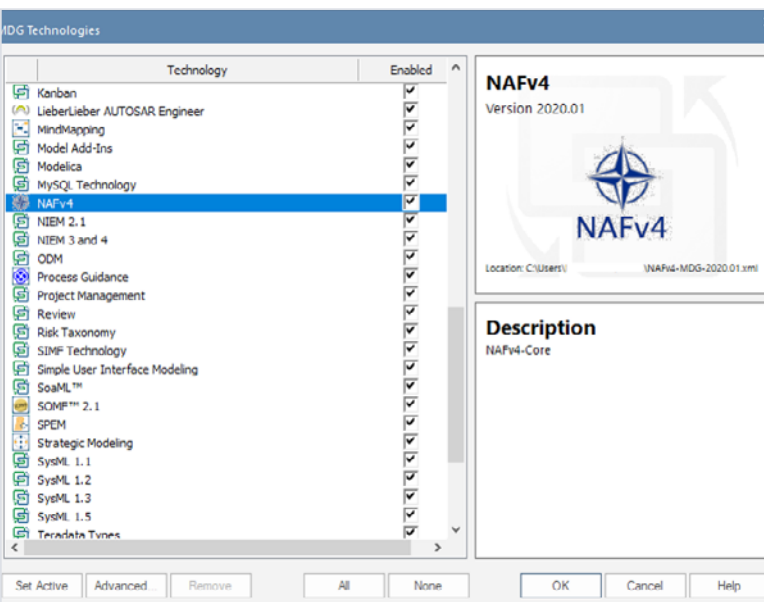


SparxSystems CE: NATO nations and partners rely on Enterprise Architect

The NATO Framework NAFv4 is a comprehensive framework for the application of enterprise architectures in military and non-military contexts. To apply the framework with the UAF Metamodel, Germany and Switzerland use Enterprise Architect as their standard modeling tool. In a webinar on June 10th, a real civil use case from Switzerland will be presented.



The objective of the NATO Architectural Framework Version 4 (NAFv4) is to provide a standard for the development and description of architectures for both military and business purposes. The framework is designed to be expanded by NATO member states and partners according to their own requirements. Germany and Switzerland, for example, use this possibility to create their own views, e.g. requirement views, in their projects. Christian Freihoff, from the systems architect at the German Federal Armed Forces, and Beat Lang from the Swiss Armed Forces are working

The NATO Framework NAFv4 is a comprehensive framework for the application of IT architectures in a military and non-military context

	Taxonomy		Structure	Behaviour			Information	Constraints	Roadmap	
	C1	C2		C3	C4	C5	C7	C8	Cr	
Concepts	Capability Taxonomy NAV-2, NCV-2	Enterprise Vision NCV-1		Capability Dependencies NCV-4	Standard Processes NCV-6	Effects NOV-6b	Performance Parameters NCV-1	Planning Assumptions	Capability Roadmap NCV-3	
	C1-S1 (NSOV-3)									
Service Specifications	Service Taxonomy NAV-2, NSOV-1			Service Interfaces NSOV-2	Service Functions NSOV-3	Service States NSOV-4b	Service Interactions NSOV-4c	Service I/F Parameters NSOV-2	Service Policy NSOV-4a	Service Roadmap
	L1-L3 (NOV-1)									
Logical Specifications	Node Types NOV-2	Logical Scenario NOV-2		Node Interactions NOV-2, NOV-3	Logical Activities NOV-5	Logical States NOV-6b	Logical Sequence NOV-6c	Logical Data Model NOV-7, NSV-11a	Logical Constraints NOV-6a	Lines of Development NPV-2
	L4-P4 (NSV-5)									
Physical Resource Specifications	Resource Types NAV-2, NCV-3, NSV-2a,7,9,12	Resource Structure NOV-4, NSV-1		Resource Connectivity NSV-2, NSV-6	Resource Functions NSV-4	Resource States NSV-10b	Resource Sequence NSV-10c	Physical Data Model NSV-11b	Resource Constraints NSV-10a	Configuration Management NSV-8
	A1-A8 (NAV-1)									
Architecture Meta-Data	Meta-Data Definitions NAV-3b	Architecture Products NAV-1		Architecture Correspondence ISO42010	Methodology Used NAF Ch2	Architecture Status NAV-1	Architecture Versions NAV-1	Architecture Meta-Data NAV-1/3	Standards NTV-1/2	Architecture Roadmap
Specific MDG Technology for NAFv4										

intensively on NAFv4 at NATO level and are responsible for national extensions:



Christian Freihoff
Federal Office for Equipment,
Information Technology and
Utilization of the German
Armed Forces



Beat Lang
Command Support
Organisation of the
Swiss Armed Forces

„Framework Version 4, which was released in January 2018, now contains its own methodology for the development of architectures and the implementation of architecture-related projects. The layout of the views and the document itself are clearer and easier to understand, which has significantly improved accessibility. Germany and Switzerland use Enterprise Architect as their standard modelling tool, but it is also widely used in other NATO nations and partners as well as in industry“.



Peter Lieber, founder and owner
of SparxSystems Central Europe

Peter Lieber, founder and owner of SparxSystems
Central Europe:

„Enterprise Architect is also popular with its more than 850,000 users for its ability to easily and quickly develop extensions for specific use cases using MDG technologies. We are very pleased that Christian Freihoff and Beat Lang have used this opportunity to bring additional benefits from NAFv4 to Germany and Switzerland. We are grateful that this extension is available free of charge to all interested parties to make the use of the framework even more interesting for others“.

NAF is intended to ensure that the architectures developed under its auspices can be interlinked in many organisations, including NATO and other initiatives. Indeed, the traditional development approach has often led to a collection of disparate systems that have never been sufficiently interoperable. As a result, systems have not delivered the expected benefits of interoperability, operational robustness, cost reduction and flexibility for change. The NAFv4 MDG developed by Germany and Switzerland implements the UAF metamodel of the OMG.

NAFV4: architectural frame- work for military and business

- Common language for architects
- Unified architecture management
- Requirements for the description and presentation of architectural information
- Establish interoperability between architects
- Compatible with international standards of ISO/IEC/IEEE, TOG and OMG

**Further information and possibility
of download can be found here**

<https://www.sparxsystems.eu/nafv4>

About SparxSystems Central Europe

Sparx Systems Pty Ltd (Australia) was founded in 1996 and is the manufacturer of Enterprise Architect, a globally successful UML modeling platform. Enterprise Architect is used to design and build software systems, to model business processes and to model any process or system. Enterprise Architect in its current version 15 is valued by over 850,000 users for its performance at an unbeatable price. Enterprise Architect is an easy-to-understand, team-oriented modeling environment that supports companies in the analysis, design and creation of precisely traceable and documented systems. With the help of this tool, companies are enabled to centrally collect and display the often very distributed knowledge of teams and departments.

In order to offer the best service around Enterprise Architect to the numerous customers in their language and time zone, SparxSystems Software Central Europe was created in 2004, which supports the entire German-speaking region in the acquisition of licenses as well as through training and consulting.

www.sparxsystems.de