



MSSSTICK

... VISUALIZE MILITARY MAP LAYERS AND UNIT STRUCTURES ...

Factsheet

the MssStick ...

... contains



MssDraw

Generate and manage military map layers and design military reference grid systems.



MssComposer

Organize the military unit structure and resources.

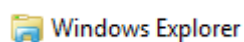
the MssStick ...

... runs without installation

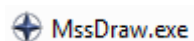
Start the applications in 3 steps:

1. Plug in the MssStick into the USB-Port

2. Open the Explorer

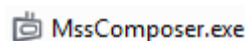


3. Start the Program



MssDraw.exe

MssStick / MssDraw / MssDraw.exe



MssComposer.exe

MssStick / MssComposer / MssComposer.exe

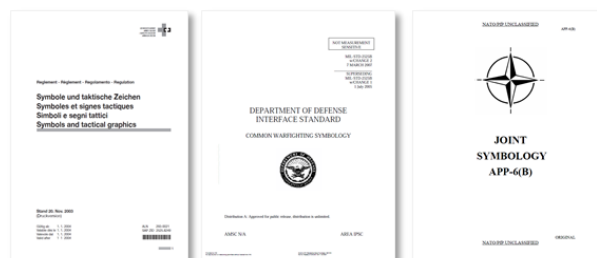
MSS ...

... the standard

The MssStick is based on the gs-soft product **MSS (Military Symbol Service)**. MSS is implemented into the following systems in the Swiss Armed Forces:

Project	Manufacturer
FIS HE	THALES, APEC
INTAFF	TADIRAN
IFASS	ELTA ,THALES
<u>PCMap</u>	EADS
BERFIS	ELCA
APM / KERDA	gs-soft
FhrDat	gs-soft
<u>MSS Draw and MSS Composer</u>	gs-soft

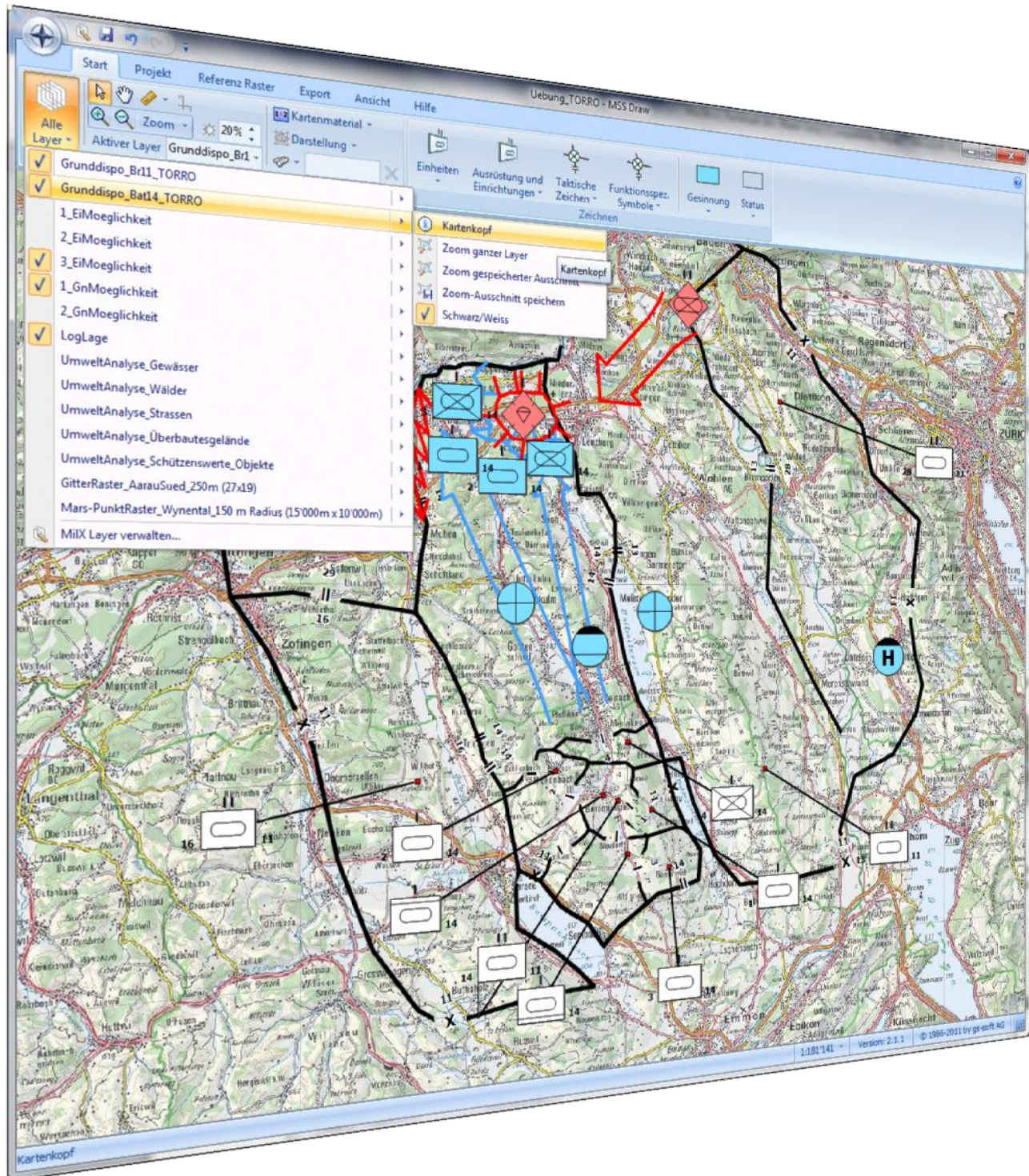
The Product **MSS** is based on the standards: APP-6A [NATO] / MIL-STD-2525B [US] / Regl 52.2 (Symbole und taktische Zeichen) [Swiss Armed Forces].



