

sedus



se:connects

*Management system
for smart working*



Who we are and what we do



Sedus Stoll AG was founded in 1871 and is one of the leading European manufacturers of office furniture. The product range includes seating furniture, such as swivel and visitor chairs, as well as office, conference and contract furniture – all “Made in Germany”.

The company headquarters is located in Dogern near the High Rhine in southern Germany. Another production site is in Geseke, North Rhine-Westphalia. Sedus is a company with a long tradition, and more than 145 years of company history, that has repeatedly set standards – in terms of ergonomics, manufacturing processes and sustainability. As a synonym for innovation, technology and aesthetics, Sedus constantly enriches the “office world” with new product ideas and contemporary concepts. Sedus pays particular attention to current trends and changes in the workplace. New organisational structures and new ways of working demand flexible, aesthetic furnishings and custom-made solutions that enhance collaboration, communication and movement. A particular focus for Sedus is the health and wellbeing of the users.

For further information, go to www.sedus.com


With our solutions, we support people in expressing their genius at work.




MADE IN GERMANY



Why se:connects?



Companies using IoT services will have clear **competitive advantages**



90% of companies are reorganising themselves to become more **dynamic, networked** and **team-oriented**





Employees who have the opportunity **to choose their own workplace**, are 10-15% more satisfied



With 79%, space efficiency has the greatest impact on costs worldwide

Main advantages of IoT at the workplace

<p>5% increase in productivity through process analysis</p>  <p>Productivity +5%</p>	<p>20% of energy costs saved through space and usage optimisation</p>  <p>Energy costs -20%</p>
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85% of US workers say that **technology** makes them **more productive**



All facts and figures are taken from Sedus INSIGHTS – Innovations and Trends in the Working Environment

IoT = Internet of Things



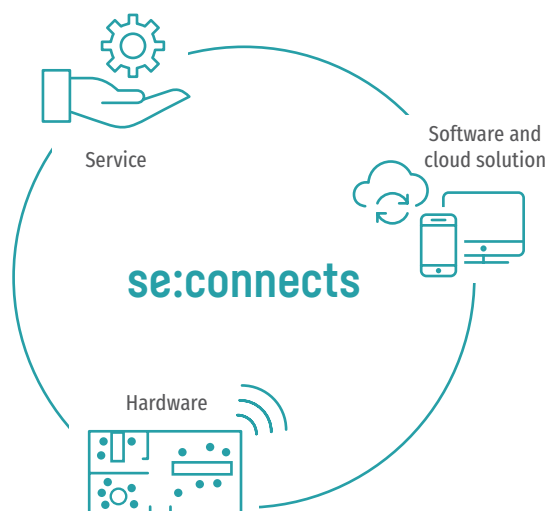
Find, reserve and book free
workplaces easily with se:connects.



MORE FLEXIBLE, MORE PRODUCTIVE,
MORE EFFICIENT

Work smarter, not harder

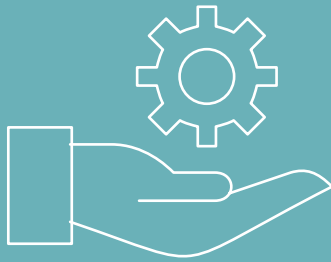
Where fixed workplaces and rigid structures used to dominate office landscapes, more and more companies are now benefiting from the advantages of the smart working concept. The free choice of workplace – depending on tasks and preferences – fundamentally changes the way we work, thus significantly contributing to greater efficiency and job satisfaction.



se:connects is an intelligent solution for the use and management of workplaces in smart working environments. Every employee can easily find and book a free workplace or reserve meeting rooms that match the current work tasks via smartphone or other devices. Facility Management can then use the occupancy data to optimise the working environment.

kapsch >>>

se:connects was developed by Sedus together with Kapsch, an internationally renowned specialist for IoT and data transfer



