NEXTRAINS GEOGRAPHICE

For the office of tomorrow. And beyond.



English



BACHMANN is known for its quality and expertise in the electrical engineering industry, both on a national and international scale. To this day, we have repeatedly succeeded in providing decisive market impulses and offering products that create added value for our customers worldwide.

What's new though is that our world is becoming increasingly disruptive. Tomorrow's requirements differ from today's; those from beyond must be anticipated today. Individual products and components are no longer sufficient. Systems, platforms and digital services will shape the future. And this is exactly what we are now focusing on. Our Next Generation Office portfolio demonstrates this perfectly. We are looking forward to exploring this new world with you.

Hans-Peter Wulf | Head of Global Sales





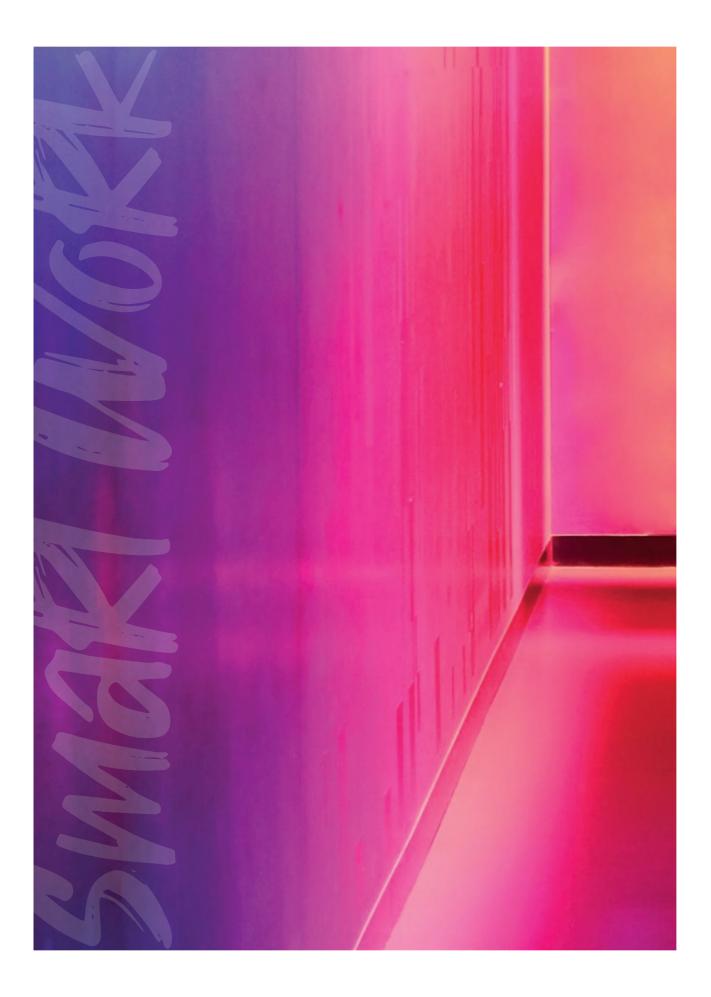
The office of the future

Next Generation Office Our solutions

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We'll gladly head into the future with you!

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Be ready for change. Every day.

React faster and more efficiently.

Be flexible and don't lose sight of your values.

Sounds familiar, doesn't it?

The demands placed on employers and employees are ever increasing – and the workplace must keep pace, too. Digitalisation is not only an integral part of the workplace – more and more is expected of employees, and in turn, they expect more from their professional environment.

Flexibility is at the heart of it all: including mental, social and physical flexibility. Rigid office infrastructures often prevent our desire for freedom. A barrier to productivity? Definitely!

Team and project work demand agile spaces. The time has come to test flexible ways for our daily work in terms of functionality and future requirements.

What does the office of TomoRRow look like?

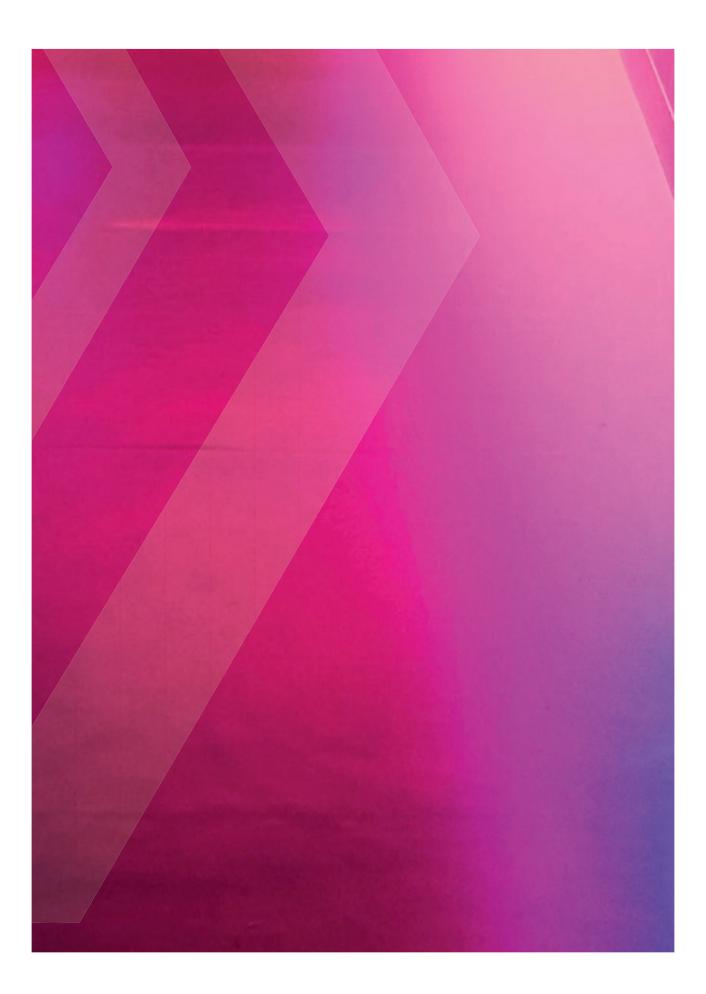
Future topics

Desk sharing, teamwork and agile working regardless of time or place – preferably in an atmosphere of wellbeing – all counts for employees and employers alike. To work efficiently and productively, suitable surroundings and appropriate equipment are becoming more and more important.

