

SmartCom

Communication platform



Safe data transfer via cellular network

The number of IoT devices are increasing and so do the demands on the safety, reliability and control.

AddSecure Smart Grids offers SmartCom, the communication platform for safe data transfer based on a robust RTU with integrated 2G/3G/4G communication in combination with the subscription AddSecure Link.

Classic RTU features like digital inputs and outputs, analogue inputs and standard data transfer protocols allows safely remote monitor and control of devices.

The combination with AddSecure IoT solution, AddSecure Link, provides a complete, secure, robust and private communication platform. AddSecure Link utilises roaming between different operators and the network is totally separated from regular mobile traffic and internet to eliminate unauthorized intrusion.

SmartCom can quickly and easily be self-administered via user-friendly Web interface and there is access to technical support and surveillance 24 hours a day. Additional monitoring and alarm management can also be obtained with AddView provided by AddSecure.



Safe:

AddSecure Link is a system for private isolated networks where the data transfer utilises the cellular network but totally separated from regular mobile traffic.

Only devices equipped with AddSecure Link SIM-cards can be a member of the private network.

Every private network in the AddSecure Link system is separated from internet but also isolated from other private networks in the system.

Each Link-device is invisible and not addressable from internet and other private networks.

In a Link-network, communication can only take place between units that are configured to communicate.

Nobody can access the private network other than authorized persons. Connection to the network can only be addressed via an encrypted, certificate based VPN tunnel.

Reliable:

AddSecure Link utilises roaming between different operators, which means that communication becomes redundant and operator independent as it can take place in all available operator networks.

The availability is optimised with all communication technics, 2G, 3G and 4G, which is automatically utilised.

The SIM-card in the AddSecure Link system is industrial standard to be able to stand both tough treatment and environment.

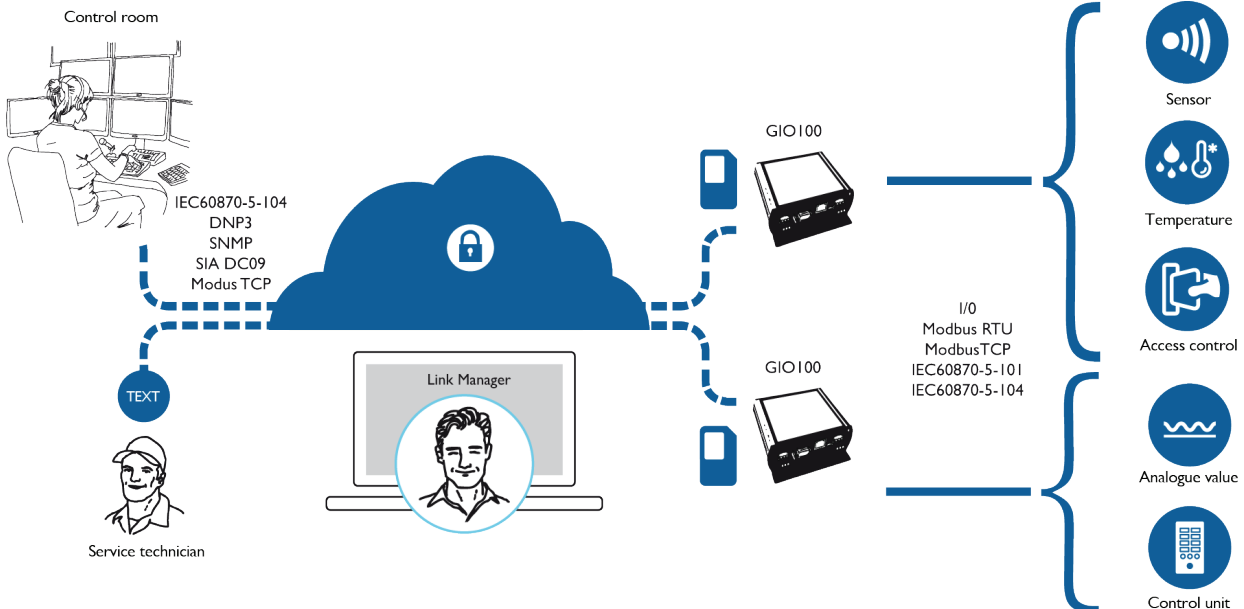
Controlled:

The Link-system can be self-administered and controlled via the Web-based portal, Link Manager. Link Manager is easy to use and does not require any network technician experts.

It is efficient to set up and track the communication in the private network with the Link Manager. Devices are configured to communicate with each other and authorised persons will get access to the private isolated network via a VPN tunnel. It is easy to order new SIM-cards to expand the network and to activate or deactivate AddSecure subscriptions via the portal.

Link Manager gives an overview of all devices in the network and the amount of data transfer between them but also the associated cost. Traffic notification via email provides total control of the costs.

Independent of which Link-subscription that has been chosen, you will only pay for the used data traffic. No data transfer - no data traffic cost.



AddSecure Smart Grids has long experience regarding distribution networks business with specialist competence in communication, control, automation, fault detection and measurement technologies. We offer modular, transparent and customer adapted solutions to achieve cost-effective modernisation of the distribution network.