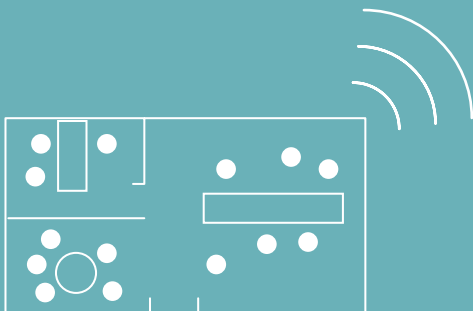
Service (see page 8)

- Optimisation of space and utilisation
- Delivery and installation
- Maintenance and support
- Workplace consulting



Software and cloud solution (see page 10)

- Mobile app for users
- Admin app for administration and support
- Web platform with analysis tool
- Cloud service



Hardware (see page 16)

- Workplace sensors
- IoT gateway

se:connects

The all-in-one solution without compromises

To ensure everything goes smoothly, se:connects comprises service, software and hardware. You decide on the se:connects solution and Sedus takes care of the rest.

Service

The all round service is there to support and help you to make the implementation easy. From detailed planning and installation to maintenance and support, the Sedus service is there to help you at all times. The experienced team of workplace consulting experts are there to support you in the analysis and optimisation of your rooms and workplace concepts.

Software and cloud solution

It's easy with the mobile app: it has various functions, offers employees an overview of rooms and workplaces and enables booking. Facility managers can use an analysis tool to access anonymised data for evaluations and efficient space utilisation.

Hardware

The workplace sensors are integrated in desks and office chairs to detect the presence of the users and pass this information on to an IoT gateway to store the data in a cloud.

SERVICE

Smart working can be so easy

Sedus takes care of all the necessary steps from the initial consultation to analysis and active use. Setting up se:connects couldn't be easier.

Workshop and implementation

Whether already existing office structures or new furnishings: in a joint workshop we will examine the existing spaces, adopt the floor plans and define the functionalities of the app. The next step is the implementation.

Analysis and evaluation

se:connects Analytics – the evaluation module – enables facility managers, to document the current occupancy data of the office space over a defined period of time.

Workplace Consulting and reorganisation

Based on the analysis results, Workplace Consulting develops a concept that takes into account different ways of working and needs. This allows the existing area to be reorganised and optimally used.

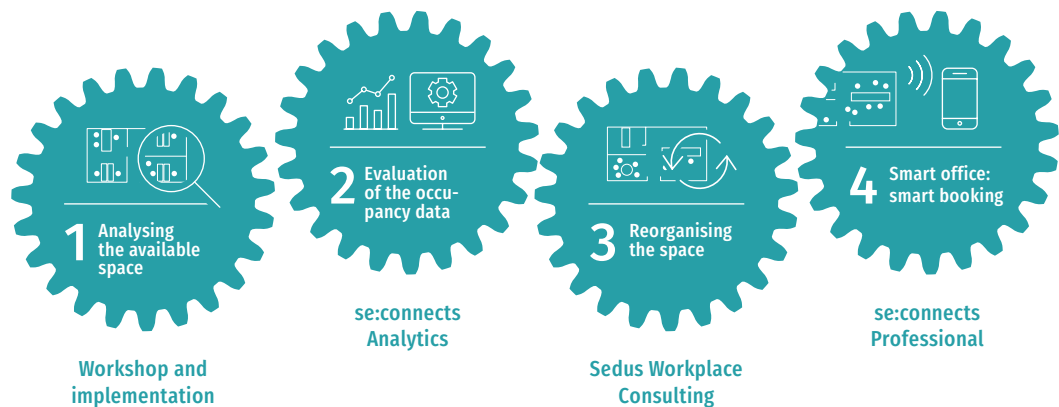
Smart working environment with se:connects Professional

In an individually optimised smart office, employees use se:connects Professional to smartly book workplaces and meeting rooms and locate colleagues.





