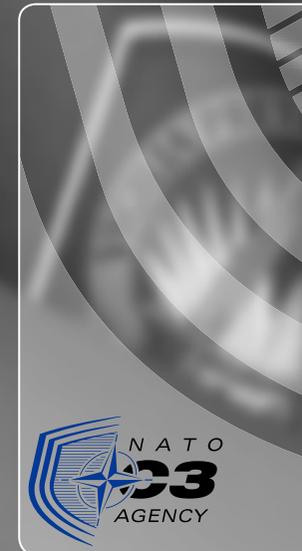
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TOPFAS Tools for Operations Planning Functional Area Services

**Enabling The Comprehensive
Approach to
Operations Planning and Execution**



Pursuing Innovation, Building on Tradition

The new TOPFAS suite uses NC3A's extensive knowhow in building operations planning tools

Familiar Microsoft Office Look and Feel

Object Level Security Labelling

Role based access and privileges

TOPFAS Supports

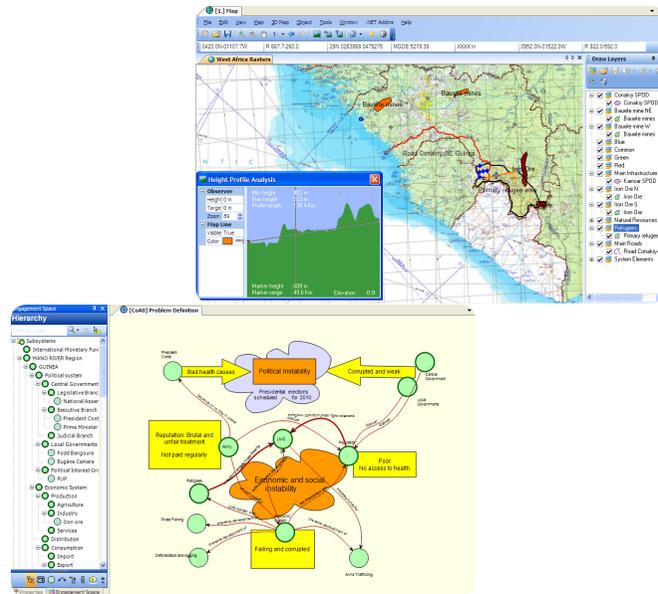
Distributed Collaboration

Multiple Operational Levels

Parallel Planning

Holistic Understanding

Blue, Red and Green Teaming



Would you like to join our user base?

TOPFAS is available to NATO's member nations. Please contact the Points of contact at the back of this information brochure.

TOPFAS is an integrated set of tools to support System Analysis, Operations Planning, Execution, and Assessment of operational campaigns. Information objects created in any one of the tools are available in all others, providing seamless transition of products between various functions of the operations planning group.

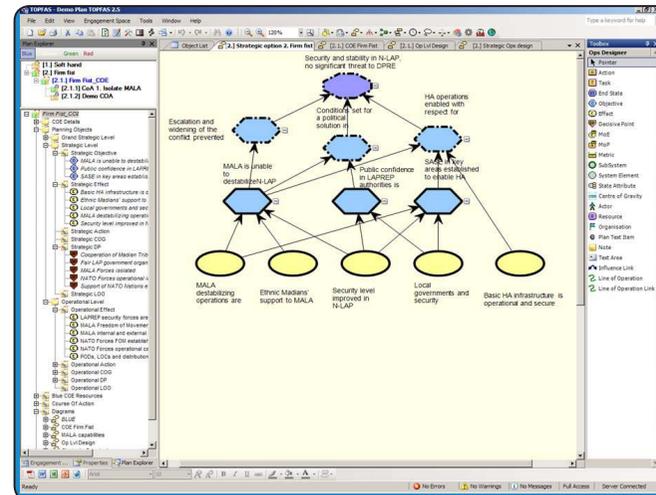
An integrated systems analysis, planning and assessment capability

Web Based Information Sharing

The information content created by the specialist functional groups using TOPFAS can be shared with the wider community of interest using the web technology. A TOPFAS Portal dynamically publishes the information created by analysts, planners and assessors to those who need it. The TOPFAS Web Services provide the same information to other CIS tools. Domain ontology for planning objects, to facilitate information exchange with other systems via webservices, is also provided.

Briefing and Document Generation

TOPFAS aims to free up analysts, planners and assessors from briefing and document generation and let them concentrate on the substance. The Bookmark Manager allows briefings to be given directly from the tools. Export capability to MS PowerPoint is also available. All major planning documents can be automatically generated in MS Word from the information entered in to the tools and using organisation specific style sheets or templates. Ad-Hoc documents can be designed and generated on the fly.



SAT

Systems Analysis Tool

SAT supports the systems analysis of the engagement space for holistic Situational Awareness and Understanding (SA/SU). Systems analysts can describe the engagement space as a system with system design and influence relationship diagrams. System elements can be ranked according to their centrality using network analysis techniques.

OPT

Operations Planning Tool

OPT is a campaign planning tool that helps answering what, where, when and who questions by providing causal, geo-spatial, temporal and resource views. Multiple strategic options and operational courses of actions can be developed and synchronized in space and time. Multi-actor perspectives can be represented in the same plan.

CAT

Campaign Analysis Tool

CAT supports measuring progress towards the planned end-state through measures of effectiveness and performance. It allows assessment planning, metric data collection and reporting as well as statistical data analysis including causality and trend analyses. Findings are fed back for future planning.

