

# USE CASE

## Inventory of Assets in an Office Building



### AT A GLANCE

- 2D/3D building map
- localization of assets on room level
- information about each item (e.g. division, acquisition date, value)



By analyzing the movements and utilization of the individual goods, it is also possible to identify bottlenecks and potential for optimization.

## TECHNICAL IMPLEMENTATION

Bluetooth Low Energy (BLE) beacons are attached to the objects. insoft Locator Beacons are mounted on ceilings or walls at regular intervals within the building. Additionally, there is one insoft Locator Node per floor, which is connected to the network.

The BLE beacons send out signals at regular intervals. These signals are received by the insoft Locator Beacons. The information is then forwarded from the Locator Beacons to the Locator Node. The latter sends the data to the insoft LocAware platform® where the position is determined.

The position of the objects can be tracked with room level accuracy in insoft Tracking and motion profiles can be analyzed in insoft Analytics.

## PROBLEM DEFINITION

Assets in an office building are not always in the place where they are assumed to be. Oftentimes, they have to be searched for a long time or remain untraceable. Especially for the inventory of the assets it is important to know about the location and status of the items.

## SOLUTION

By using a tracking solution, the location of work equipment, furniture and other company assets as well as relevant information about those items, can be viewed at any time.

The position of the assets is displayed on a digital building map. Furthermore, the tracking solution provides an automatic and continuous inventory of all assets in the office. In addition to the current position, other relevant data such as the acquisition date, the division that the asset is assigned to and the value can also be recorded.

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**insoft GmbH**  
Ingolstädter Str. 13  
85098 Großmehring  
Germany

**Contact**  
Phone +49 8407 939 680 0  
Fax +49 8407 939 680 12  
[contact@insoft.com](mailto:contact@insoft.com)  
[www.insoft.com](http://www.insoft.com)