

Z-Edgware for active RFID S3135-P900-A

ZOMOFI® - zone monitoring & find

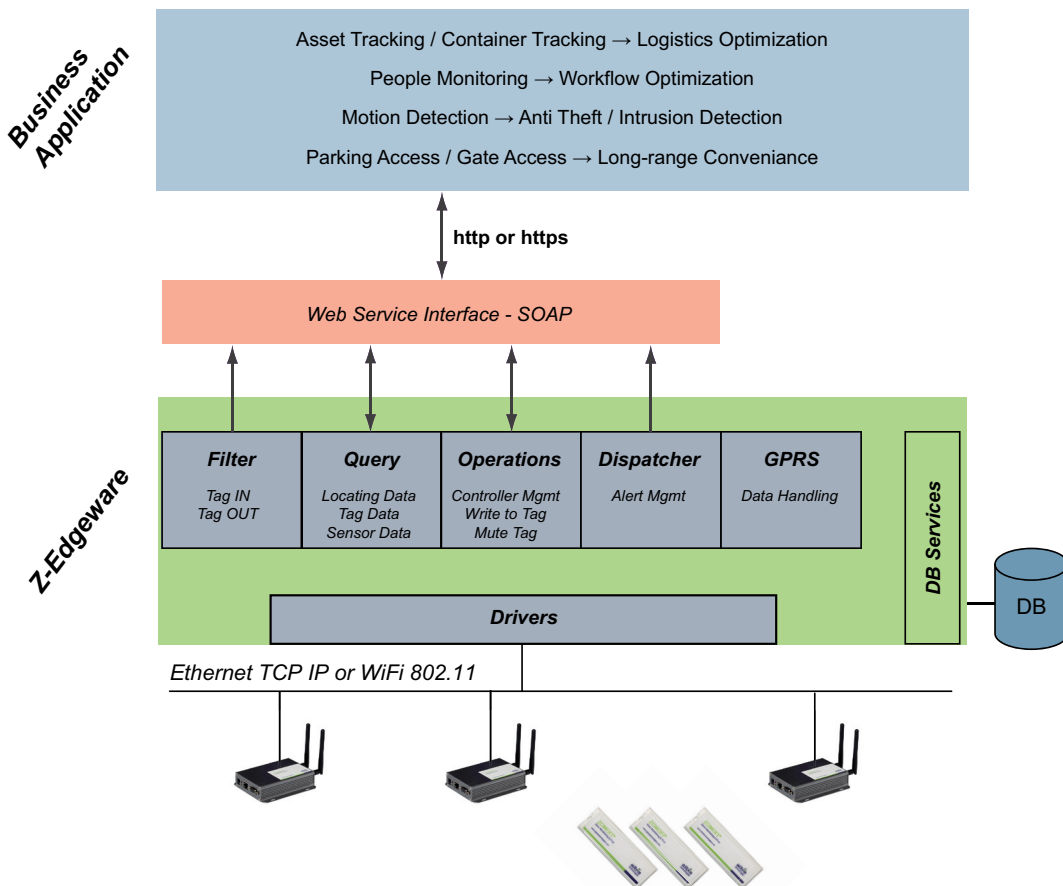
The ZOMOFI® – zone monitoring & find – product family makes zone monitoring and asset tracking in buildings, warehouses, airports, on exterior premises and vehicles possible. The powerful active RFID technology consists of Tags and Controllers.

Functions and features

At its most basic level it extracts and filters data from RFID readers. The Edgware filters redundant data and passes information along that is requested or constitutes a change of the situation.

The architecture is SOA conform and its web-services interface in SOAP supports best flexibility for integration and usage in different IT topologies.

The Application level (top layer in the graphic) is the System Integrator's business. The Business Application reflects the end-customers process and allows the optimization, visualization and reporting of the RFID solution. The Systemintegrator is leveraging the Z-Edgware as a common abstraction of all commands towards the ZOMOFI hardware.



Applications

Asset Tracking & Supply Chain

- Logistics
- Defense
- Airports / Ports
- Transport (Train/Trucks)
- Automotive
- Hospitals

People Safety

- Fire Brigades
- Hospital / Care Homes
- Mining and Milling

Further more applications

- Access Control (long range)
- Intrusion Detection for Security
- Cold Chain

Direct Contact

Zeno Stämmer

Phone +41 58 252 48 28

zomofi@albistechnologies.com

The function set of the Edgeware includes the following Web Services:

Filter

- Extracts the raw data from each Tag
 - Filters the reoccurring notifications resulting in smart Tag IN and Tag OUT messages
 - Configures the activity and inactivity-periods
-

Query

- XML queries to the Edgeware in order to retrieve user specific information
 - Locating information
 - Tag data
 - Status of Tags and Controllers
 - Groups of Tags
-

Operations

- Read Tag data
 - Write Tag data
 - Mute / unmute Tags
 - Change beacon rate
 - Set size of individual zones
 - Set properties of all Controllers
-

Dispatcher

- Immediate publishing of all time-critical information to the Business Application
 - Failure messages
 - Motion detected
-