the MssDraw ...

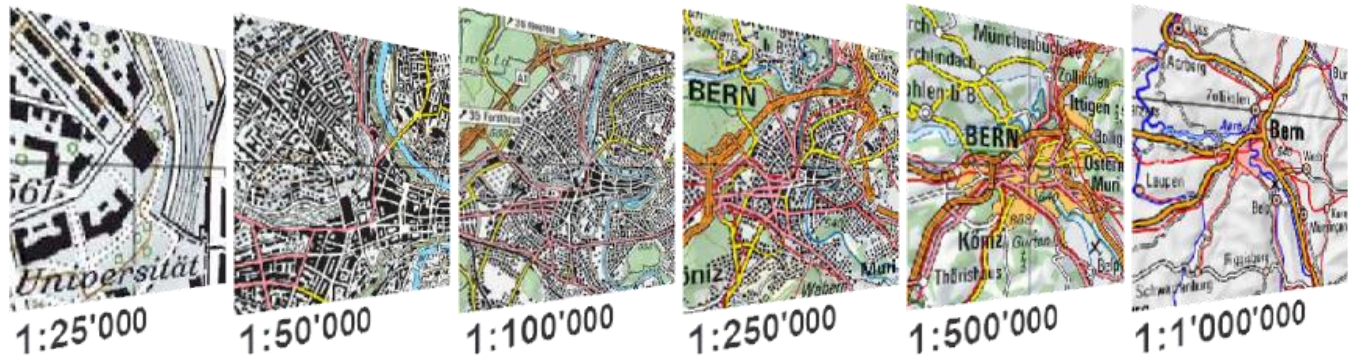


... visualizes military map layers



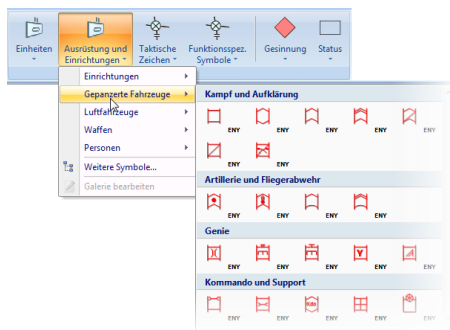
Maps

The underlying raster maps are implemented for the Swiss Armed Forces into the MssStick:



The maps can be continuously zoomed depending on the scale and the zoom factor. This enables a smooth zoom-behavior and the best resolution for each hierarchy level.