These new ways of working (Smart Work) require building and workplace infrastructures to be adapted to our modern day-to-day life. These include, for example, flexible work and presentation tools, and new office and room concepts.

A change that in the medium-term leads to greater satisfaction and an increase in the quality of work, and that saves companies infrastructural resources and costs in the long run.





Welcome to the office of THE FUTURE.

Our answer

Thanks to our in-depth research and development in the field of Smart Work we can already provide today innovative technologies enabling companies to best meet the requirements of tomorrow and beyond.

With our Next Generation Office solutions, we deliver intelligent systems that provide superior added value. At BACHMANN, users are at the forefront. Our solutions are intuitive and flexible. They impress by modern design and high functionality.

Our approach

Organizing everyday life flexibly and efficiently, from relocation management to teamwork. Furthermore, creating professional environments where people feel comfortable and providing them with the tools to make life easier.

Next Generation Office

Our smart solutions feature exactly the functionality that is necessary to make the workplace of beyond flexible and efficient. Rigid infrastructures are a thing of the past. The Next Generation Office product portfolio helps to turn challenges into opportunities – and fear into curiosity. It also increases well-being in the workplace.

Long-term savings

Offering support to Human Resources and Facility Managers: Our systems meet the requirements for a smart workplace management and support savings in infrastructural resources.

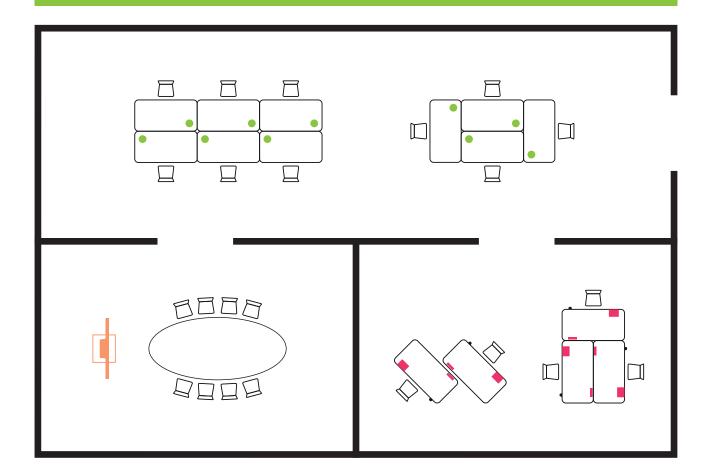
See for yourself!

Over the next few pages, we will carry you to already today the office of the future. We will introduce future-proof systems that make everyday work more comfortable and flexible. Whether in an open-plan office, start-up or big companies: Our range of technical components provide the perfect solution for every environment. See for yourself!

iotspot

16

Come on in and discover efficient **hot desking** and **smart workplace management** using iotspot in our desk connection panel.



30

Independent Monitor

Heading for the meeting room – or what about opting for the coffee lounge instead? Flexible and available everywhere, we will show you how easy it is to collaborate using the Independent Monitor.



Independent Workplace

Don't be shy, come on in! We will show you different **flexible work** situations using our Independent Workplace.

Decide for yourself where the future should start!



Do you need **individual counselling** or want to know more about Next Generation Office? We'd be happy to talk to you personally.



Always looking for a workplace?

Home office, meetings and increasing project work mean that desks are not always occupied and employers end up incurring unnecessary costs. To solve these problems, utilise efficient workplace management and a new way of working: Hot Desking.

Whether you are in a co-working space or an open-plan office, flexible workplace options are intended to encourage mutual exchange and increase productivity, in addition to minimising costs. However, on a daily basis many employees in flexible offices struggle to find an available workplace, their project partners or the desired silence. This is despite the fact that facility monitoring often shows a low office occupancy rate.

Using the iotspot booking system, employees can find and book their workplaces quickly and easily.





The smart iotspot workspace platform meets requirements from an employer's (facility monitoring) as well as from an employee's perspective (hospitality).

Using resources intelligently

In this way, those responsible for office spaces receive information on office occupancy, as well as analyses of workplace utilisation, which in turn provides valuable knowledge for optimising costs and workplaces.

10TSPOT

Book a workplace – wherever you are



Share a desk, share a project

Thanks to the intelligent iotspot app, there is nothing stopping you from starting the day the right way – simply open the app and off you go!

As iotspot is integrated into a BACHMANN desk connection panel, that annoying search for a free space, your project partner or the desired silence is a thing of the past. Workplaces and meeting rooms can quickly and easily been searched and booked.

Do you work across different locations? No problem! The app lists all buildings and floors. You can even choose between the standard view and an extendible, detailed map view of your work area.

iotspot







iotspot

Customized booking system



* The following BACHMANN products are compatible with iotspot

CONFERENCE TOP FRAME CONI POWER FRAME DESK 2 DESK 2 ALU BLACK DESK RAIL DESK Congestion on the roads, trains delayed? Thanks to the customized booking system from iotspot, you will still arrive relaxed at the office – despite travel chaos outside.