Four steps to a smart office



Sedus Workplace Consulting

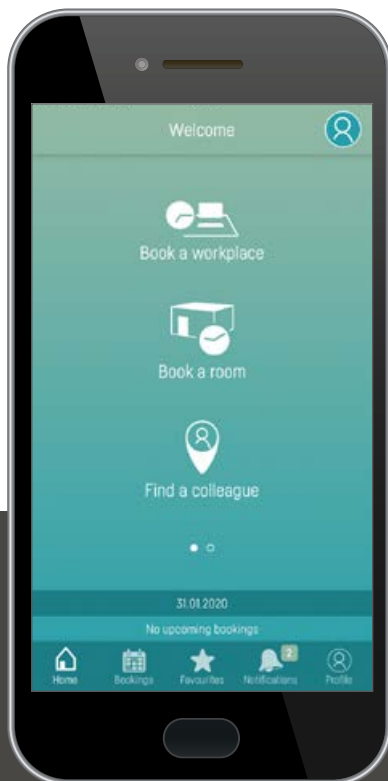
Do you need support with your smart office design? The experienced Sedus Workplace Consulting experts will help you analyse and design or optimise your working environment. Based on the findings of the current use of your office space, they will develop possible solutions, identify opportunities and, on the basis of the results, elaborate a planning framework which will help to develop a sustainable, innovative office concept. With exactly the work settings that ideally support your respective activities and working methods. For a custom-made office concept that focuses on the company goals and the wellbeing of the employees.

Everything at a glance with the app

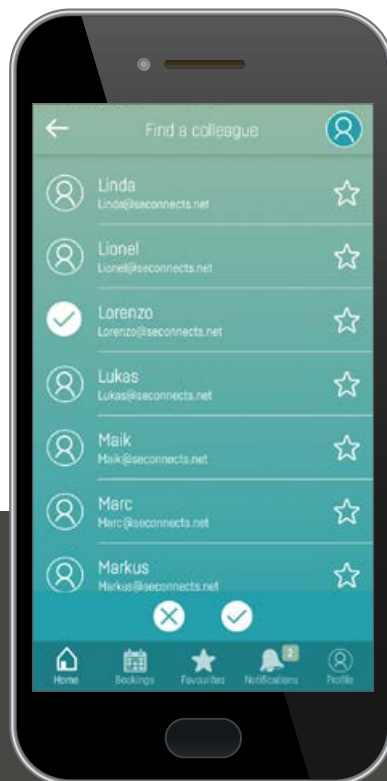
Find, book and use a free workplace

The entire office floor plan with all workplaces is stored in the se:connects app. It displays every occupancy and booking so that the user can immediately see which places are occupied (yellow) or booked (red) and which are available (green). The filter options help to find a suitable workplace, depending on whether concentration, communication or collaboration is required. Cancelling is as easy as booking if a place or room is not needed after all. It is then displayed as free again. The same applies if the user logs in somewhere else – or has been away from the workplace for longer than a predefined time. Whoever books a workplace can remain incognito if desired. Thus, the place is marked as not available, but the person who occupies it remains anonymous.

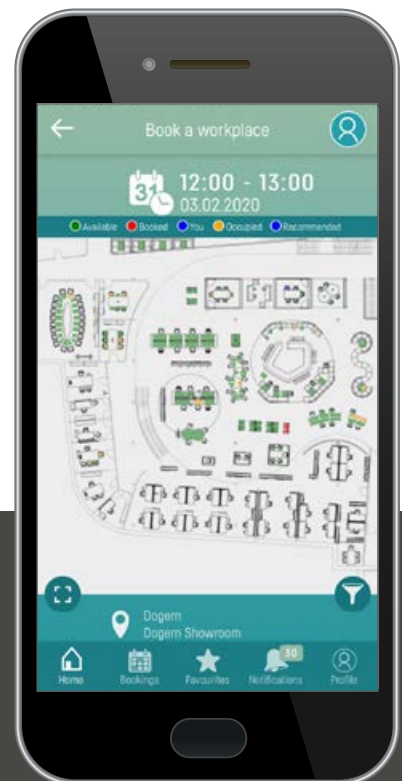
You can find further information about se:connects on our website



