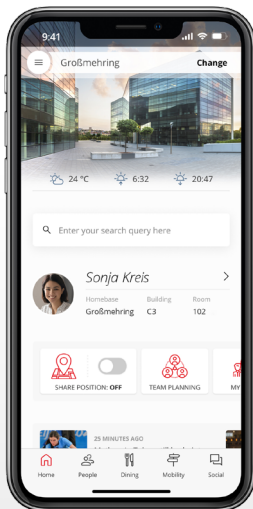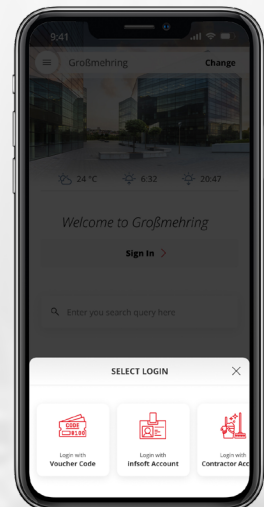# infsoft Workplace Experience

Diverse solutions and applications in intelligent offices lead to a more pleasant and productive working day for employees. From a business perspective, the main potential lies in saving costs and optimizing processes. In addition, it increases employee satisfaction and leads to higher productivity and lower fluctuation. In the following, the possibilities that a digital employee app offers and how it can enrich everyday life in the company are described. In addition, the product infsoft Room Environment can be integrated into the app.

## General Information

The Workplace Experience App supports use across multiple channels, including iOS, Android, and as a Progressive Web App (PWA). Platform-specific content management is possible. There are four user views available: an employee with unlimited access, a visitor with a login voucher for limited access, the public with limited content, and a special contractor login. Visitor registration enables visitors to be quickly registered and login vouchers to be generated.

The application provides usability and accessibility by using easy-to-read font sizes, a high-contrast display, and a text-to-speech function to assist people with visual impairments in accessing information.
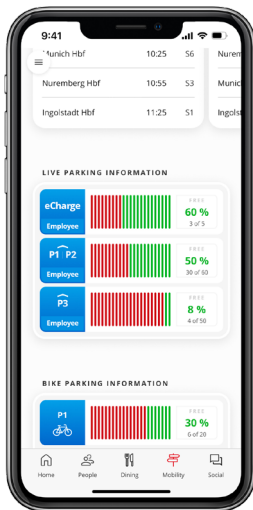
## Mobility

The Workplace Experience App offers comprehensive mobility solutions. Effective parking management is an important aspect. The app allows users to search for and reserve available parking spaces before arriving, as well as provide real-time availability information and navigation to the desired parking space. The app also helps with the management of visitor parking. Visitors who register in the app using the visitor voucher are shown relevant parking zones and directions from the parking lot to the meeting room. Furthermore, the app provides information on electric charging stations, e-bikes, and e-scooters. infsoft E-Ink Display Beacons are used to display information about charging stations.

In terms of public transportation, the app provides detailed departure schedules as well as real-time information. Users receive information on modes of transportation, departure times, and destinations to help them plan their journey more efficiently. Furthermore, the app allows it to navigate to the nearest stops. Furthermore, users can purchase public transportation tickets directly through the app, with the app reminding them to do so when necessary. The app also includes travel options for commuters and carpools. The integration of external route providers ensures seamless navigation.
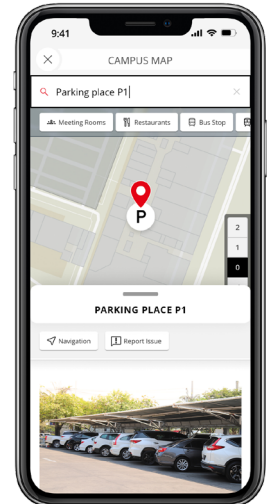
## Map & Navigation

The app displays an interactive map of the entire site, including buildings and floors. Using precise positioning, users can obtain real-time information such as the occupancy of workstations and meeting rooms. Vector-based maps are used in the app's building maps. These digital maps, which are available both online and offline, provide a comprehensive representation of real-world building structures in 2D and 3D. Positions are determined on the inside using infsoft Locator Beacons, which provide precise location information using Bluetooth Low Energy (BLE) and Ultra-wideband (UWB). These data are used to generate location-specific information in real-time, which is then used for navigation and the display of available workstations, meeting rooms, and lockers.

