

CS Smart Workspace.

CS
Campana
Schott

CS

*smart***Workspace**

Powered by **STEINEL**

Frankfurt, 9/23/2019

Campana
Schott

About us. A passion for collaboration.

Innumerable

Customers from international corporations and large medium-sized enterprises

More than
7.000

Best Practice
Projects

More than
1.000

Customers

More than
90%

Return rate

400

Highly-qualified
employees

2

Owners

More than
25

Years of experience

#1

Top employer in
Germany

Microsoft
Partner


Gold Collaboration and Content
Gold Cloud Productivity
Gold Project and Portfolio Management
Gold Application Development
Silver Cloud Platform


GERMAN CHAPTERS

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Our services. We support holistically – from strategy to sustainable anchorage.

Strategy

We advise companies on strategic questions of complex change projects of every dimension.



Project Management

With the entire range of project management, we ensure that change projects are successful.



Technology

We not only advise companies on how to design and implement changes in their IT landscape - we can also implement concepts and strategies.



Anchoring

We accompany companies even after the change process has been completed and ensure that change is also culturally effective. We offer technical support. We qualify and certify.



Motivation

Reasons for implementing a Smart
Workspace solution

Challenges many companies face in terms of meeting rooms



There are no rooms available for short or spontaneous meetings



The meeting rooms do not meet the expectations of the participants



Room spaces are not optimally used



Solution Specification „CS Smart Office“

Presentation of the added value

The CS Smart Office solution supports at...

... increasing the efficiency of employees in the office

- **Easy locating of rooms**
 Sensor data helps employees to find available and suitable rooms in real time. The digital signage screens, the web portal or the assistance Bot can be used for this purpose.
- **Increase of meeting room availability**
 Sensors detect unused meeting rooms and the solution can release reservations via a bot conversation
- **Automated extension of reservations / recommendation of other rooms**
 Should a meeting take longer than planned, an available room will be suggested and booked for the organizer.
- ...



The CS Smart Office solution supports at...

... increasing employee well-being

- **Assistance system for buildings and meetings**
via bot and digital signage screens employees receive necessary information and find relevant support
- **Recommendation of rooms**
Employees don't have to search for free spaces; free spaces are recommended via screens or bot conversations
- **Recommendation of free working desks**
For offices with open-space areas for free seating, the system supports the easy finding of desks in all areas.
- **Increase room quality through simple feedback**
Feedback can be easily given via bot or screen
- ...



The CS Smart Office solution supports at...

... intelligent statements on the room utilization

- **Central overview of the key figures of meeting rooms and open-space areas**

Information from the intelligent sensors is displayed centrally and can therefore be read in context (e.g. feedback on rooms for precise use).