A new favourite spot: the office

One system, many modules – perfectly tailored for any location: Our desk connection panels* featuring the integrated booking system can be adapted individually to the needs of different office infrastructures and requirements.

iotspot offers numerous features that transform the office into the new favourite spot. These are available from a basic version to an all-round carefree package and are continuously being expanded.

Co-working features

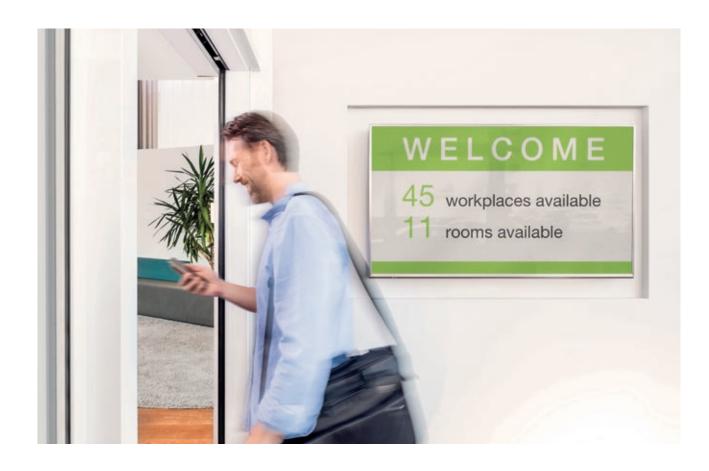
Using the search function integrated in the app (if enabled), you can quickly find your favourite colleagues or project partners.

Do you want a particular colleague or your team near you today? Invite people to workplaces around you using the messenger function. Colleagues can then make a booking directly using the link you have sent – the co-working can begin!

And what about being spontaneous, without using the app? No problem!

Have you left your phone at home or you cannot get a signal on the tram? Simply find a free workplace once you have arrived and set to work. Sensors register people's presence and send this information to the iotspot via Bluetooth – iotspot then lights up orange.

Bright LED colour rings display the workplace's current status – available, booked or occupied.





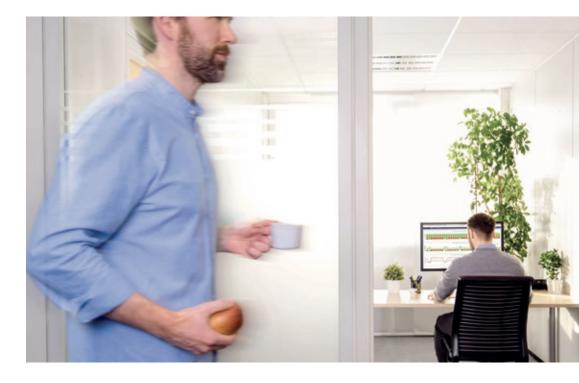
Individual lobby screens

Information at a glance

Predefined or individually configurable lobby screens give users a quick overview of the occupancy and availability of workplaces and meeting rooms on each floor.

Have you forgotten to book a desk and all spots are taken? No problem. In the app free availabilities across the company's other locations are shown – unnecessary ways can be avoided.

10TSPOT



Plug & Play – it couldn't be simpler

Plug in and off you go

Fast, one-time configuration: All modules in the iotspot platform are Plug & Play products. They can be used without requiring a connection to the IT infrastructure. This saves both time and resources. Thanks to a direct LTE-M connection to the cloud, one main connection is enough to integrate iotspot into your office.

iotspot can be extended via additional services based on open APIs.







Check the facility dashboard

Everything in sight – from rooms to indoor climate How many workplaces and meeting rooms are actually occupied? Using predefined or individually configurable dashboards, workplace and meeting-room occupancy can be evaluated over specific periods of time, for example. The data is collected via GDPR-compliant workplace or room sensors and sent to the cloud via iotspot modules.

Reports provide the Facility Management team with valuable information on occupancy rates and space utilisation. Optimisation measures can then be derived from this – for example trips to and from the workplace, and the reduction of equipment, office space or materials.

Are you feeling ready and wide awake? Are you bursting with ideas? Or is there not enough oxygen in the air and you are feeling tired and unproductive?

iotspot not only measures the room occupancy with optional sensors, but the indoor climate, too. Accordingly it is possible to ensure that the best creative and productive meeting conditions prevail at all times in the future.

Plan clever and save

The office of beyond – for employees, Facility Managers and Human Resources teams already today.

Everyday the long hunt for a free workplace? Your project team is sitting at the other end of the building? Or are workplaces simply not being used enough? The consequences: unhappy employees and high costs resulting from expensive, empty office spaces.

Our solution: iotspot integrated into our desk connection panels. iotspot the smart workspace platform adds value thanks to its intuitive booking system, sophisticated workplace management and numerous additional functions. At the same time, BACHMANN will provide every workplace with electrical connections, such as sockets, data connections and charging options. Offices are therefore conveniently equipped for all employees.



