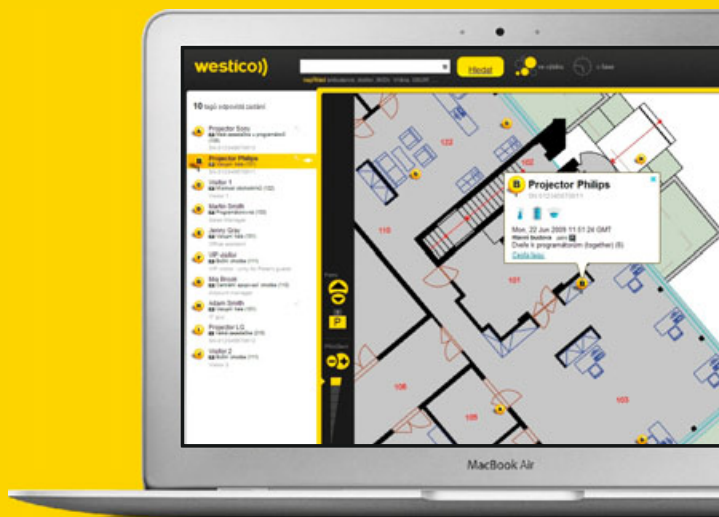


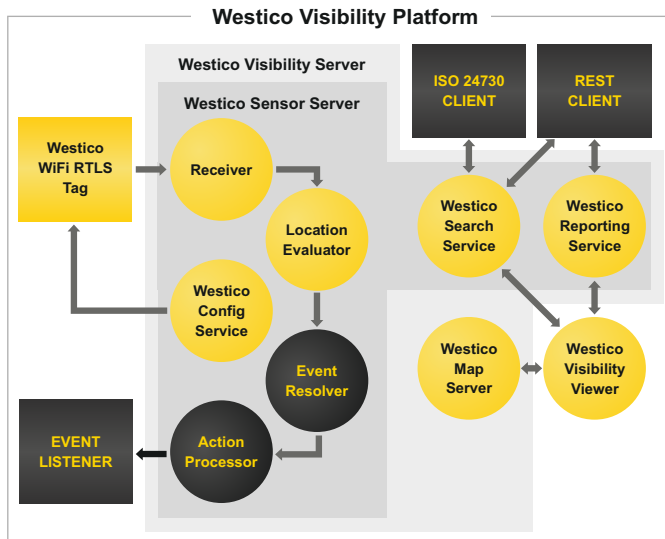


WESTICO VISIBILITY PLATFORM

- Simple to use user interface
- Unique using of internal and external maps
- Multi-platform J2EE applications
- Scalability, reliability, security performance
- Internal use of geographical coordinates
- Sensors and telemetry
- Proven multilayer enterprise architecture
- SOAP Interface according to ISO 24730-1

Westico Visibility Platform is a universal software platform, which together with the hardware components Westico Visibility System provides assets and people tracking in real time using Westico tags operating in the WiFi network, passive RFID tags or GPS devices. This platform also supports data collection from sensors, which are fitted into tags and thus it enables easy and cheap creation of extensive wireless sensors networks for real-time data collection on temperature, humidity, pressure, flow, radiation and other telemetry data. All data are presented on maps, which uniquely combine the detailed internal view of the map with Google Maps.





■ **INTUITIVE USER-FRIENDLY SOFTWARE**

The basic function of the system is to provide information about the current tag position. Google-like search and user interface of client map application is therefore simplified to the maximum level and control respects the experience and the usual convention. Just to enter a name of searched object, also incomplete, and the result of the query will be shown on the list. By next click you will reach your searched objective, displayed on a detailed map.

■ **UNIQUE USING OF INTERNAL / GOOGLE MAPS**

Westico Visibility Platform uses unique combination of internal and external maps. On the background of external Google Maps it is possible to track objects on any geographically vast territory, on the basis of internal map objects can be traced in the highest resolution up to the rooms and equipment inside.

■ **GEOGRAPHICAL COORDINATES**

Westico Visibility System works internally with geographical coordinates. This makes it possible to put internal maps to real geographical location and follow the tags over arbitrarily large geographical area. Also under Westico Visibility System it allows to display any objects from which Westico Sensor Server is able to obtain geographical coordinates, such as on-board GPS units in cars.

■ **SERVICE PROVIDER ARCHITECTURE**

The system allows that on the customer side there can be only a wireless WiFi network installed and Westico Sensor Server can be installed on a remote server. User authorization and attribute of the owner defined for each tag ensure that each user sees only own data, tags on own maps. This concept allows operating RTLS as a service.

■ **PRIVACY PROTECTION**

Westico Visibility Platform has advanced features for the protection of privacy and data security. The system of user authorization allows defining the role of users and assigning them permissions to access the required data. When using RTLS for positioning of people it is possible to define the private zones in the maps. If the person is located in this zone, the system will only provide this information. The system will not list a specific place and tag will not be displayed on the map.

■ **WEB APPLICATION**

Tags can communicate with Westico Sensor Server via the Internet. Also users access the Westico Visibility Platform through web applications. This concept allows flexible installation, when the tracked objects, Westico Visibility Server, and users are at geographically different locations and to access the application users need only a web browser.

■ **SENSORS**

The possibilities of collecting and evaluating data from wireless sensor networks significantly extend the functionality of RTLS. Sensors provide huge added value almost for free.

■ **INTEGRATION**

Database, platform and hardware independence creates non barrier conditions for system integration into any of third party applications. The Westico Sensor API interface, meeting the requirements of standard ISO 24730-1, provides all the necessary data to these applications in real-time.

■ **ENTERPRISE ARCHITECTURE**

Westico Visibility Platform is built on J2EE technology. The software is platform independent and can be installed into the Windows, Unix or Linux server environment. To save the data you can use a number of database servers like Oracle, MS SQL, DB2, MySQL, Sybase, PostgreSQL. From the use of J2EE technology results many advantages such as scalability and high system availability, reliability, security.

■ **DATA SOURCES**

Westico Visibility Platform can work with data from various sources:

- Westico WiFi RTLS tags
- Westico WiFi sensors
- Passive RFID technology UHF EPCglobal
- GPS devices

Westico Technologies, Inc.

Okruzni 741, 686 05 Uh. Hradiste, Czech Republic
 Tel.: +420 572 520 052, fax: +420 572 520 032
 E-mail: info@westico.com
 www.westico.com