- **Understanding room utilization**

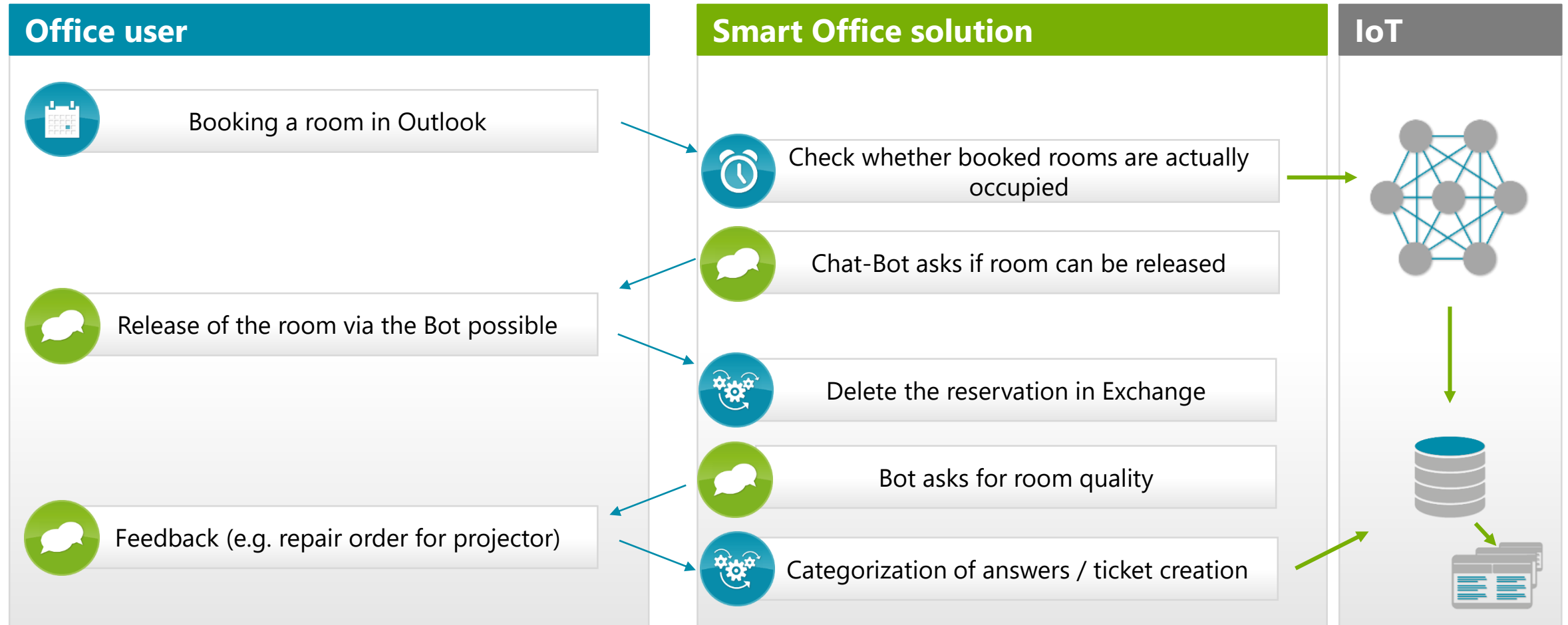
The sensors allow drawing conclusions on the utilization of room equipment (e.g. whiteboard, touch screen, table use). In addition, the exact number of participants can provide information on the utilization of the area. In open-space areas, a statement on average/peak usage can be given by counting the exact demand.

- ...

Focus: The smart meeting room

Description of how the meeting room components work

Process of Room Booking and Release. In case of no-shows, release is automatically requested.





▪ **HPD2 – Sensor**

- Neural network is trained on upper body – exact count possible

▪ Use-Cases

- Office: Utilization, Availability, ...
- Retail: Queues, Interest, Digital Signage Control
- Catering: Queues



▪ **True Presence**

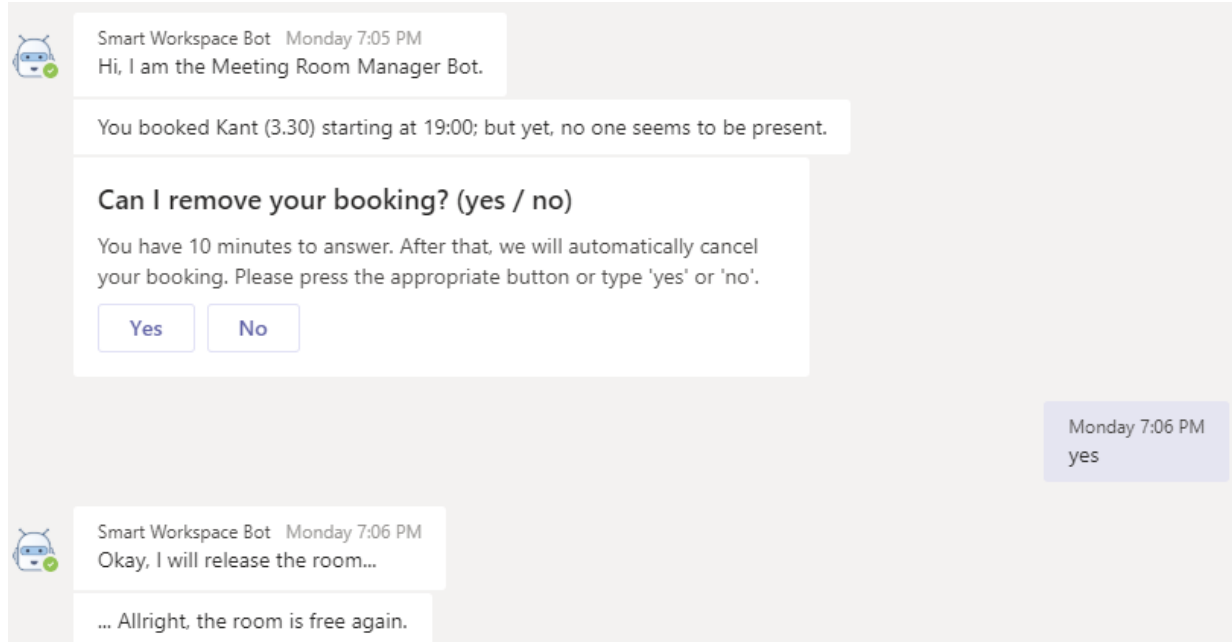
- high-frequency measurements of three-dimensional breathing pattern detection (distance of the person, moving direction)
- Temperature, humidity, air quality, volatile organic compounds (VOC) and brightness

