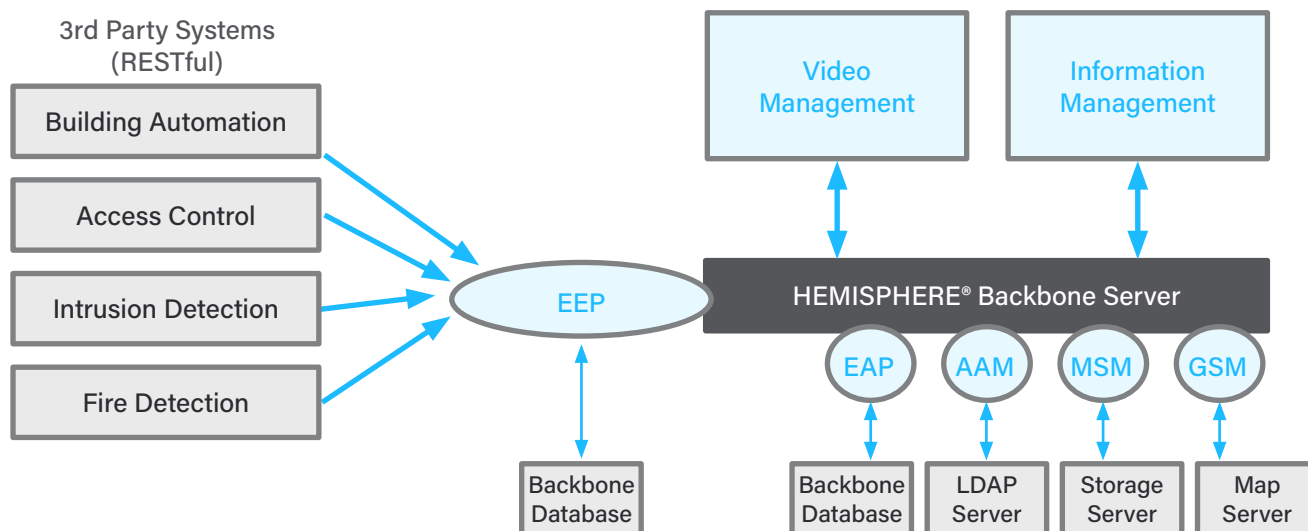


# Enterprise Event Processing Module

HEMISPHERE® EEP Module for the connection of 3rd party systems over RESTful protocols and the forwarding of stats as messages



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® Enterprise Event Processor Module (EEP) allows the easy connection of 3rd party systems via standardized network protocols (RESTful) and established web standards (XML, SOAP, JSON). These enable the passive reception of states from the connected systems, their linking to predefined events and subsequent forwarding to the HEMISPHERE® system.

## Events

The HEMISPHERE Enterprise Event Processing Module can link the received states of the connected systems with predefined events using an identifier. If an event is triggered by the associated state, further actions and workflows can be initiated automatically, as well as the sending of a corresponding message to the event inbox of a HEMISPHERE® workstation. In addition, each event is archived in the integrated database with all associated data.

## Criticality

The HEMISPHERE® Enterprise Event Processing Module allows the assignment of a priority or criticality for each event. In the event inbox of a HEMISPHERE® workstation this classification can be used to search and filter relevant messages. In addition, this assignment allows the creation of rules according to which critical event messages are only sent to certain operators or groups.

## Workflow

The HEMISPHERE® Enterprise Event Processing Module enables the definition of automatic actions triggered by an event, such as the automatic sending of an e-mail. The clearly arranged configuration dialog also allows the definition of entire workflows by precisely combining even simple if/then instructions.

## Alarms

The HEMISPHERE® Enterprise Event Processing Module can pass event messages to the HEMISPHERE® Enterprise Alarm Processing Module. If an event is triggered, further actions and workflows as well as the sending of a corresponding alarm message to the alarm inbox of a HEMISPHERE® workstation can be initiated automatically. There an alarm layout can also be triggered to increase the operator's attention. Finally, each alarm is archived in the integrated database with all associated data.

## Configuration

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

## Hardware

The HEMISPHERE® Enterprise Event Processing Module is installed directly with the HEMISPHERE® Backbone Server Software. A separate server is not required.

## Licensing

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

