



# MOBILE RESCUE

## Localisation of Persons and Security Management



Patients are equipped with a personal tracking device (GSM/GPRS/GPS integrated) that transmits the current location of the patient to the IGISA MediaMap®-Server in regular, freely configurable intervals or on call. Any number of workstations can obtain the positions and further optional information (patient data, biometric data, etc.) from our server. This information is shown at the mmTracker-ControlStation on digital maps or air photographs where data can also be analysed and managed.

The first priority is to ensure that patients come home safely without being restricted in their personal freedom.

### MOBILE RESCUE ALLOWS

- Localisation of persons
- the activation of an active or passive emergency call independently from the actual location (GSM-network required)
- the transmission of biometric data

### TARGET GROUP

- Residential homes, nursing homes, old peoples' homes
- Geriatric day hospitals
- Hospitals
- Risk patients
- People with an increased demand for security

### FUNCTIONALITY

- Overview of all patients at any time
- Trackhistory: Analysis of distances covered, profile of the movement, etc.
- Alarm activation by various attributes:
  - Pressing the emergency button
  - Change of location at forbidden times
  - Geofencing: when leaving or entering defined geographical areas
  - Exceeding defined speeds (e.g. when going by public transport)
  - Exceeding threshold values of external sensors
- Connection with external sensors (motion sensor, crash sensor, biometric sensor) which measure data and transmit them to the server (pulse, blood pressure, movement, accident, etc.). Depending on the individual tracking device, sensors may already be integrated.
- Voice calls between patients and control centres are possible
- Coordination and optimisation of nursing staff and rescue service

## HARD- AND SOFTWARE

- Personal Tracker
- Internet access
- IGISA MediaMap®-Server (operating at IGISA)
- MediaMap®Tracker-ControlStation: for one or more computers at the customer's place

### Service on ASP base (Application Service Providing):

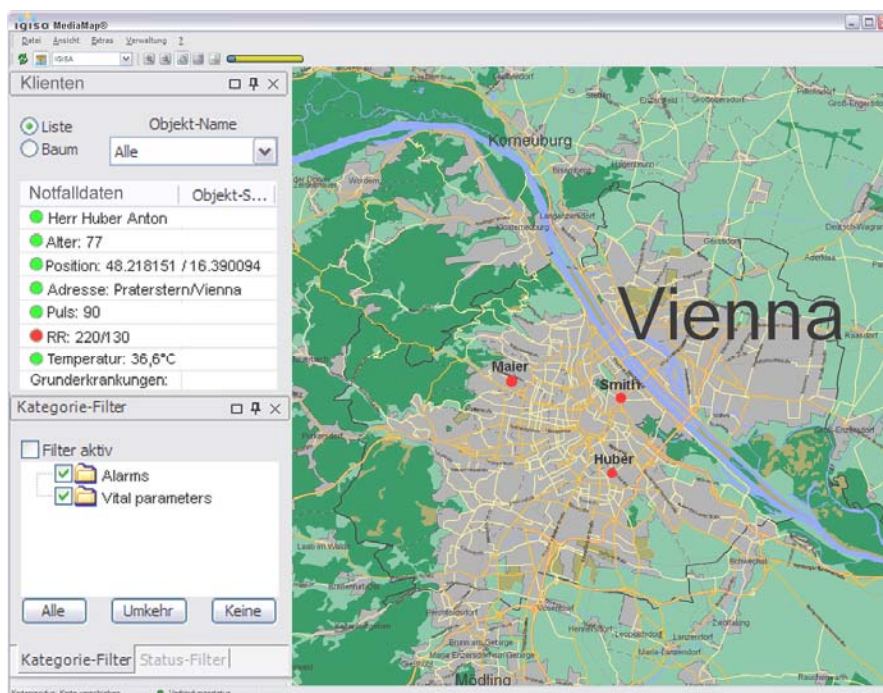
- No need of expensive hardware (server technology) for the customer. Transparent costs by a monthly flat-rate.
- Better service: the system is maintained and updated at any time
- More flexibility - temporally and locally: access from every Internet-capable computer after installation and login. Also running on Pocket PCs. Privacy will be considered.

## AN OPEN SYSTEM

- Thanks to our open software architecture, existing systems (ERP) can be connected easily. Data transfer to rescue services is possible for example (name, address, current location, disease, etc.)
- GPRS technology makes cheap live-tracking possible (in comparison to SMS) as the device is always online.
- Customer-specific wishes and new features can be implemented on demand.

## ADVANTAGES

- More quality of life
- The safety of patients increases by short reaction times and well directed action
- Cost saving in search operations thanks to targeted actions
- Legal certainty for the operator and the staff
- Well calculable costs



MediaMap®Tracker-Control Station