▪ Use-Cases

- Occupancy und service management
- Nursing room monitoring

Control Elements – Bot Application.

Teams-Conversation to release a booked room.

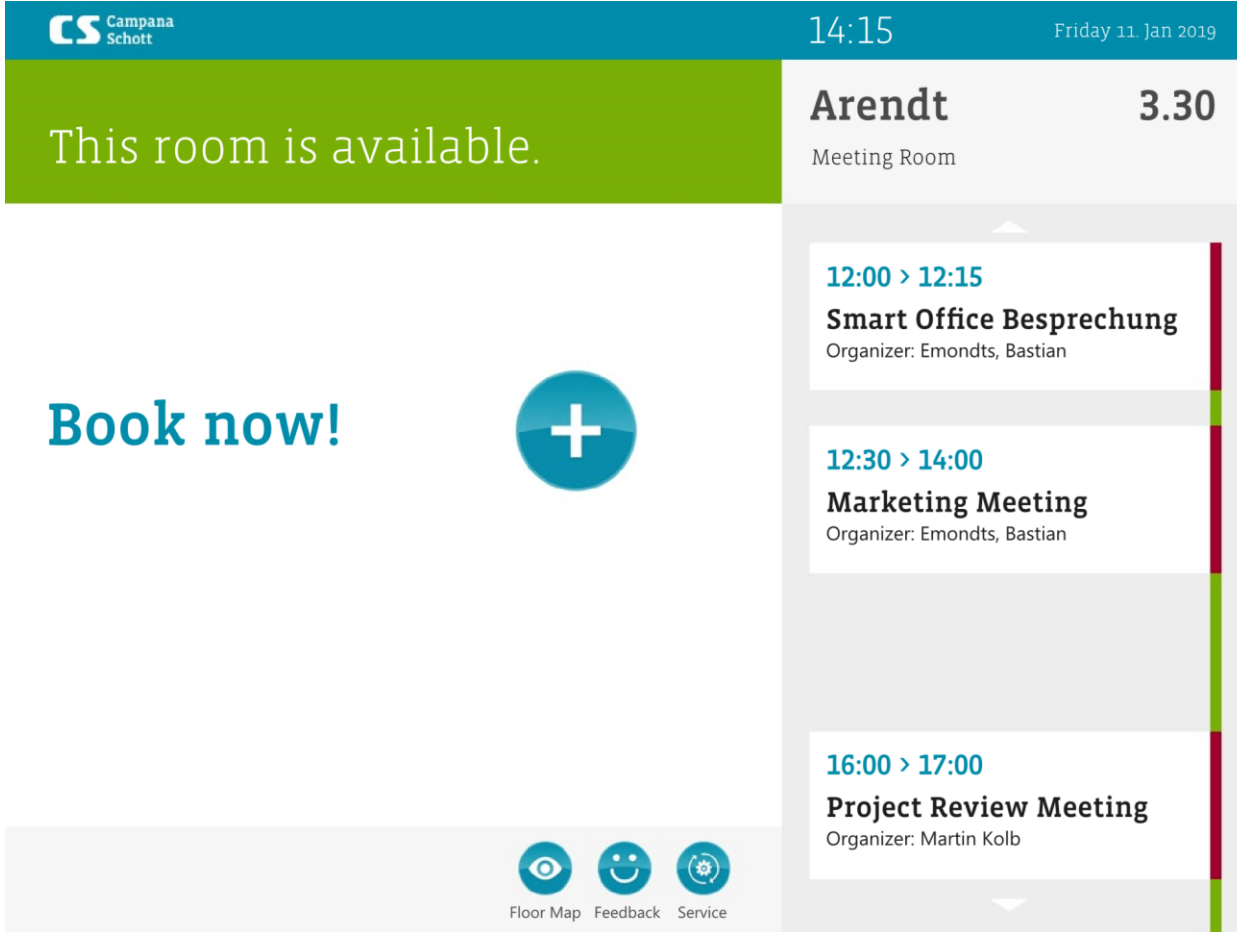


Functions

- In the case of a booked room in which after 5 minutes no persons could be recognized, a Teams-conversation is started with the organizer.
- The organizer can decide whether he wants to release the room or still use the meeting room reservation.
- The chat-bot serves as the building assistance system via further functions.
- The bot can be implemented to operate via e-mail, Skype or MS Teams channel.

Control Elements – Digital Signage.

Display of a currently free room.



The screenshot shows a digital signage interface for a meeting room. At the top, it displays the time 14:15 and the date Friday 11. Jan 2019. The room name is 'Arendt' with a capacity of 3.30, and it is identified as a 'Meeting Room'. A green banner at the top left states 'This room is available.' Below this, there is a large blue button with a white plus sign and the text 'Book now!'. At the bottom left, there are three icons: an eye for 'Floor Map', a smiley face for 'Feedback', and a gear for 'Service'. On the right side, there is a vertical list of meetings with colored bars indicating their duration: a red bar for 'Smart Office Besprechung' (12:00 > 12:15), a green bar for 'Marketing Meeting' (12:30 > 14:00), and a red bar for 'Project Review Meeting' (16:00 > 17:00). Each meeting entry includes the organizer's name.

Functions

- Digital Signage Screens in front of the rooms allow the direct booking of a room