Start page with the most important functions



Search function for locating colleagues



Floor plan with colour coding of booked and free workplaces

Locate colleagues

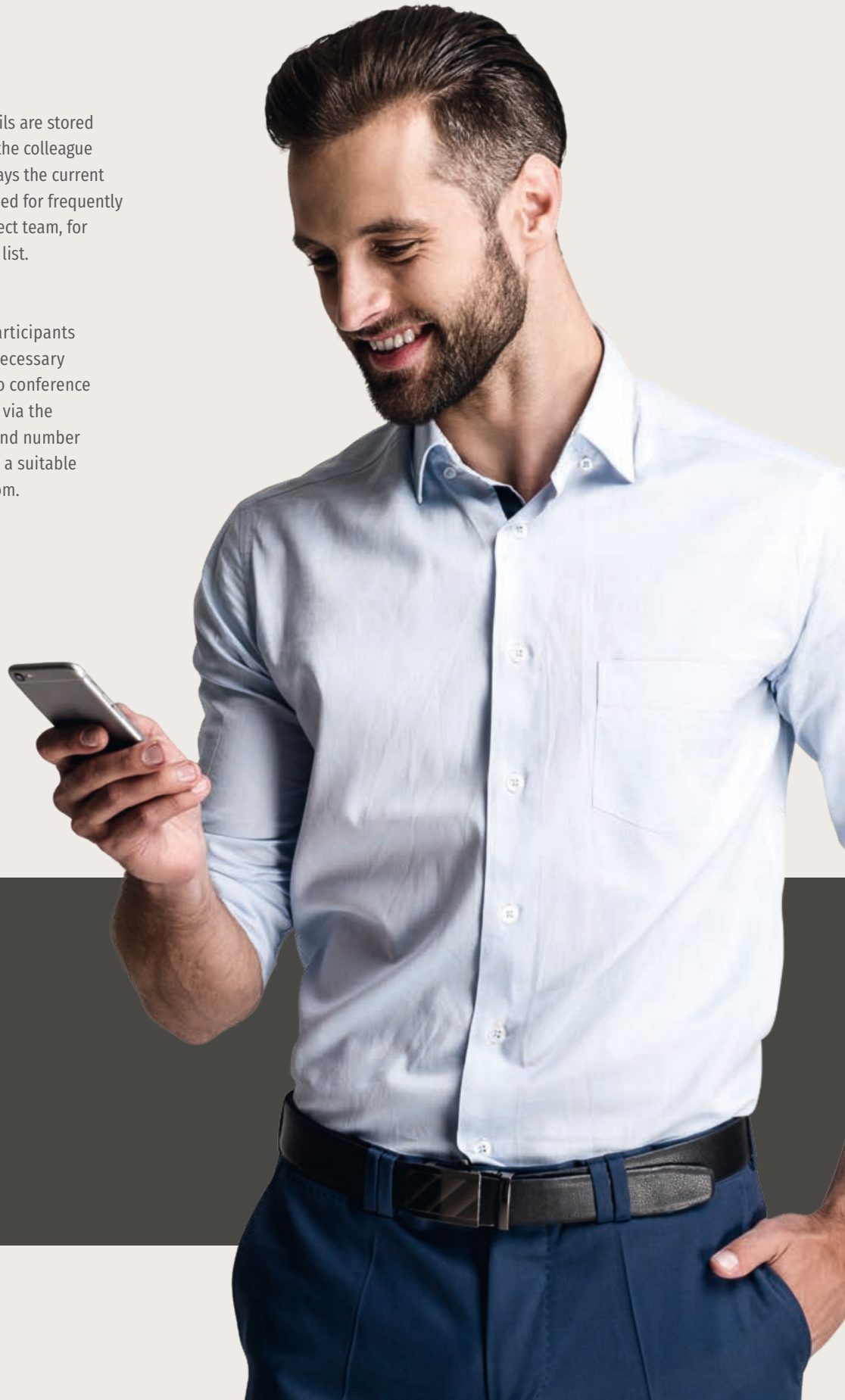
All employee names and contact details are stored in the app. If you tap on the name of the colleague you are looking for, se:connects displays the current workplace. Employees who are searched for frequently or who are members of a certain project team, for example, can be saved in a favourites list.