SKKPLACE PLAHOK



10TSPOT

Creating efficient and enjoyable day-to-day work

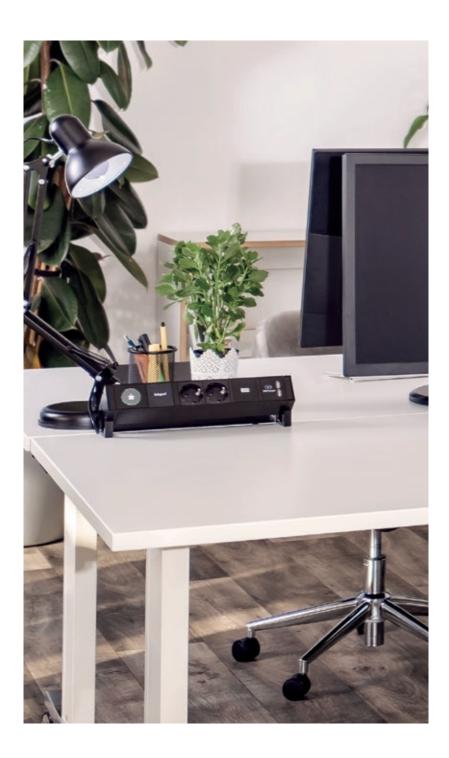
A system that makes you happy! It provides various analyses for facility managers and offers a feeling of well-being for employees – just what the HR team wants. This is what the iotspot platform offers the company – regardless of the building's IT infrastructure.

Optional extras increase functionality: Amongst others, the indoor climate can be measured at workplaces or in meeting rooms.

Greater productivity, lower costs

iotspot makes flexibility real: Employees in open-plan offices can easily find their desk – and simply connect mobile devices to the BACHMANN desk connection panel. Book your spot relaxed over coffee from home, arrive and start working. An employee's working day gets off to a perfect start every morning, they are highly motivated and more productive.

The benefit for the company? In the long run, intelligent space utilisation saves infrastructural resources.





DESK 2

Meets the highest of demands in terms of functionality, quality, design and flexibility

Optimum power distribution

Simply arrive and get to work: iotspot not only makes it extremely easy to find a workplace – DESK 2 also ensures that each desk is equipped with power connections and is kept tidy

Integrated iotspot module

Designated by a clear symbol; illuminated LED ring to identify the status; supports LTE-M, NFC, Beacon and Bluetooth connectivity

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iotspot

USB charger

Integrated into the DESK 2, universal USB chargers conveniently charge mobile devices

BACH

Custom Module

Flexible design: In addition to using iotspot as a central module, the DESK 2 can also be equipped with video, audio and network connections

Individually expandable: Start with IoT hardware and simply extend the system by adding smart services. No problem! We can provide the perfect package.

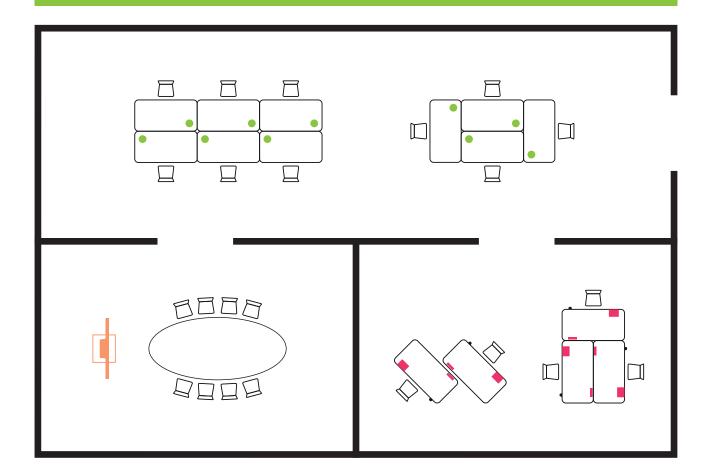
iotspot can be integrated into the following desk connection panels:

CONFERENCE, TOP FRAME, CONI, POWER FRAME, DESK 2, DESK 2 ALU BLACK, DESK RAIL, DESK

iotspot

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Independent Monitor

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Don't be shy, come on in! We will show you different **flexible work** situations using our Independent Workplace.

Choose for yourself – which room will you discover next?



Do you need **individual counselling** or want to know more about Next Generation Office? We'd be happy to talk to you personally.



Spontaneous meeting? No problem!

Working alone is a thing of the past: Teams and project work have long been part of everyday life. But what about tomorrow?

In the future, collaboration will be the magic word. What is the difference?

In the future, colleagues will not only work in a team, but also work together and simultaneously on projects. Companies must not only create a basis for a modern IT infrastructure incorporating cloud solutions and online programs. To optimally support collaborative work, the requirements relating to office space are also changing. Team collaboration and communication must be successful both offline and online. Spontaneous presentations and collaborative work among employees should no longer create an obstacle.

Flexible office zones and office infrastructures are the solutions for collaborative work.



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New working methods = new challenges. The modern workplace must adapt flexibly to our current working environment. Visual content needs to be shared with colleagues, customers and partners quickly and easily.

Our Independent Monitor meets these demands: Due to the battery pack the monitor can be used wherever it is needed, regardless of standard infrastructure such as sockets, network connections or cabled devices.

Placing, connecting and presenting made easy!

Whether you are at your workplace or in a meeting room, use the battery-powered Independent Monitor to easily share visual content with your project team, customers and partners. Simply grab the monitor to give your presentation, independently of the building infrastructure. Are there no more rooms available or you have forgotten to book? No problem! Simply move the meeting to the coffee lounge – be flexible, no matter the location.

Give presentations or hold a virtual conference with colleagues on the other side of the world wirelessly: A high-definition display and integrated loudspeakers ensure the best possible quality.





Maximum functionality

The Plug & Play solution can be operated flexibly, easily and reliably by various users.

Outstanding compatibility

Can be equipped with different technical components, such as Wi-Fi presentation systems and digital signage players.



Maximum mobility

The battery pack enables the monitor to be placed anywhere in a room – no need to battle with annoying cables any longer, simply wheel it into place.

