

# Create Automation

The home & building automation magazine from Loxone

Nº2  
2020



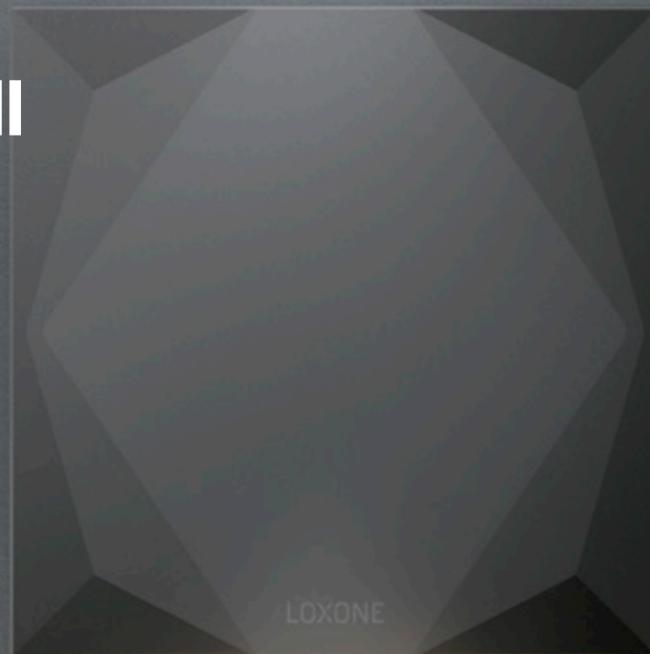
**Beautiful lighting design**

A house that protects itself

**Loxone in residential & commercial**

Plus, inspiring case studies

Our most beautiful product. But you'll rarely use it.



**Touch Pure Anthracite**  
Capacitive touch switch for the control of lighting, shading, music & more.

Illustration is actual size

Loxone instinctively takes care of most tasks relating to safety, comfort and energy-efficiency. This saves you up to 50,000 tasks a year; giving back something that is irreplaceable: Time. Time for all the things you do for joy, not out of habit.

[loxone.com](http://loxone.com)

**Create Automation**

**LOXONE**

Martin Öller & Thomas Moser



» It's about the experience of Loxone taking care of numerous tasks, each and every day. All without me having to do anything. This not only frees up my time but also gives me peace of mind that everything is under control.«

... here is your new source of inspiration:  
**The new Create Automation Magazine!**

The Loxone ecosystem is not a collection of gadgets. It is the perfect solution for easy control and intelligent automation of projects of all kinds. The 120,000 Loxone systems installed worldwide are proof of this.

» With Loxone we're able to share this unique comfort with the world.«

So, whether it's a classic smart home, the ultra-modern Red Cross headquarters in Barcelona, the magnificent Matthias Church in the heart of Budapest, the lighthouses in Sydney Harbour or a cowshed in the middle of Switzerland - Loxone can add intelligent automation.

We firmly believe that home and building automation significantly enriches our lives in terms of comfort, security, energy-efficiency and much more - making the world a better place. With Loxone we're able to share this unique comfort with the world. Hence our call to everyone: **Create Automation!**

In this magazine, you'll find beautiful case studies, a wealth of valuable tips, interesting stories, familiar faces and much more. We hope you will enjoy browsing and reading this issue as much as we did when we created it.

Martin Öller, Founder

Thomas Moser, Founder

# Create <sup>Nº2</sup> Automation <sub>2020</sub>

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### Impressum

Publisher & Media Owner:  
Loxone Electronics GmbH, Smart Home 1, 4154 Kollerschlag, Austria  
Responsible for content: Florian Wöss, CMO  
Place of publication: Kollerschlag, Austria  
Concept & editing: Loxone Marketing  
Editorial: Florian Schmitt  
Layout: Evrim Sahin, Jo Schmidthaler  
English Transcreation: Luke Murphy, Courtney Muraczewski, Tyron Cosway  
Printing: hs Druck GmbH, Hohenzell, Austria

### Image sources:

*Do what can't be done.* – Page 18: Visualisation "Das Levels", hof437.at,  
Page 32: Chewton Bespoke Homes  
Other sources: Loxone Archive, unsplash.com, istock.com  
Information correct as of January 2020

# Light. As diverse as life itself.

Perfect lighting will give you a healthy relationship between functionality and a feel-good atmosphere. Here, we'll show you a few considerations to have when planning your lighting. Get ready to light up your life in a whole new way.