- On the right side of the screen the user can see an overview of meetings and free slots during the day
- In the lower left area additional functions can be selected
 - Room Plan
 - Room Feedback
 - Service Request

Control Elements – Digital Signage.

Creation of a service request.

The screenshot shows a digital signage interface for creating a service request. At the top, there is a header with the CS Campana Schott logo, the time 14:15, and the date Friday 11. Jan 2019. Below the header, the main content area is divided into two sections. The left section is titled "Service Request for the Room" and contains a text input field with the placeholder "Tell us what the problem is - I am listening!". To the right of this field is a microphone icon and the text "I understood:". The right section is titled "Startbahn" and "3.22" and contains the text "Project Space". Below the text input field, there is a section titled "Or select the entity you have a problem with:" which contains a grid of buttons for selecting the entity. The buttons are organized into three rows: "Facility" (Lights, Air Conditioning, Blinds, Garbage, Window, Heater, Cleanliness), "Technics" (Beamer/TV, Wifi, Table), and "Equipment" (Whiteboard, Flipchart, Video Camera). At the bottom of the screen, there is a navigation bar with three icons: a left arrow for "Back", an eye for "Floor Map", and a smiley face for "Feedback".

Functions

- Submission of a service request on the screen in front of the rooms
- Possibility for quick opening via quick selection keys or exact description via speech-to-text and automated recognition of keywords

Control Elements - Livescreen. Overview Screen.