Book conference rooms

Room booking is simple: First the participants for the meeting are selected, then necessary technical equipment, such as a video conference system or smartboard, can be added via the filter options. Based on the criteria and number of people, se:connects then suggests a suitable room. You can also book any free room.

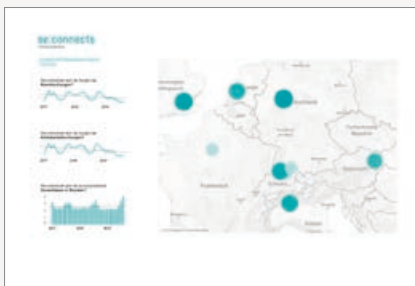
Main app features

- Booking of workplaces
- Booking of conference rooms
- Finding workplaces and rooms according to requirements (e.g. beamer, number of chairs, flip chart, ...)
- Locating colleagues
- Overview of occupied/booked/free workplaces





Clear presentation of usage data according to workplaces and duration of use in the protected web portal



Cross-location analysis of space utilisation and occupancy evaluation



A calendar-based evaluation of the highest occupancy rates allows, for example, optimal scheduling of maintenance work



Evaluation of the most popular rooms on the basis of the booked hours and length of stay



SOFTWARE

Analysing and evaluating occupancy

Targeted analysis and detailed evaluation

Which workplaces are most popular with employees and which are hardly used? Is an additional conference room really needed when the occupancy rate of the existing rooms is only 30 %? These and other questions can be answered in no time with se:connects.

In a protected web portal, all usage data is clearly edited and can be analysed and evaluated according to a wide variety of criteria. Facility managers thus have an effective instrument to increase the efficiency of space utilisation. If desired, the savings potential can be calculated using a separately developed tool. Less rental and operating costs for companies, higher employee satisfaction: se:connects enables both.

Highest standards in terms of data security and privacy

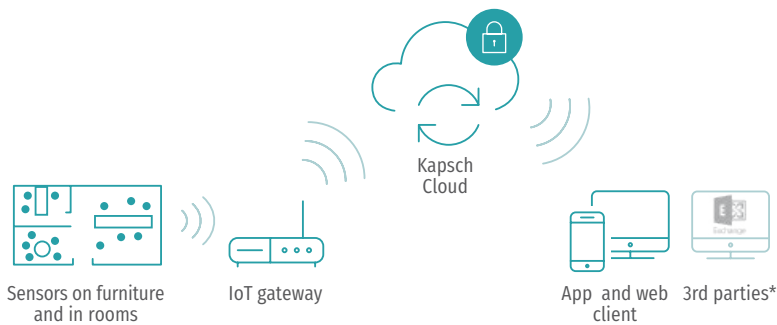
Facility managers and everybody who uses the web platform for analysis only have access to anonymised data. This means that individual usage times cannot be assigned to a particular employee at any time during the evaluation. The personal data and individual bookings that are required temporarily when using se:connects (for example, to locate colleagues) are automatically deleted after each day. The complete system is therefore GDPR compliant.

Maximum security in the cloud

The status data about workplace occupancy is transferred by default to the cloud via an IoT gateway and is continuously synchronised. The cloud provides the data for the app and the analysis tools, so that employees and facility managers can easily find out about workplace and room occupancies – for example, via the Office Outlook calendar. Depending on the interface, external systems, such as catering services and parking management or access controls, can also be integrated.



Kapsch is a globally operating specialist for IoT and data transfer headquartered in Vienna and has been a successful player in the digitalisation and mobility industry for over 125 years



* e.g. MS Exchange, Office 365

To make sure your data is safe

se:connects runs by default in the “Kapsch earthDATAsafe”, Austria’s most secure computing centre built 900 metres into the mountains. All data that is recorded is stored in the Kapsch data safe. The server is certified with all security-relevant certifications. Since the cloud platform is container-based, it can also be hosted in an external data centre.