The app's turn-by-turn navigation provides step-by-step route information for points of interest, turns, and floor changes. There are various navigation profiles tailored to the needs of various users. The app provides real-time information, such as workstation occupancy status. This is done in real-time and allows users to locate available workstations and meeting rooms. There is also information on the parking situation and the availability of various modes of transportation. The app provides emergency information, such as evacuation routes in emergency situations, and employees are kept informed. It is also possible to make emergency calls or locate first responders via the app.
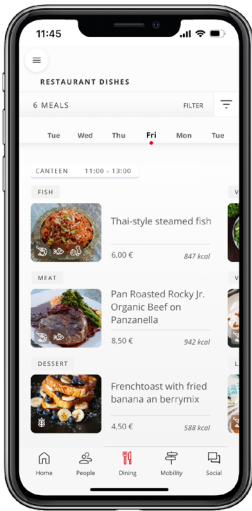
## Dining

The Workplace Experience App provides detailed information about the dining options available on the company site. This includes displaying dining plans for canteens and restaurants, where users can specify personal preferences such as allergens or diets. The app also displays cost, nutrition scores, and allergen information for dishes. Similarly, it provides information on canteen and restaurant expenses, meal vouchers, and live occupancy status. Existing line counters or infsoft's own sensors can be used to determine canteen occupancy. The app can also be used to book tables in restaurants and canteens, with infsoft E-Ink Display Beacons showing and updating the occupancy status on-site.

Employees can use meal vouchers to pay for meals and track their expenses via the app. It also includes notifications for favorite meals and filtering options for selecting cafeteria locations based on user preferences.

## Ressource Booking

As part of the booking process, it is possible to search for various resources and book them directly via the app. With precise positioning and integration of calendar information, live occupancy information for workstations, meeting rooms, lockers, and equipment can be accessed. Employees can book workstations quickly using a digital map or specify detailed preferences via a booking screen; zones are preferred, and workstations are booked departmentally.
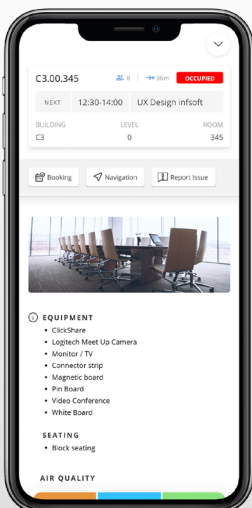
The application also allows it to book meeting rooms and catering services. Meeting room occupancy statuses are displayed in real-time via E-ink Display Beacons. There is also the option of releasing a room based on the user's location as well as sensor data. For scheduled meetings, the app allows for remote check-in and room control for lighting, temperature, and other factors. The required equipment can also be reserved using the app, which also provides information on the location and inventory of equipment, among other things.

The app can also be used to locate and book lockers. Locking and unlocking can also be done manually or through the Workplace Experience app.
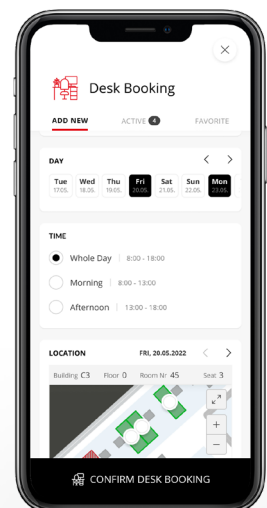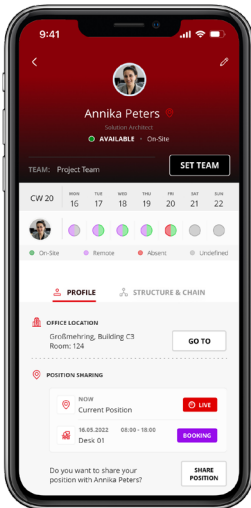
## Smart Working

In the Smart Working area, the Workplace Experience app provides various functions that facilitate employee interaction. These include Colleague Finder, Team Planning, Onsite/Offsite Planning, and Notifications of upcoming Meetings.