Description

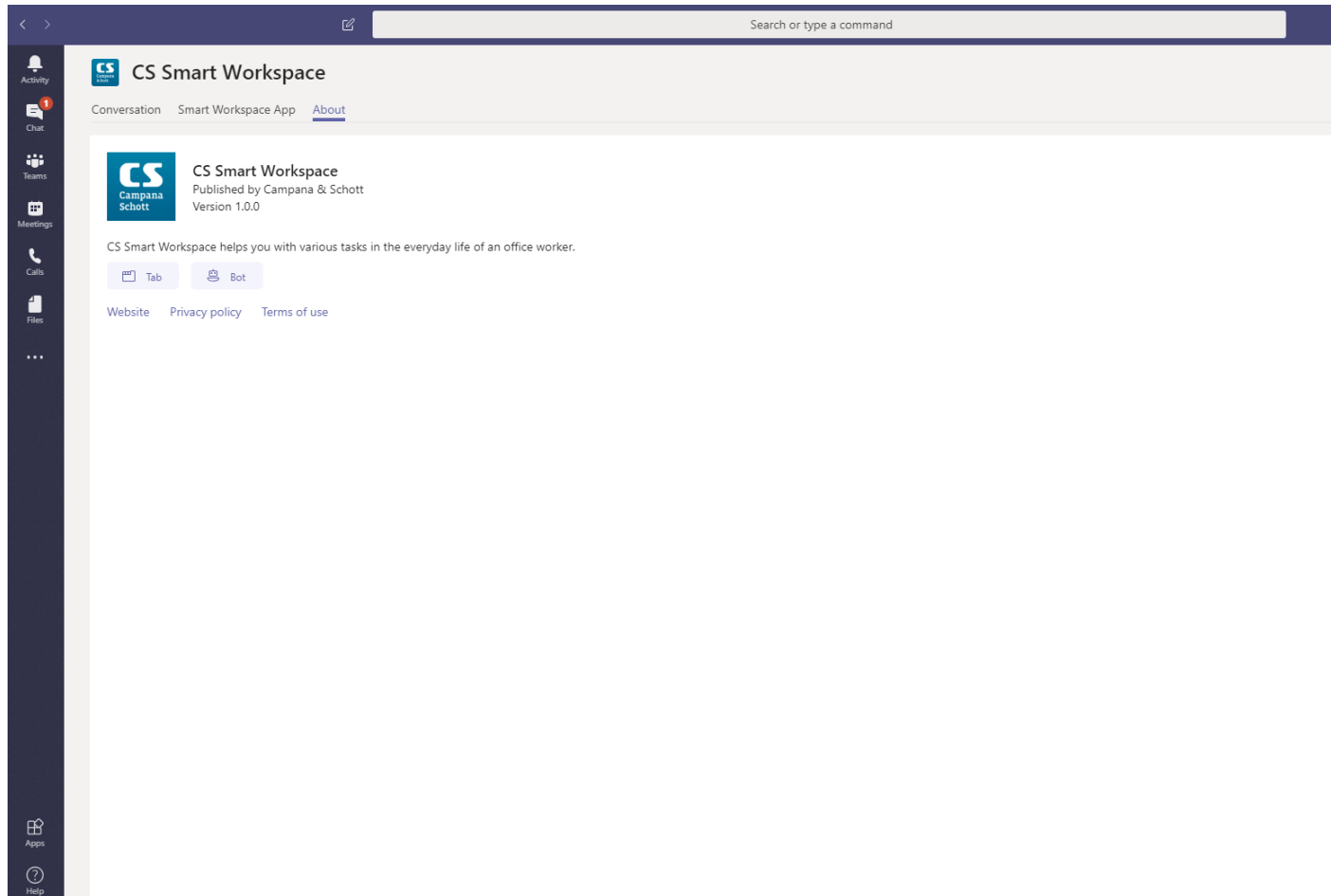
- Large screens in the access areas inform the employees about
 - Free places on the floor
 - Utilization in the entire building
 - Upcoming meetings in the meeting rooms of the floor
 - News from the News Channel, e.g. based on a SharePoint Online Intranet.



