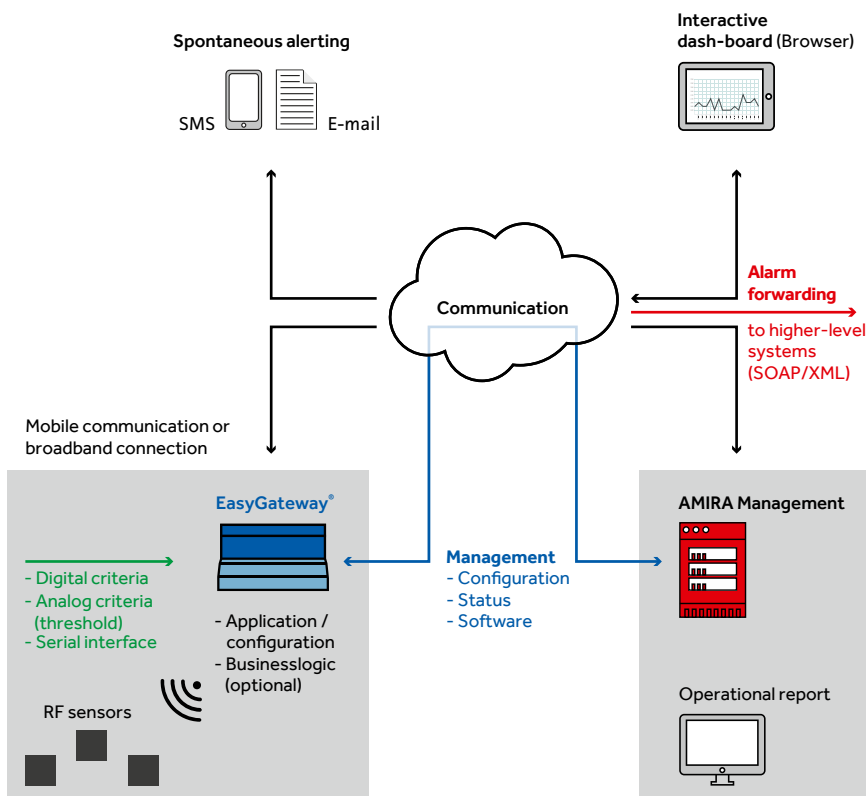


Managed Service – Alarm Logging and Forwarding

Alarm criteria monitoring and alerting: implemented easily, quickly and cost-effectively with «Alarm Logging and Forwarding» from Aartesys.

The IP-based solution for alarm logging and forwarding of digital or analog criteria is excellently suited for setting up alarm networks that are distributed over wide geographic areas. An integrated mobile module and a standard Ethernet port permit communication via both mobile and fixed networks. As http and https Internet protocols are exclusively used, no special settings or activations on security systems (Firewalls) are required.





Spontaneous alerting

On principle, each alarm is forwarded to the AMIRA management system. Depending on the configuration, spontaneous alerting is implemented via SMS to one or more mobile phones, and additionally via e-mail to one or more e-mail addresses directly from the EasyGateway.

Dash board

A dash-board view that displays the current alarm status and a history can be opened from the system portal via the browser.

Alarm forwarding

Logged alarms can be forwarded via SOAP/XML, via telecontrol protocols or via a customized interface, to a higher-level (control) system.

Standard communication elements

Commercially available SIM cards and m2m products can be used for mobile communication – no special configuration, such as a static IP address, etc. is required. For increased security requirements, VPN solutions can be implemented for protecting the communication.

The integrated Fast Ethernet connection allows for broadband communication via all current media, such as e. g. xDSL connections, fibre optic or cable TV networks (CATS).

Extremely easy commissioning

With improved system-integrated functions, commissioning is as easy as child's play. No local configurations are required, «all you need is a screwdriver». Local LED displays indicate the start-up status at all times.

Low TCO

With standardised, easy installation on DIN rail, integrated wide-area power supply, extended start-up assistance, and very efficient communication, the alarm system can be operated at very low overall costs.

Logging of digital and analog criteria

The criteria are logged via 6 integrated inputs, a maximum of 4 inputs can be configured as analog inputs with threshold monitoring.

External DIN rail modules permit the extension of the system by additional inputs. Logging of alarm criteria via serial interfaces is also supported. In addition to the Modbus protocol, manufacturer-specific protocols can also be evaluated.

Optional integration of sensor networks

Using an optional short-range radio module, it is possible to integrate wireless sensors into the system via 6LoWPAN protocol, which has become the industry standard in the sensor area. Sensors with different protocols and/or other radio bands can be integrated for specific projects at any time.

Enclosure versions

The EasyGateway is delivered in IP30 enclosure designed for a temperature range from -20 to +70 °C. An IP66 enclosure is available for harsh environments. Both enclosure types can be secured with mechanical locking mechanisms to prevent unauthorised manipulation.