Long battery life

Have presentations wirelessly a whole working day then charge it overnight.

Electronic height adjustment

Always at the perfect height, whether sitting or standing.

Perfectly equipped office space

Easy arrival – no matter where, when and at what time! The Independent Monitor transforms any meeting room into your employees' favourite place. Annoying connection problems are a thing of the past – spontaneous presentations are now the order of the day. Meetings, events and presentations integrate seamlessly into agile day-to-day work routines.

Mobile and completely wireless, the monitor can be used in an open-plan office or even in huddle rooms within conference rooms or the canteen.

- Ideal for smaller conferences or meetings, and presentations at events and exhibitions
- Wireless transmission of audio and video signals
- Plug & Play function for playing back and sharing presentation content



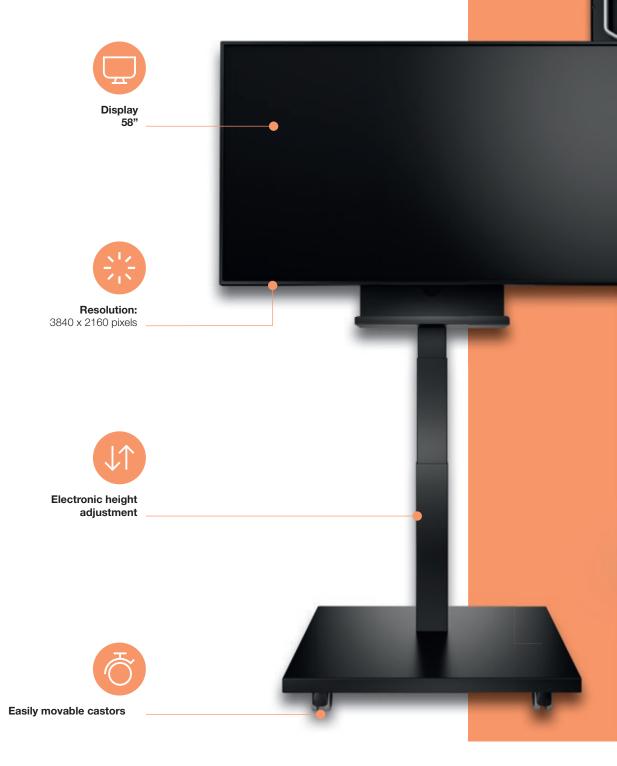


Share content spontaneously and from everywhere

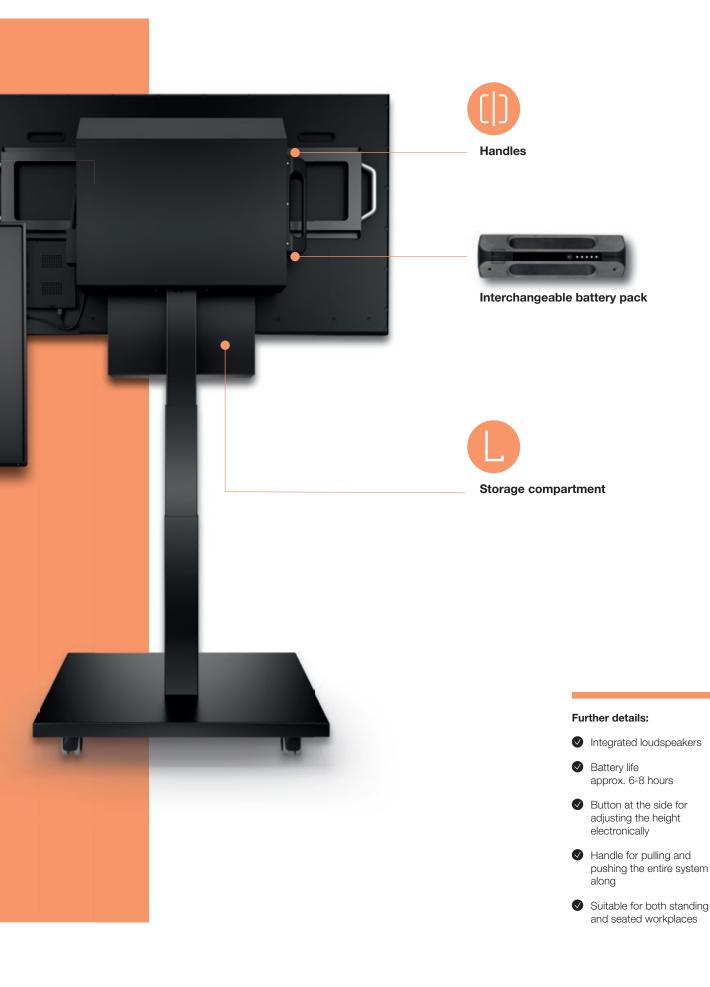
Do you want to easily share visual content at the point of sale, at trade fairs or events? No problem! With the Independent Monitor, you can reach customers beyond your usual office space.