Overview of the Teams-App

Presentation of functions

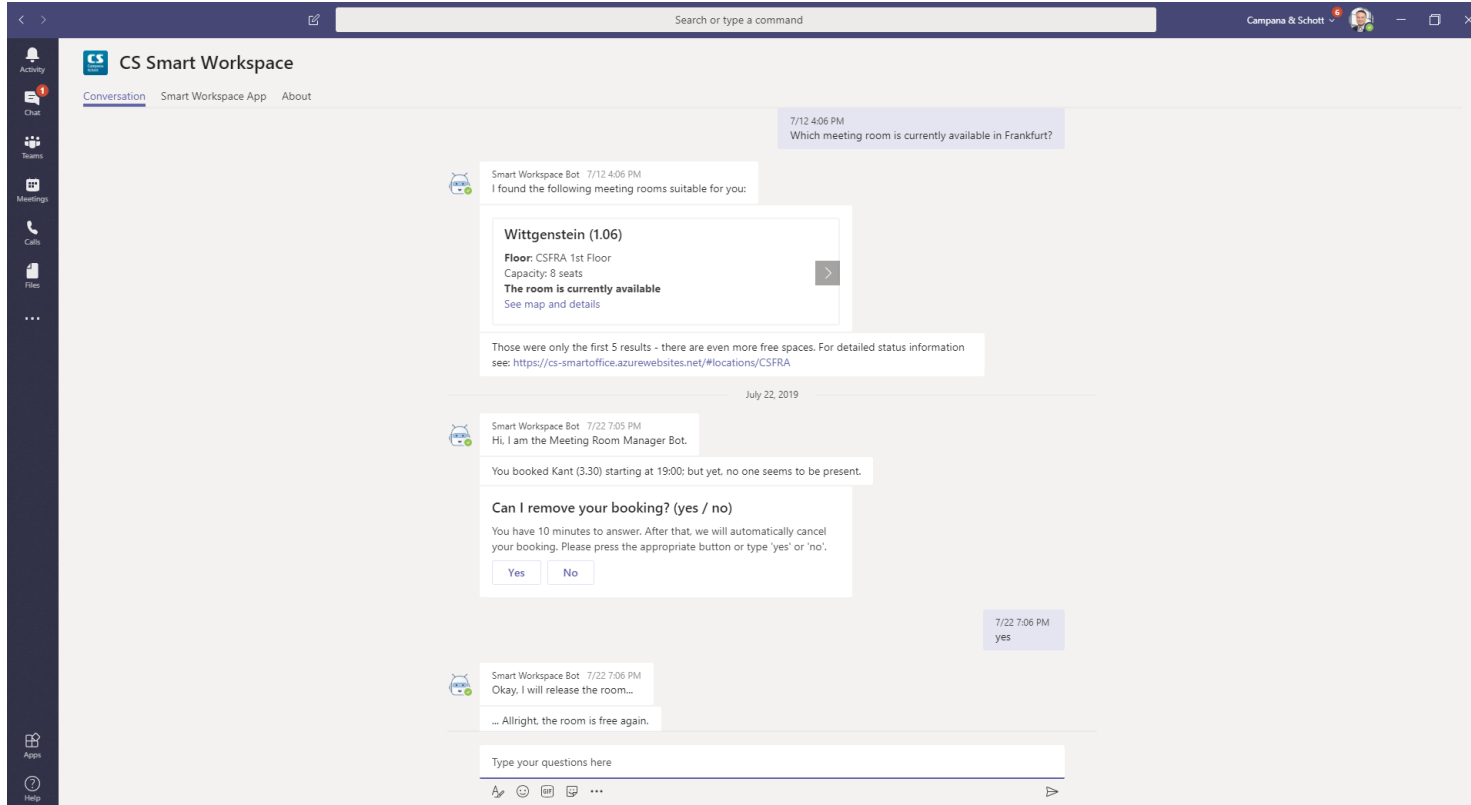
Teams Smart Workspace App. The app is deployed as a native Teams-Application.



Description

- The CS Smart Workspace Teams app is deployed as a **native Teams app**.
- All features of the Smart Workspace are provided in the Teams app
 - **Conversation**
Chat-Bot as assistance system for the use of the building
 - **Smart Workspace App**
Graphical evaluations and overview of building utilization

Teams Smart Workspace App. Teams-Conversation to release a booked room.



Description

- The Chat-Bot serves as a personal assistant for the building
- He provides functions to
 - find free rooms/places
 - delete meeting room reservations in case of non-use
 - extend meetings if the room has not been vacated
 - ...