Colleague Finder allows users to share their location with colleagues to facilitate meetings on campus. Colleague location requests can also be made that are limited in time or location. Aside from live location, information sharing can also be limited to workstation reservations. Team Planning enables the formation and organization of individual teams, regardless of company structure. It makes scheduling appointments and interacting with colleagues easier. The Onsite/Offsite Planning function automatically displays the onsite presence status based on the workstation bookings made. Attendance information can also be manually maintained and shared with colleagues without a workstation booking. Location sharing can be proactive, and app users can manage the sharing of their information. Furthermore, users are notified of upcoming meetings in advance based on their personal calendar, and their current location is considered. Notifications about unexpected meeting cancellations, as well as navigation to the appropriate meeting space, are also supported.
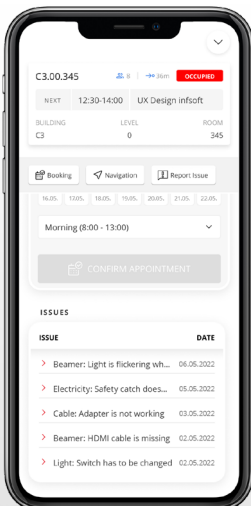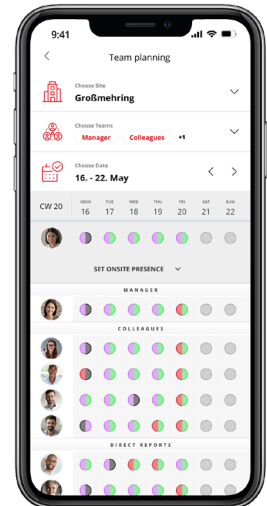
## Issue Reporting

Providing an integrated solution for reporting issues and workplace damage, the Workplace Experience App streamlines the process in meeting rooms and throughout the workspace. This allows users to conveniently report issues such as broken screens. Furthermore, the app supports the integration of service providers such as ServiceNow.

Tickets for maintenance and cleaning can be created, and the responsible personnel, whether internal or external, are notified to resolve the issue. Additionally, the app allows tickets to be assigned to specific locations and prevents duplicate notifications.

Users can be notified via push message once the problem has been resolved. Issues can be displayed using e-signage solutions such as infsoft E-Ink Display Beacons.

## Analytics

The Workplace Experience App provides processed analytics data based on sensor data via the infsoft Analytics platform. Users can access this data through personalized contractor logins, which provide insights into space and building utilization. The „Cleaning on Demand" feature, which allows cleaning service providers to obtain utilization information and prioritize cleaning tasks based on a traffic light system that indicates usage density in different areas, is particularly relevant.

Furthermore, the application enables cleaning tasks to be recorded and logged via tablets, promoting demand-driven and cost-effective cleaning.
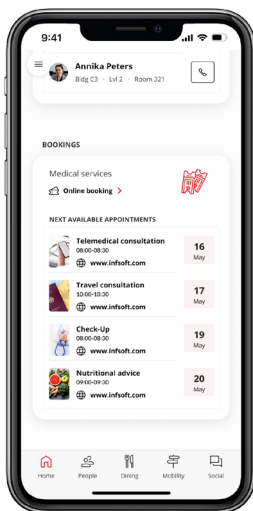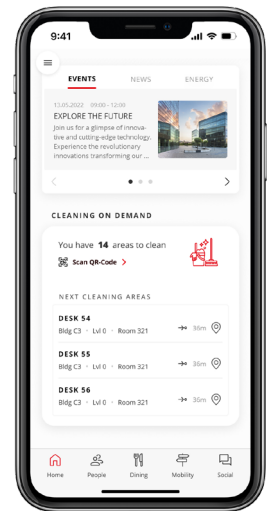
## Company Services

Enhancing employee loyalty, the Workplace Experience App facilitates the planning and organization of internal company events. It offers personalized corporate messages managed through the infsoft CMS. These messages can be sent to individual employees, groups, or locations. The application also facilitates communication of upcoming appointments and events, as well as general announcements. Employees can store their skills in the profile to find colleagues who have specific skills. Data protection and GDPR compliance are guaranteed. Within the application, users also have access to a wide range of different services that can be booked directly via the app. For example, general health checks, telemedical consultations, or individual travel consultations.