Symbols and tactical Graphics

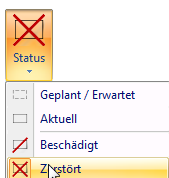
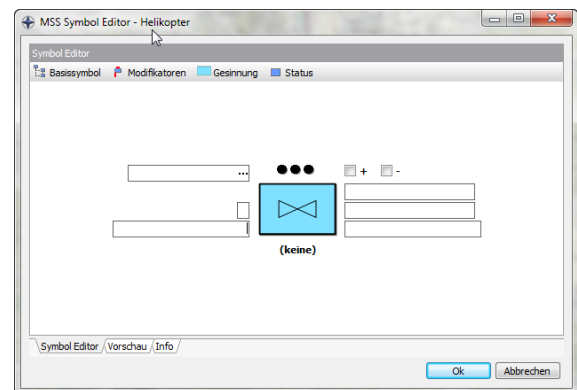


Frequently used symbols and tactical graphics are structured within a **Gallery**. This provides an easy and fast access to the correct symbols and reduces the time to set up a military map layer.

The **MSS Symbol Library** includes all in all over 2000 different symbols and tactical graphics.

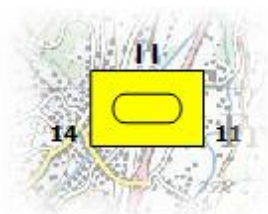
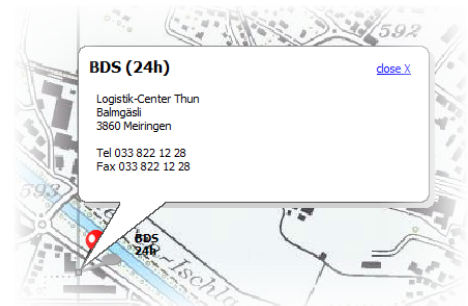
The **SymbolEditor** provides the possibility to add additional information to the chosen symbol.

Symbols are standardized in the MssString-Format and saved in a space-saving XML-Format.



The **State** of each symbol can be modified anytime.

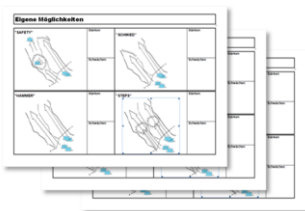
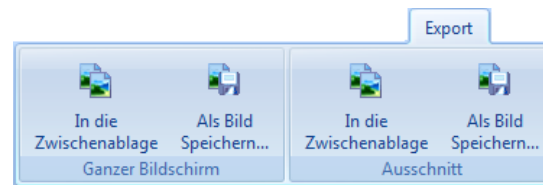
Pins offer the illustration of important Text-Information on the map.



The **Fill-Color** of each symbol can be changed selectively.

Export-Funktion

The **Export-Tab** provides easy-to-use functions to export map sections.



The simple and fast generation of **military Documents** in PowerPoint, Word, ... is supported with the intuitive copy-to-clipboard function.

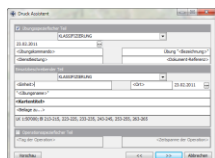
The **GoogleEarth-Export-Funktion** enables the export of military map layers from MssDraw directly into GoogleEarth.



The exchange of military map layers with other management systems within the Swiss Armed Forces (FIS HE, INTAFF, BERFIS, ...) is provided with **MSS MiIX**.

Print-Function

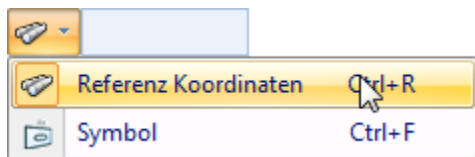
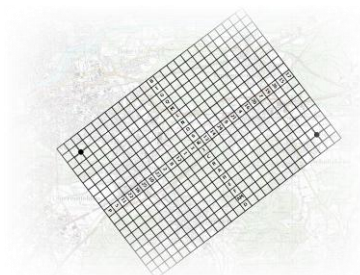
The **Print-Assistant** guides through the process of creating a PDF, paper or foil output of the military map layer.



A “**Legend**“ (legend) can be filled and printed for each military map layer. The legend is saved as a part of each layer.

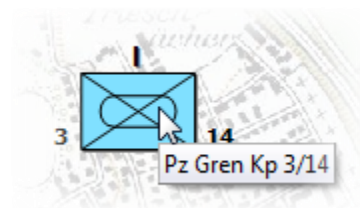
Look up and Grids

The MssDraw provides the possibility to generate and share military **Reference-Grids**.



A **Search-Function** supports a fast way to find and jump to units or points within the Reference-Grid.

The function “**Hints**“ enables the dynamic fade in of the unit name of the symbols drawn onto the map.