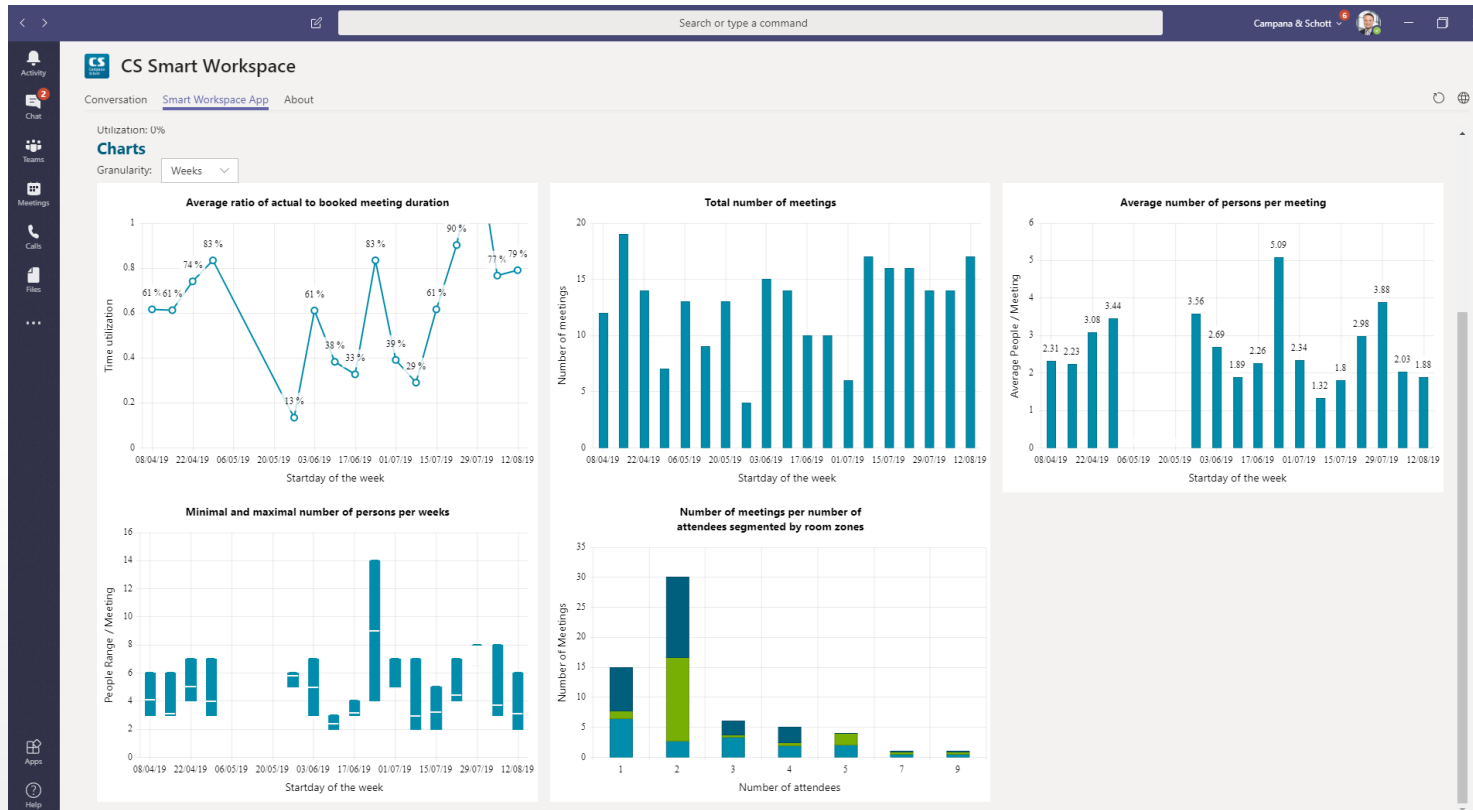
Teams Smart Workspace App. Overview Floor.



Description

- Display of currently available rooms and workstations based on **live IoT data** in MS Teams
- Rooms present the status after the following information
 - Room is booked
 - Room is not booked
 - People were detected by the sensor

Teams Smart Workspace App. Detailed View Room.



Description

- Various standardized dashboards are displayed directly in MS Teams.
- Reports (top row)
 - Percentage presence of people in the booked time
 - Number of scheduled meetings
 - Average number of people in meetings (room efficiency)
- ...

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Thank you.

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