

USE CASE

Digital Information Displays for Office Buildings



AT A GLANCE

- digital map on each floor
- display of POIs, safety instructions, room occupancy information
- dynamic content adjustment



The use of the E-Ink technology eliminates the need for complex cabling, as the displays are battery-powered and supplied with display information via Bluetooth communication.

TECHNICAL IMPLEMENTATION

On each building floor, insoft E-Ink display beacons are mounted on the wall at central locations. In addition, one insoft Locator Node 1400 is installed per floor. To display content on the insoft E-Ink Display Beacons, the desired content and the targeted devices are selected via the insoft LocAware platform®. The content is then transferred via Bluetooth from an insoft Locator Node to the E-Ink displays to be labeled. The display content can be automatically updated at any time – via insoft Automation, by defining corresponding conditions. Room occupancy information can be retrieved via interfaces to calendar/room booking systems and/or through PIR sensors installed in the meeting rooms.

This solution can be optimally complemented by a digital room signage system, a solution for workplace occupancy monitoring, and/or a workplace experience app.

PROBLEM DEFINITION

Employees and visitors do not always find their way around large office buildings straight away. Using paper notices with site plans and safety instructions is confusing and outdated.

SOLUTION

Digital floor plans are a modern way to provide signage and save building operators a lot of time by eliminating the need to print out paper pages and pin them manually. An information screen at each key access point (e.g., near elevators) maps the building floor plan and provides live information on points of interest (e.g., meeting rooms, restrooms, emergency exits) and room occupancy. This content is adjusted dynamically and updated in real time. Temporary messages can also be displayed (such as information about an upcoming company vacation or construction work in the building). Updating is done centrally via the software and can also be automated.

Imprint

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