- Battery-operated monitor with digital signage player: Ideal for advertising campaigns and information screens
- Content on SD cards can be played automatically on a loop
- Remote control: Play content from different locations

Product features



INDEPENDENT MONITOR



INDEPENDENT MONITOR

Make it simple: Basic configuration



INDEPENDENT MONITOR

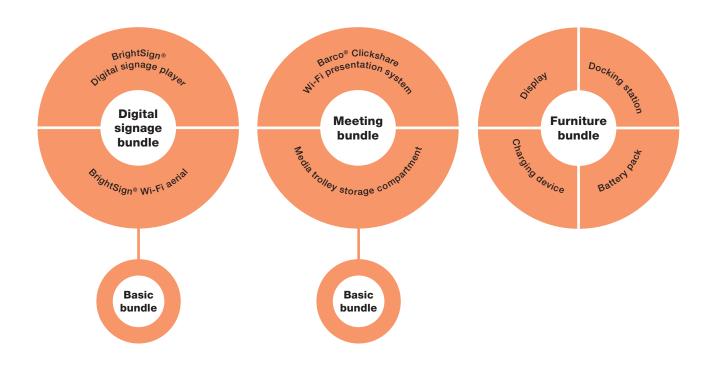
Make it special: Custom configuration

Flexibly adapt the configuration of the Independent Monitor to suit your office. Different needs created by day-to-day office life can be met through numerous options.

Are you interested in leasing?

Talk to us about your options. Leasing enables you to distribute costs across constant and calculable amounts every month.

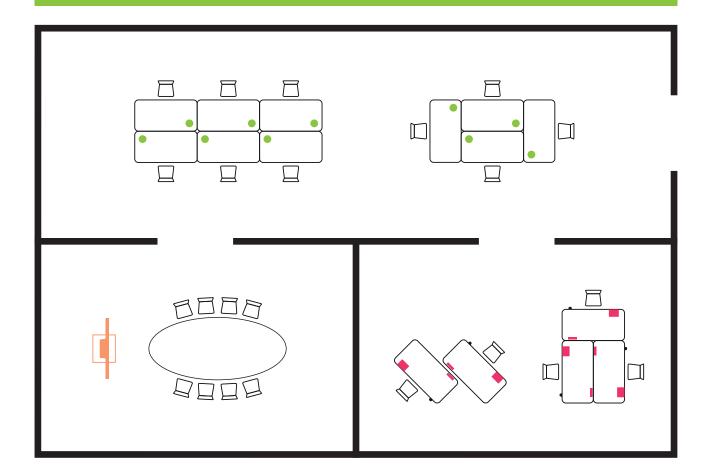
- Optimally configure the system for different applications
- Present and provide information however you wish
- Customised configurations on request
- Advice for your application purpose



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Where will you actually be sitting tomorrow?

Buildings are becoming smarter, the call for flexible, convenient building infrastructures is getting ever louder. This also applies to power supply structures.

Companies are changing their working environments, even down to incorporating comprehensive Smart Work concepts. This is paving the way for a more flexible use of space. At the same time, the way of cooperation has changed considerably in recent years.

Agile, interdisciplinary project teams meet for spontaneous meetings; collaboration is becoming increasingly important. As a result, the modern working environment not only has to be energy-efficient, it must also be in a position to adapt to any restructuring or relocation with flexibility. Last but not least, convenient use is just as important as an attractive design that matches the innovative interior of the modern office world.



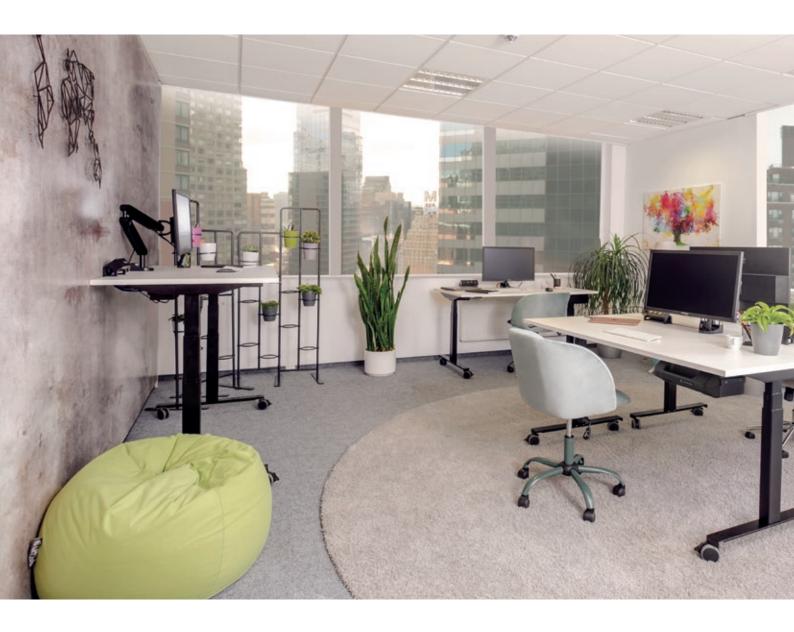
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Your teams are changing or you need a new room concept? Collaboration, flexible work, co-working spaces – with BACHMANN's Independent Workplace, Smart Work scenarios can be implemented easily, flexibly and dynamically. Creative and free: The wireless system comprises coordinated components that ensure independence from the power grid and classic building infrastructures. The workplace can be moved to any desired location in no time.

An extendible system kit is supplied for each Independent Workplace. The kit comprises components that ensure the desired mobility and spontaneity. Thanks to an innovative battery storage system, it lasts a full working day.

From rigid to free and agile







 Arrange your workplace as desired

- Independent of the building infrastructure
- Old, new or temporary: Fits into any environment

Do you arrive in the morning and check your e-mails before working as part of a project team or brainstorming to gather ideas? In future, each and every work situation will require just one desk. Simply grab the battery, find your desk, insert it into the docking station and take on any work situation: With the Independent Workplace, all Smart Work situations can be implemented easily and dynamically.

Is your favourite place no longer available? No problem thanks to a multi-converter! Simply take your laptop, phone and USB mouse with you, find an available workplace and connect to the docking station. The multi-converter transforms the battery's DC voltage into the appropriate DC voltages for compatible end devices. Don't be hampered by technology any longer – be inspired by freedom: The new way to work flexibly.

