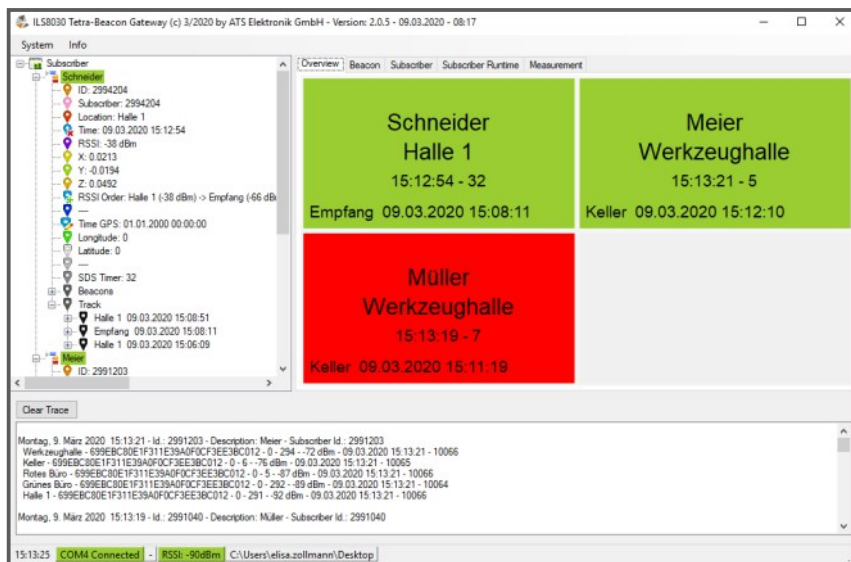


INDOOR LOCATION SOFTWARE ILS8030

Easy indoor localization / Locating objects and people inside buildings using Motorola TETRA radios in combination with the radio beacons from ATS Elektronik GmbH.



Integration into established systems

The beacon signals transmitted by the radios are processed and the result is displayed in the user interface. It can also be transmitted to a subsequent system (management system, SCADA), e.g. for visualisation.

Localisation

The ATS radio beacons are installed at distinctive locations inside e.g. a building. Each beacon emits an individual ID in an adjustable cycle.

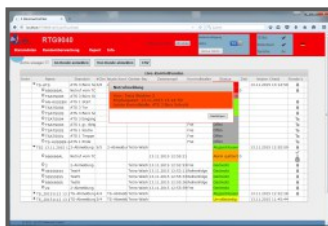
When a person carrying a compatible transmission device (e.g. TETRA radio) enters the beacon's transmission range, the device receives the ID and sends it to the ILS8030.

This way the main control centre can determine the person's current location within the building.

Real time transmission in secure networks

The combination of ATS radio beacons, compatible radios as well as the gateway software ILS8030 brings the areas of personal security, asset and workflow management in the industry closer together.

The result is a process and cost optimized solution for acquiring tracking and location data in real time and analysing it depending on individual requirements.



Combination of hardware and software

Use of standard technologies

- Long-lasting battery life due to low power consumption
- Indication of battery state of charge in the user interface
- Extensive combination possibilities with other applications, e.g. Real time guarding system RTG9040
- Interfaces to other software systems on request
- Testing feature for analysing a location

Emergency call

When a TETRA radio sends an emergency, this is displayed in red in the user interface and can be acknowledged by a user.

Market

Public and private security services, network operators, logistics, industry

Scope

Europe

Transmission

TETRA

Languages

German, English

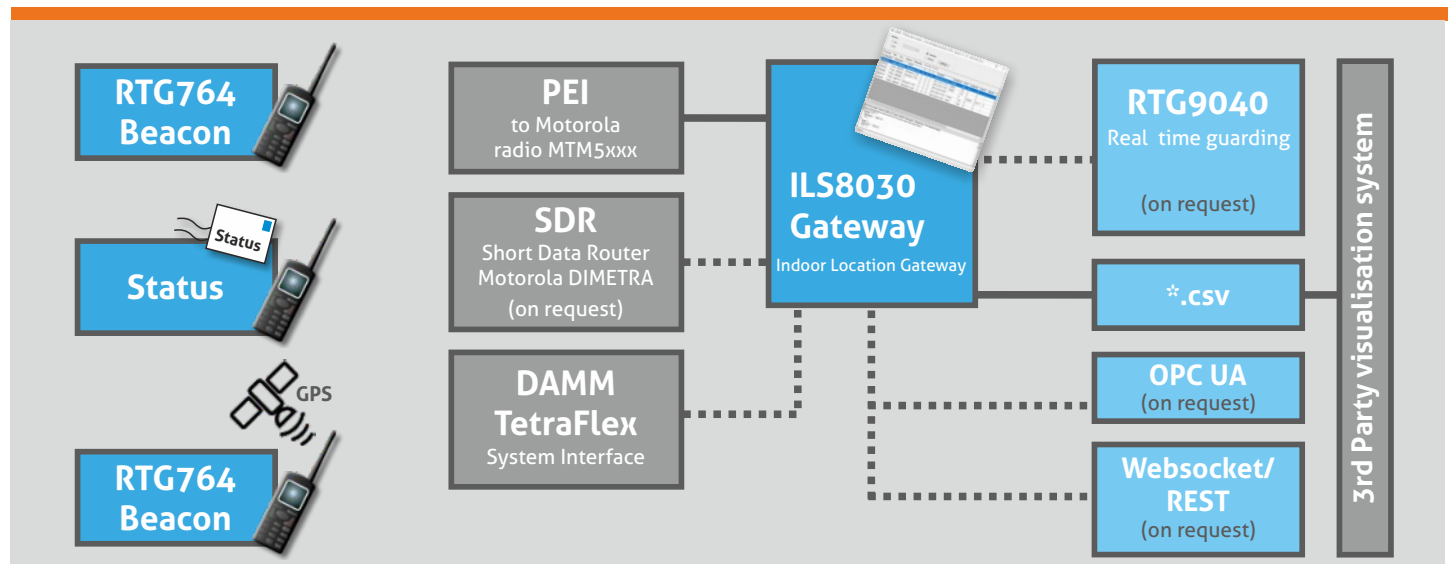


fig. system sketch ILS8030/example indoor location system

FEATURES

- Indoor location, emergency status, GPS
- Processing of manipulation-protected signals (when using ATS beacons)
- Indication of battery status (when using ATS beacons)
- Reception via a connected TETRA radio
- Display of current and previous position
- Simple and clear display of current position in tiles per subscriber
- Expert mode
- Status is colour indicated (is the position up-to-date, emergency ...)
- Beacons and subscribers can be named for better overview
- Export of data via CSV table, more interfaces on request
- Evaluation mode

SYSTEM FEATURES

Computer:

Windows 7/10 32 Bit/64 Bit operating system
Programme for editing *.csv files (optional)

Subscriber radios with Bluetooth functionality:

- TETRA Motorola MTP6550, MTP3000 series MR18a and higher with the selling features:
 - Bluetooth-Smart Ready (QA05580AA or QA05592AA)
 - Bluetooth Audio and Object Push (QA02399AA or QA04381AB or QA06812AA)

CONTACT



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