# infsoft Workplace Experience App | Impressions
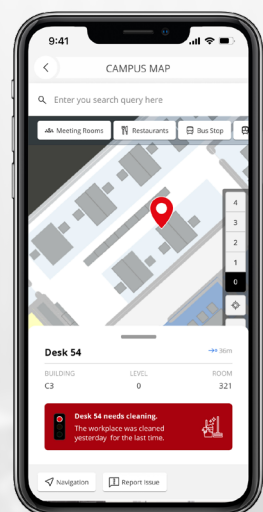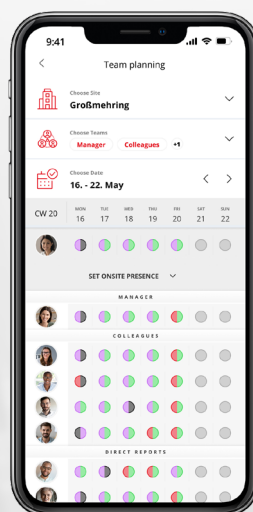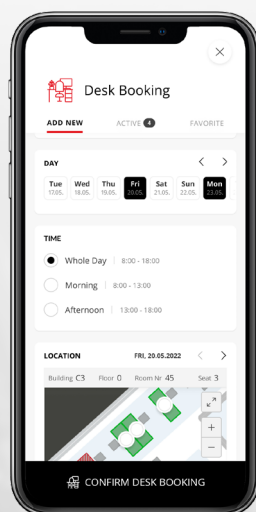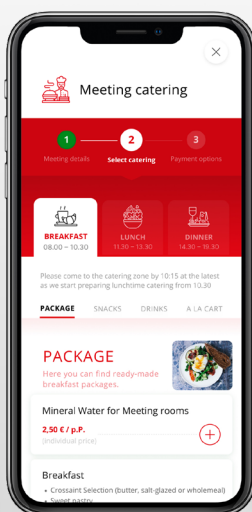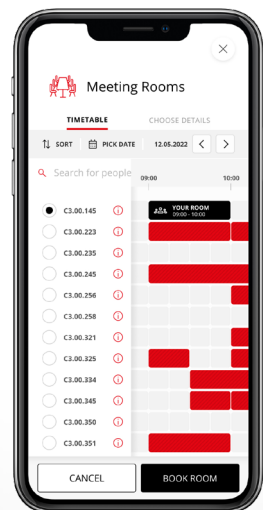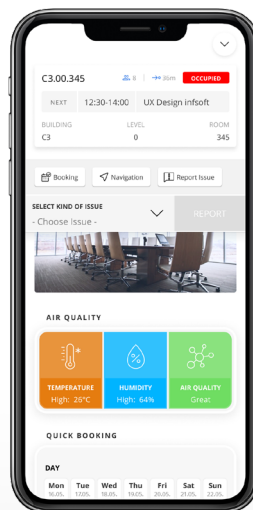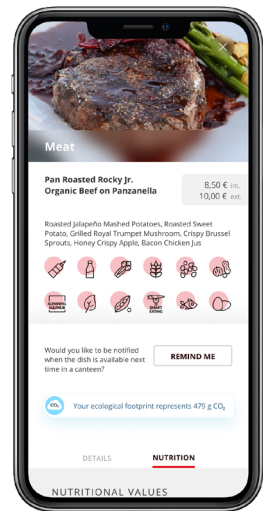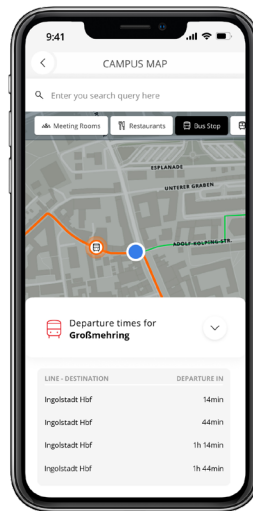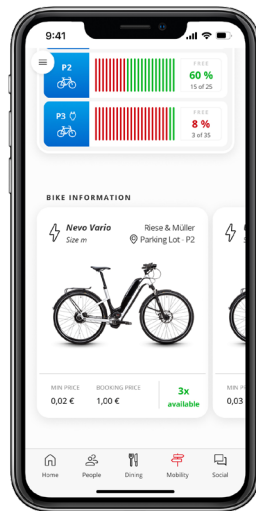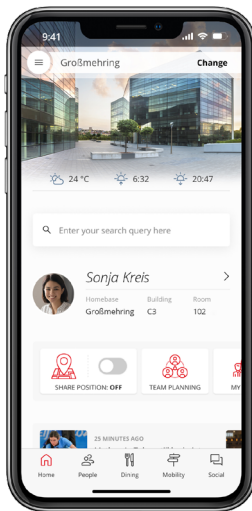
# Infrastructure Hardware

## infsoft Locator Node Dongle

Compact Wi-Fi gateway hardware for BLE components.

AND

## infsoft Locator Beacons

Battery-powered BLE/UWB hardware component.

# Deployed Software

infsoft Maps Editor

infsoft CMS

infsoft Routes

infsoft Calibration

infsoft Analytics

infsoft Sensors

infsoft Automation

infsoft Software Development Kit (SDK)

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