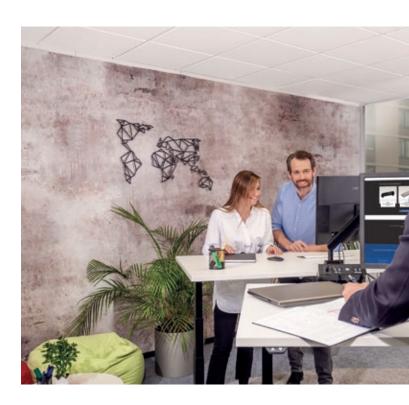
Time to call it a day? Simply pack your things away and connect the battery to the charging station or power supply system – have a clean desk, 24 hours a day.

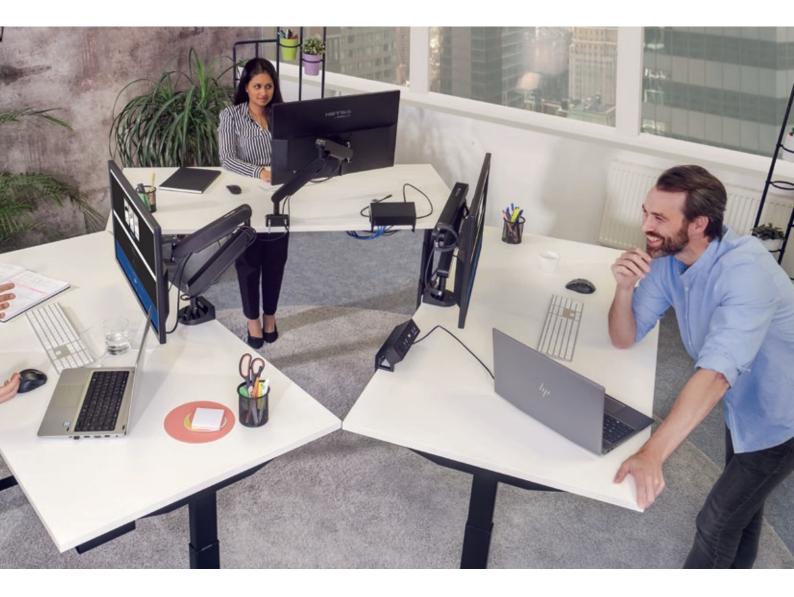


Are you still reconstructing or are you already free?

Enlarge, reduce or reconstruct: Use the Independent Workplace to change your working environment flexibly. In future, companies, facility managers and HR teams will be able to plan independently of the power grid. Thanks to this new type of workplace, neither floor installation systems nor cable routing need to be considered.









- No raised floors, floor-box systems or cable duct systems
- Minimises investment in building infrastructure
- Seamless building conversions and the perfect basis for maximum flexibility in new buildings
- Simplified use of temporary spaces
- Optimum space utilisation

Sophisticated. Functional. Flexible.

A modular system that brings agility to life: Throughout the working day, employees can work in alternating work situations or environments. BACHMANN guarantees utmost flexibility using the Independent Workplace system kit.

> De pa

Desk connection panels

Suitable desk connection panels available on request. Possible to mount components on different materials.



Charger

Whether portable or fixed, the LI1000 battery charger – which can be attached to tables or various surfaces via an optional bracket – is used to conveniently charge the LI1000 battery overnight.

- Power: 130W
- No noise



StarTech[®] Port-Replicator

Intelligently distributed: The Port Replicator serves both as a data interface and as a laptop power supply. The dual HDMI adapter connects the USB-C laptop to two monitors – content can be shown flexibly.

- Power supply via USB-C
- HDMI connectionsUSB-A connections
- USB-A CONNECTIONS



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ZG1 monitor arm

Posture-related complaints such as back pain will be a thing of the past thanks to the ZG1 monitor arm. Its convenient adjustment options – suitable for ever-changing, individual working positions – ensure ergonomics at the workplace.

- Mounted on the tabletop from above
- Monitors of up to 34" and 11 kgClean desk, thanks to concealed
- cablesSafety assured with the 180° lock feature
- 360° swivel range



Meets every need – especially yours!

Suitable system for every demand: From touch-down workplaces to complete solutions, from local to mobile. Different features and accessory products ensure even greater flexibility and well-being.



LI1000 battery pack

The heart of the independent system kit: The battery supplies the workplace with power. As soon as the L1000 is fully inserted into the docking station, end devices can be used straight away. The LED display shows the current charge level at the touch of a button.

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Technology: Lithium-ion

- Weight: approx. 6.5 kg
- Energy supply: 960 Wh

unit acts as an interface between various end devices and the power

Whether it's a phone, laptop or monitor: The DC power distribution

Multi-Converter

supply. This converts unregulated battery voltage and supplies compatible hardware with the necessary operating voltage.