Guaranteed privacy for your employees:
it is not possible to create movement profiles
or identify users based on the data.

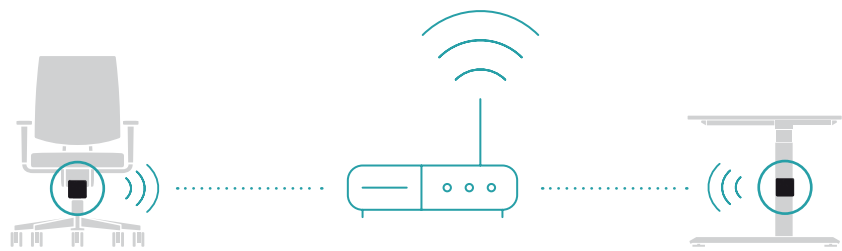
All sensors and receivers can be installed inconspicuously on furniture.



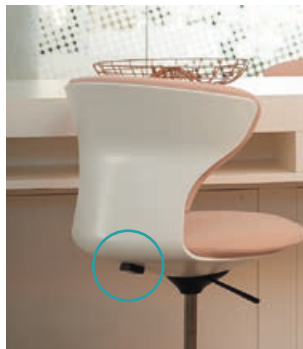
HARDWARE

Unobtrusive sensors and receivers

The sensors are extremely small and have a very long battery life. They are used in combination with se:connects and are installed on chairs and tables. The data is collected in the gateway and sent to the cloud so that the app can read it.



The gateway receives the data from the sensors and sends it directly to the cloud



The small unobtrusive sensors can also be retrofitted to existing furniture. The standard sensor colours are black and white. Other colours are available on request.

Frequently asked questions

Are the employees under complete surveillance?

No, the employees will not be monitored more or less than before. Even though the system knows the bookings and the corresponding people, all personal references are deleted at the end of the day. From a technical point of view, it is, therefore, not possible to report anyone. An employee can be located by other employees if the respective setting has been enabled. However, this function can be disabled if it is not desired.

Is the privacy of the employees guaranteed when they use se:connects?

Yes, any time. It is not possible to create movement profiles or assign data to a specific user.

Can I use the app to cancel meeting rooms?

Yes, bookings can be cancelled under the menu item "My Bookings". You can also cancel a booking via Outlook, for example.

I do not trust the cloud. Is my data really safe there?

Yes, your data is safe! se:connects runs by default in the "earthDATAsafe". It is Austria's most secure data centre, built 900 metres deep into the mountain. It manages and processes banking transactions, flight safety data and similar critical data.

Do I have to integrate the new hardware into my intranet?

You don't have to, but it makes things easier. The se:connects gateway only requires an open Internet connection. This connection can also be easily established via the guest WLAN. To do so, the MAC addresses must be enabled via your admin. This does not, however, affect the internal IT infrastructure. Another option would be to provide a parallel infrastructure.

Can I import external systems, such as catering?

Yes, if the external systems have an open interface, they can be integrated. Please contact us. We will be happy to send you an offer.

Any further questions?

Please contact our expert
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sedusmartoffice

Come and visit us in Dogern. In our Smart Office, we will show you how se:connects functions under real working conditions

On site worldwide



Visit us in one of our showrooms

- Austria: Vienna
 - Belgium: Erembodegem-Aalst
 - France: Paris
 - Germany: Berlin, Dogern, Geseke, Hamburg, Munich, Rhine-Main
 - Great Britain: London
 - Italy: Cadorago
 - Netherlands: Zoetermeer
 - Spain: Madrid
 - Switzerland: Rickenbach
 - United Arab Emirates: Dubai
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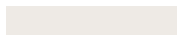


Would you like to learn, read and see more about Sedus?
Visit us on our social media channels!

“se:connects

is an intelligent solution for the use and management of workplaces in smart working environments.”

Jan Pahnke, Sedus Product Manager & Martin Stiebeling, Sedus Digital Services



www.sedus.com