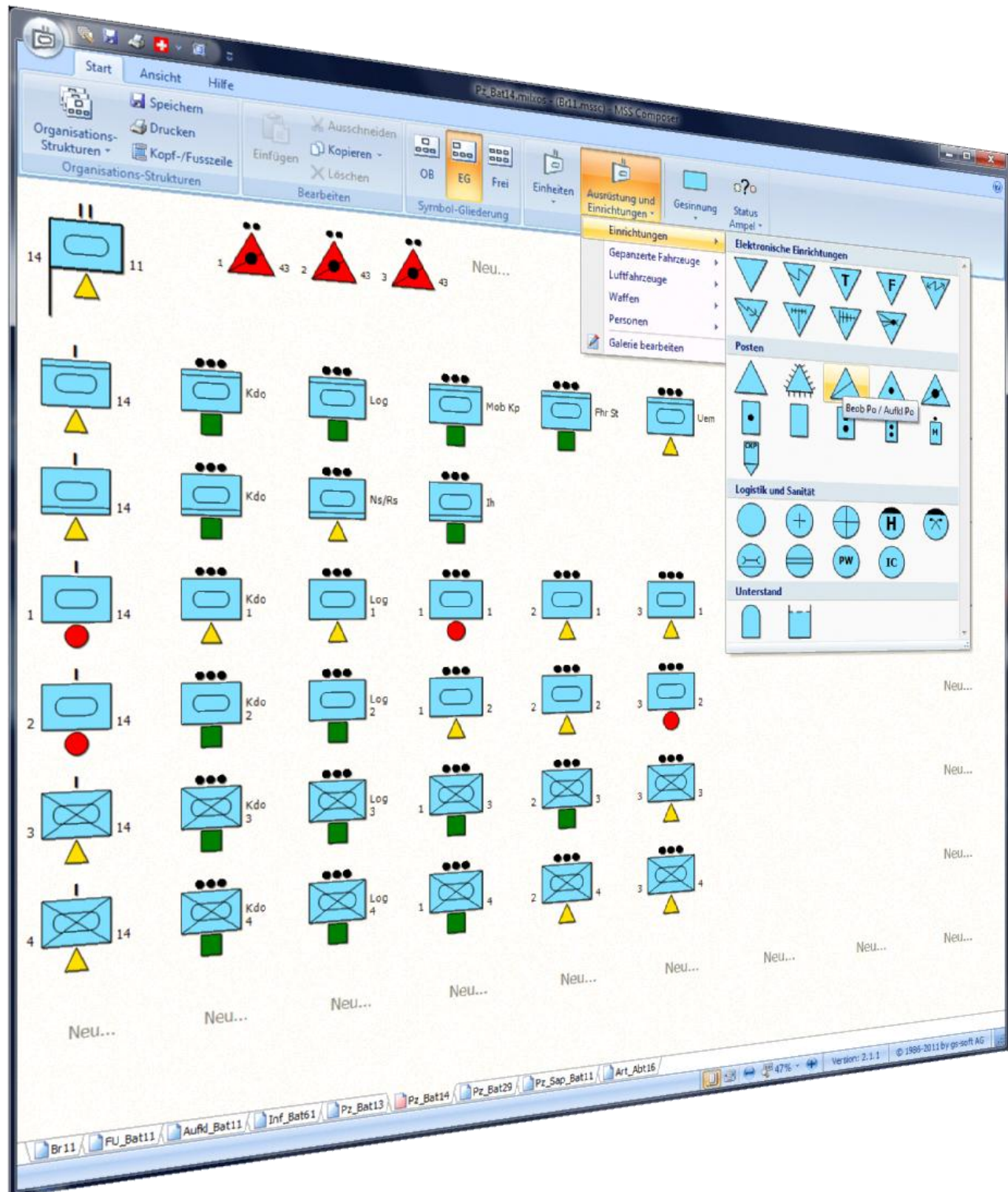
Symbol	Layer
Pz Bat 13/11	Grunddispo_Br11_TORRO
Pz Bat 29/11	Grunddispo_Br11_TORRO
Pz Bat 28/11	Grunddispo_Br11_TORRO
Pz Bat 16/11	Grunddispo_Br11_TORRO
Stab Pz Bat 14/11	Grunddispo_Bat14_TORRO

It's possible to **search** for the **dynamic Unit Names** within the displayed military map layers.

the MssComposer ...