- Input voltage of 40-60 volts
- WIELAND GST15i2 socket 24 VDC/max. 4.5 A (electronic height adjustment, LED lights)
- WIELAND GST15i2 socket 12VDC/max. 1.5A
- USB-A with 5V/3A (smartphone, tablet, wireless charger)
- USB-C power delivery up to max. 20V/3A (notebook, monitor)



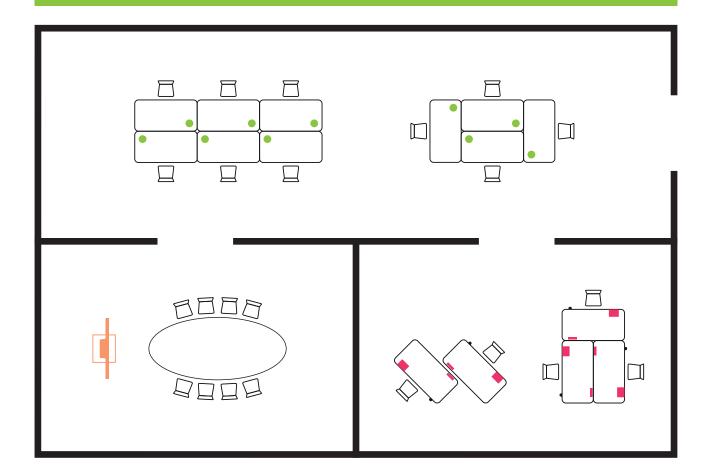
Docking station

Whether for discharging or charging: The docking station is the counterpart for the L1000 battery pack. Elegantly mounted under the desk, when combined with the battery, it ensures that the Independent Workplace is autonomous of the mains supply. In combination with the charger, lockers or other pieces of furniture are transformed into a charging station for the battery.

iotspot

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Have you already visited our other areas in the office?



Do you need **individual counselling** or want to know more about Next Generation Office? We'd be happy to talk to you personally.





Let's talk about the future!

In these different rooms, we have shown you different scenarios of the future: From desk sharing and collaboration to flexible work. BACHMANN's intelligent solutions offer something for every requirement. Our approach: Create work environments with our systems where your employees feel comfortable and have access to tools that they want to use rather than have to use.

Design your own Next Generation Office!

It's great that you're with us here in the present. Do you still work in rooms, or are you already in an open space? We would be happy to talk to you about your very own office of the future.

Whether you are looking for innovative solutions or integrable desk connection panels, **talk to us?**

Or write to us: next-generation-office@bachmann.com



Agile teams	iotspot	Teamwork in which members act in processes in a forward- looking, flexible and proactive manner to introduce necessary changes quickly.
Clean desk	(interpoted and interpoted and inter	In short, a clean and tidy workplace. There is often a "Clean Desk" policy behind this, which focuses primarily on organising workplaces and data protection.
Collaboration	istpor	A form of cooperation. In contrast to classic teamwork, colleagues work on projects together and simultaneously.
Co-working	istspot	A new form of work in which several freelancers, start-ups or companies share a common workplace or location.
Desk sharing (Hot Desking)	itspot	Considered an office organisation system in which employees do not have a fixed workplace, but can use any physical workplace at different periods of time.
Flexible work	iotspot	This represents a certain amount of freedom that employers give their employees when deciding how to carry out work and coordinating their schedules. The employer can set certain limits (core working time and working hours).



Generation Z		The demographic group following on from the Millennials. Born between the mid 1990s and the early 2000s.
Huddle rooms	istspor	Small meeting and conference rooms equipped with audio and video systems.
Smart Work	ictspot	The umbrella term for a new way of working in the office of the future, which focuses on productivity as well as satisfaction, creativity and the development of one's own personality in everyday working life.
Open space	isspot	Describes a space utilisation concept in which open office spaces are used rather than small, closed ones.
Scrum		An agile method by which teams work with less bureaucracy and planning time to complete projects faster.
Workplace well-being	istpor	Refers to all aspects of working life – from quality and safety to employees' perceptions of their working environment, working climate and work organisation.

The BACHMANN Group

Innovative, individual, international

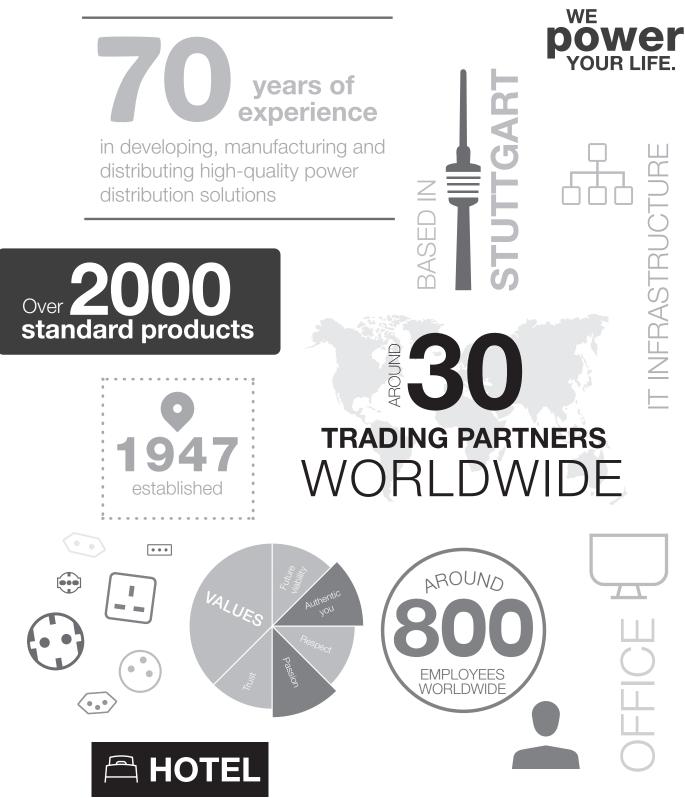
BACHMANN, founded in 1947, is an owner-managed company with a global presence in the electrical engineering industry. Based in Stuttgart, the BACHMANN Group develops, produces and markets innovative electrical components and systems such as intelligent power distribution units, desk connection panels and assemblies.

Alongside the production expertise at our production and development centres in Germany, Romania and China, BACHMANN has around 30 sales offices and partner companies around the world.













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