swisscom

AVANTI

An emergency requires a fast response. AVANTI makes this possible with a professional, efficient software solution for the emergency services.

An emergency call has top priority. Without delay or error, it must be answered professionally and forwarded efficiently to the relevant emergency personnel or department. This involves not only fast communication but also the correct use of resources and rapid, direct distribution of information. Swisscom is meeting the growing demands of the emergency services with its comprehensive range of AVANTI solutions.

What is the AVANTI range of solutions?

AVANTI is a leading service provider for Swiss security and rescue organisations. In 14 police, fire and rescue operation centres, AVANTI is successfully used 24/7 every day.

The AVANTI operations management system, together with AVANTI office solutions, has been installed at over 4000 workstations. It provides effective support for emergency personnel in their every-day work.
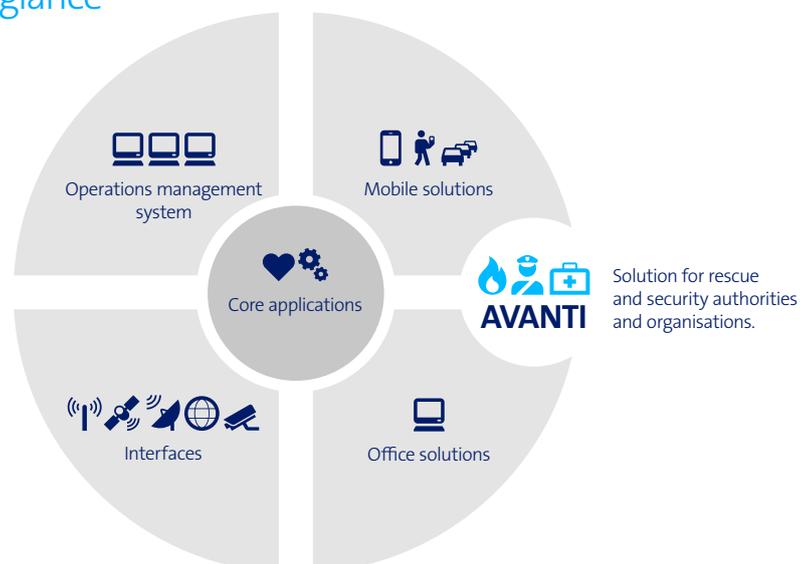
AVANTI comprises a comprehensive range of secure software modules that meet all the specific needs of the emergency services. The software is based on state-of-the-art object-oriented technology and can easily be incorporated in an existing system environment.

How you benefit

With AVANTI

> communicate securely using the very latest technology, with high reliability guaranteed.
> get real-time data on resources, personnel and equipment.
> be productive and efficient thanks to individually tailored software solutions.
> reliably protect medical and criminal justice data
> manage all information and data with a single software solution.

The solution at a glance

Operations management system

Mobile solutions

Core applications

Interfaces

Office solutions

AVANTI — Solution for rescue and security authorities and organisations.

Facts & Figures

The modular AVANTI solution is based on state-of-the-art GUI components and ensures secure operations management. It supports situation appraisal, provision of additional information, and the alerting and deployment of managerial and operative personnel.

AVANTI modules at a glance

Operations management system

Operations management	AVANTI operations management facilitates oversight, situation appraisal, correct decision-making and seamless collaboration, providing an overview of logged calls, pending calls and current cases. When an emergency call or alert comes in, the operations management module helps the recipient to take the immediate steps required, always in accordance with the rules. Effectiveness is increased thanks to communication tools that are easy and quick to use and a high degree of flexibility with regard to deployment types. All actions are logged.
Geographical information system	Successful management is a question of overview. The geographical information system visualises location-dependent information using GPS coordinates and supports interactive collaboration with the operations management system.
Info system	The info system is the information platform for the whole organisation. It can be used to subdivide all relevant information according to people, organisations, company data, deployment data, object information, communication logs, etc. This application can be used in the operations centre, in the office and on the move.
Duty roster	This modern planning and control tool can be used to create duty rosters for emergency personnel, including monitoring of staff numbers and requirements for detailed resource planning. User-defined views facilitate roster planning and printing. This application can be used in the operations centre, in the office and on the move.
Team planning	With team planning, resources can be deployed in a targeted way, and transport can be planned and coordinated. For rescue organisations, the module can display occupancy levels for hospitals and rescue vehicles.

Core applications

Master data management	Master data management captures all the data required for the successful use of AVANTI. It also serves as a nerve centre for the sharing of other non-AVANTI applications (e.g. personnel system, LDAP, etc.).
Object office	The object office provides numerous possibilities for capturing and managing data from objects and technical alarms (e.g. IG TUS). Every organisation can quickly access a range of detailed information about the object concerned in AVANTI.
Single sign-on	All AVANTI applications use a single sign-on login system.

Mobile solutions

eAVANTI	eAVANTI combines the main modules GIS, ELS, IS and Journal, specially developed for an HTML solution on tablets and smartphones, in a user-friendly application. Existing authorisation structures are also available in eAVANTI.
AVANTI mobile	Important information such as deployment data, documents, GPS data, etc. can be sent from the operations management system to the AVANTI mobile (Windows tablet). Status reports can also be sent from the AVANTI mobile to operations management. Most data is also made available to users offline. The Journal and Post-processing applications are available on the AVANTI mobile.

Facts & Figures

Office solutions

Personnel information system	This is a personnel management system which, for example, illustrates and supports processes such as recruitment and annual staff appraisals.
Post-processing	This rapid information and communication hub is used for electronic message transmission both within the organisation using a web client and externally via e-mail, fax, pager and SMS.
Departmental communication	This rapid information and communication hub is used for electronic message transmission both within the organisation using a web client and externally via e-mail, fax, pager and SMS.
Equipment management system	Equipment management includes planning, procurement, distribution, maintenance and evaluation of equipment and supports the organisation's operations. Clothing, office equipment, consumables and rental equipment are available in four separate online shops. Warehouse management and equipment control are also useful.
Info system	The info system is the information platform for the whole organisation. It can be used to subdivide all relevant information according to people, organisations, company data, deployment data, object information, communication logs, etc. This application can be used in the operations centre, in the office and on the move.
Duty roster	This modern planning and control tool can be used to create duty rosters for emergency personnel, including monitoring of staff numbers and requirements for detailed resource planning. User-defined views facilitate roster planning and printing. This application can be used in the operations centre, in the office and on the move.
Journal	The electronic departmental log records all calls and events that come to the attention of the police and any authorised person. Log entries recorded in the system are also quickly and reliably made available to all authorised persons. Data fields specifically defined in advance for this purpose are ideally tailored to police processes. This enhances the quality of log entries and supports subsequent data processing. This application can be used in the operations centre, in the office and on the move.

Enter the digital future with Swisscom

Visionary companies use the possibilities of digitisation to reinvent the future. With numerous innovations, Swisscom is opening up new areas of business. We see it as our responsibility to help you maximise the benefits of digitisation.
We will provide you with the best network infrastructure, secure data storage, reliable project management, successful implementation and numerous innovative solutions.

Welcome to the country of possibilities.

Together we can
increase sustainability