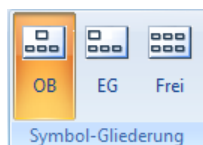
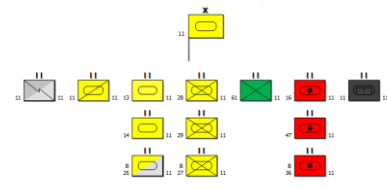


... shows the unit structures



Order of Battle

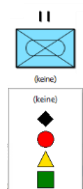
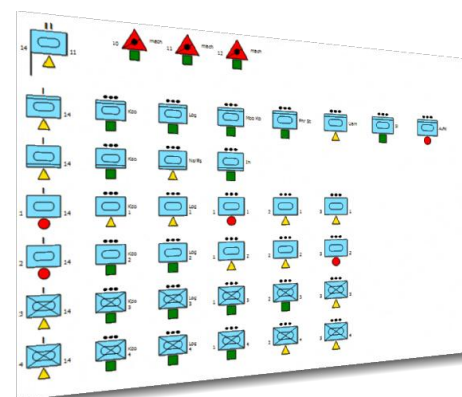
Enables a simple and fast way of generating an **ORBAT** (Order of Battle) and **operation specific structure** of units and resources.



Change between the ORBAT layout and the operation specific layout **with a single click.**

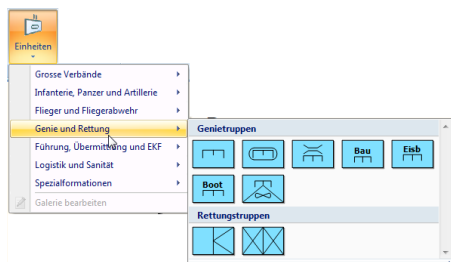
Manage the **structure** of the unit and keep it up to date in all phases.

Change the command structure within the unit using the **drag&drop** function.



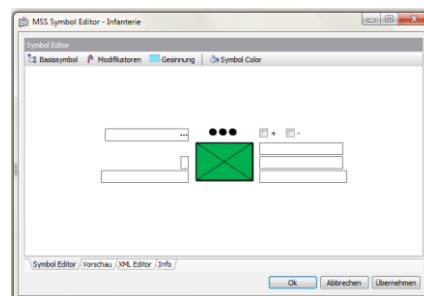
The status of each unit can be shown and constantly updated with the **“traffic lights”**.

Symbol Gallery

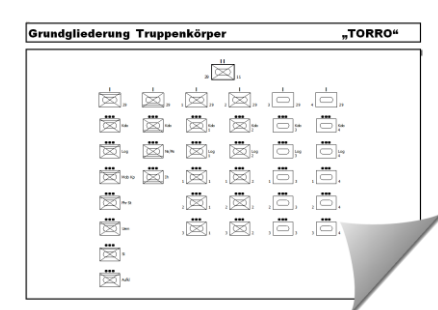


Frequently used symbols are structured within a **Gallery**. This provides an easy and fast access to the correct symbols and reduces the time to create an ORBAT.

The **SymbolEditor** provides the possibility to add additional information to the chosen symbols as well as to change the **Fill-Color** of the symbol.



Export-Funktion



The intuitive export function provides a fast transfer of the ORBAT into **military Documents** in PowerPoint, Excel, Word, ...

productive within hours

Hilfe

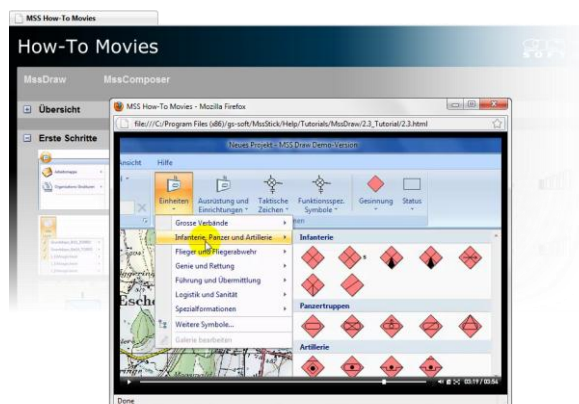
Video-Tutorials as well as a document for the short keys (shortcut keys) can be found in the “Hilfe“-Tab of each application.



Tutorials

This part includes a video tutorial which shows and explains all the functions step by step.

The **“How-To-Movies“** are designed for first time users as well as a repetition for advanced users. It should provide a platform for new users to master the tool within a few hours.



Tastenkombinationen

This overview lists the relevant short keys (shortcut keys). It is designed for intermediate and advanced users.

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Switzerland

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