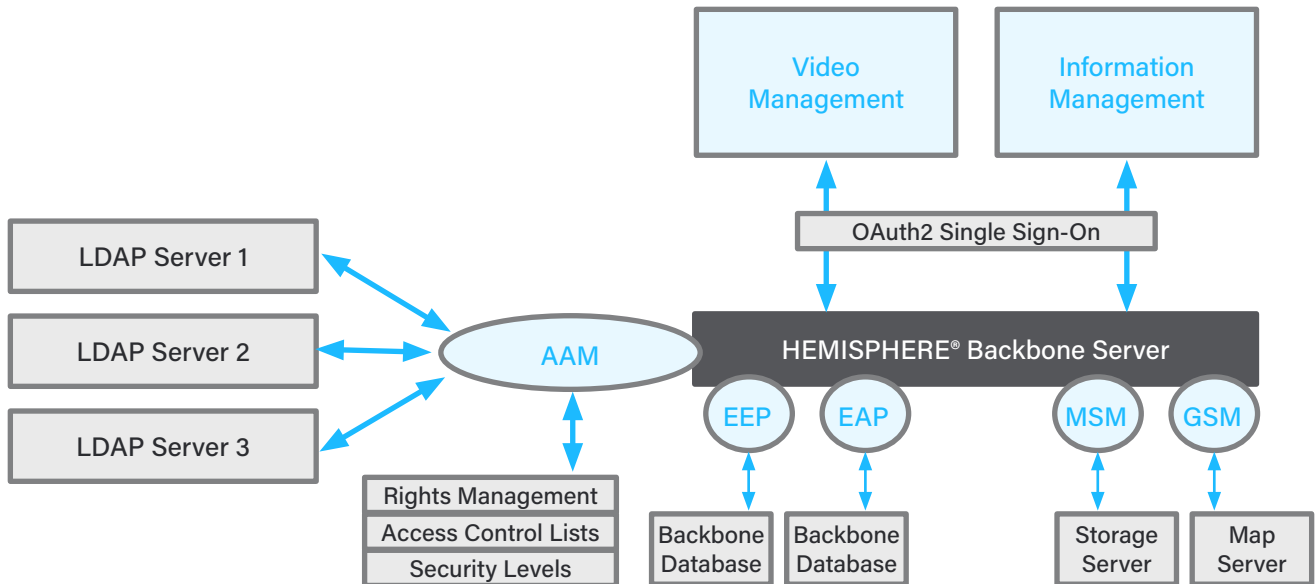


Advanced Authentication Module

HEMISPHERE® AAM Module for central administration of authentication and authorization of all users of the HEMISPHERE® system



The HEMISPHERE® Backbone Server Software with its integrated modules forms the central and extremely powerful system for the efficient and rule-based distribution of data as alarm messages, status messages, event messages or authorization information between all components of a HEMISPHERE® Security and Business Management System.



Function

The HEMISPHERE® Advanced Authentication Module (AAM) is the central instance for authentication and authorization of all users of a HEMISPHERE® system. The module allows the connection to existing LDAP user management systems and supports continuous synchronization at an individually adjustable interval.

OAuth2 Standard

The module uses the modern and secure OAuth2 standard for authentication and authorization of users and services on SeMSy® workstations and HEMISPHERE® modules. The protocol offers high security and manages the access of all users and resources to the protected modules and applications of the entire HEMISPHERE® system.

Kerberos Authentication Service

The HEMISPHERE® Advanced Authentication Module can optionally be used in combination with the distributed authentication service Kerberos. This service allows the authentication of all users in applications and modules over single sign-on with the access data of a workstation.

Dual Login

The Dual Login option allows to extend the login process to a two-user login. If two users log on to a workstation one after the other, they gain higher rights. This way, certain areas of a HEMISPHERE® SeMSy® system such as configuration or editor applications can be reliably protected against unauthorized access.

Rights Management

The access rights to HEMISPHERE® modules are managed for users over user group authorizations. This is done with a graphical user interface, by simply activating or deactivating the access rights to the individual modules.

Access Control Lists

The defined group permissions can be extended by access control lists. This option allows the activation of additional rights for individual functions and data which can be defined in the HEMISPHERE® modules.

Security Levels

The stored media files of the HEMISPHERE® system can be protected against unauthorized access by assigning security levels. User groups are allocated to a certain security level for this purpose and thus have access to all files up to their level.

Configuration

The HEMISPHERE® Advanced Authentication Module provides a graphical user interface for configuration, which can be accessed platform independently with a web browser.

Hardware

The HEMISPHERE® Advanced Authentication Module is installed directly with the HEMISPHERE® Backbone Server Software. A separate server is not required.

Licensing

The license for the HEMISPHERE® Advanced Authentication Module as well as 20 web client licenses for configuration are included in the scope of delivery of the HEMISPHERE® Backbone Server Software.

