



BENEFITS OF TASSTA IN-HOUSE LOCALIZATION

- » **Continuous positioning in multi-story buildings and underground constructions**
- » **Easy handling with T.Rodon or directly from your smartphone**
- » **Exact localization of your floor and room position**

WHAT IS IN-HOUSE LOCALIZATION?

The TASSTA In-house Localization enables an exact localization and positioning of you and your member's position within buildings. With TASSTA's In-house Localization for in- and outdoor you also get additional features. You are able to allocate the position of a whole group or just a single person precisely up to a few meters. The function is easily adaptable to certain needs of different industries.

TASSTA's In-house Localization is the perfect solution for the determination of position. The localization happens irrespective of the used broadcast technology of your company.

No matter which communication network is available (WiFi, GSM, UMTS, etc.), mobile devices are able to determine their positions based on any network.

HOW SAFE IS TASSTA'S IN-HOUSE LOCALIZATION?

TASSTA supports the localization in communication networks and offers the perfect addition to the satellite-based GPS positioning system. While developing this new feature, TASSTA set a high value on privacy protection and legal guidelines. This allows easy operations on a wide range with location independent features.



POSSIBLE APPLIANCES

The accessibility of a real-time in- and outdoor localization allows an optimization in many industries of existing processes and furthermore the possibility of new features and offers e.g. in storerooms.

Generally, TASSTA's In-house-Localization can be the basis for every location- and context-based application, such as guiding systems for co-workers, guests or patients, for example for navigation at airports, railroad stations, hospitals, fairs, museums or harbors.

The transmission of your position to TASSTA's T.Rodon allows a central organization and knowledge of every group member's position and other features.

- Localization of individuals e.g. guards and other team members
- Localization of mobile devices, e.g. measurement devices in manufacturing
- System for application planning, e.g. in facility management
- Emergency recognition, e.g. dead man's control

LOCALIZATION IN AD HOC NETWORKS

With TASSTA's In-house solution the security on concerts and events can also be increased. This will help security and event forces. In order to enable an ad hoc network in those places, you have to define fixed spots. This can be supported by Wi-Fi or Bluetooth based presence detection.

LOCALIZATION IN INDUSTRIES

Industrial applications can be very different. From a full automatic localization of pallets or other goods up to the localization of mobile operational terminals. With TASSTA's localization an efficient and effective coordination of employees can be achieved.

LOCALIZATION IN HOMESTEADS

Especially for wireless homesteads an adaption of the Wi-Fi localization was made, which allows nursing and rescue services to aid elderly and needy people in case of emergency.

A SELF-SUFFICIENT DETERMINATION OF POSITION ON END DEVICES:



- ✓ Increases security
- ✓ Optimizes processes
- ✓ Improves orientation
- ✓ Allows self-sufficient operating systems
- ✓ Doesn't cause any provider costs