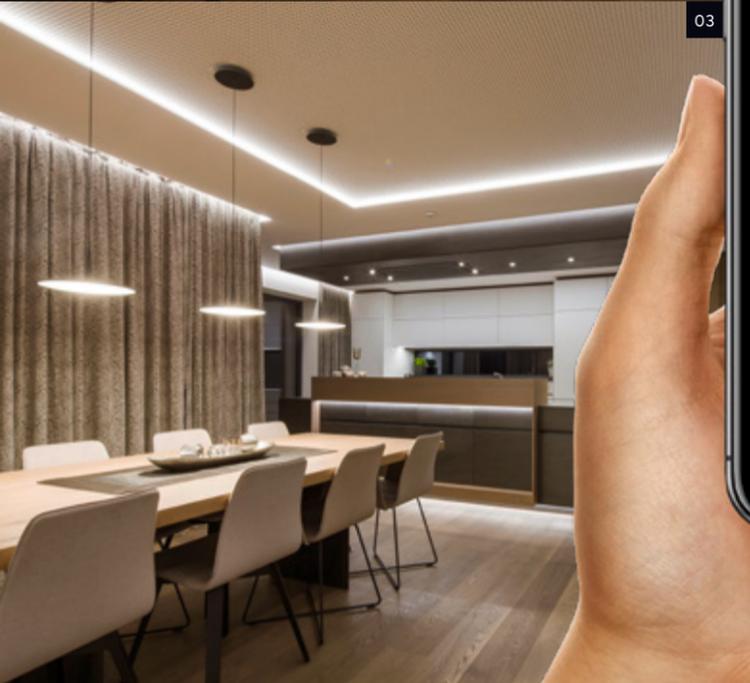
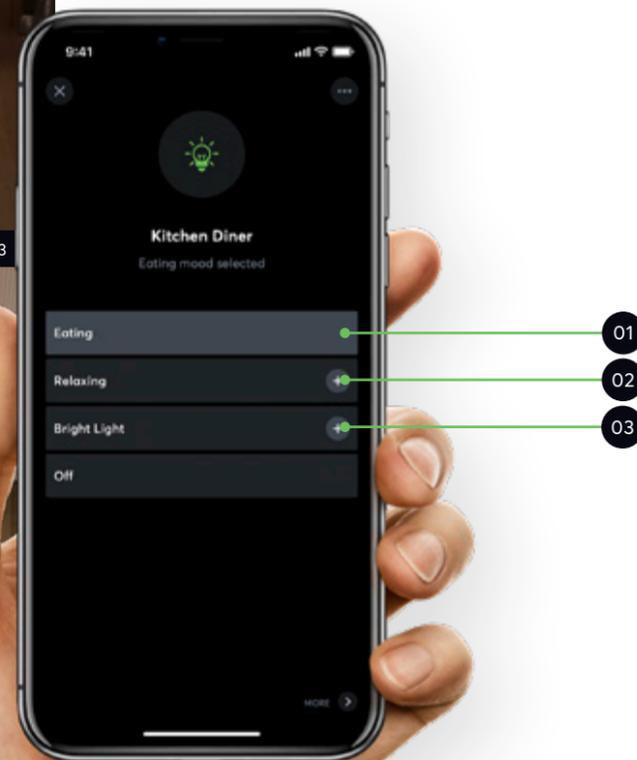


### Plan in good time

Whether at home, in the office, at a restaurant, etc., lighting does more than you think. It influences your attitude and the feel-good factor wherever you may be. By paying more attention to lighting design, perfect lighting ambience can be achieved. As long as you start planning early. It's best to plan for ceiling spots and indirect lighting during the shell construction phase. Consider the requirements for ambient, task and accent lighting in a room. Any changes later on could bring extra costs. Talk to your Loxone Partner early into the planning stage to coordinate a lighting design that meets your requirements and expectations.

### Next level lighting design

What makes sophisticated lighting? The ability to individually adapt to all of life's occasions. Changes such as colour and brightness can bring a different energy. For example, you may want a brighter lighting scene in the kitchen when you're preparing dinner in the evening, but a warmer, dimmed lighting mood when it's time to settle in for movie night.



LED Ceiling Light

### Pro tip: Getting the perfect lighting in offices.

Office work is hard on the eyes. Which is why the right lighting is particularly important. It has a substantial influence on our performance and motivation. Ensure basic lighting needs are met with a combination of direct and indirect light sources - allowing it to be adapted to your individual requirements.

### Choosing the right light source is crucial

#### Working and ambient lighting

For perfect working and basic lighting, we recommend area-wide lighting that can be varied in brightness. LED Spots are your best choice for this. These are distributed over the entire ceiling and spread light evenly throughout the room.

#### Background and task lighting

Using background lighting can indirectly fill the room with light. This type of light source is very soft and does not cast shadows, so it's good to keep this in mind. LED Strips are best suited for creating these atmospheric moods.

#### Accent lighting

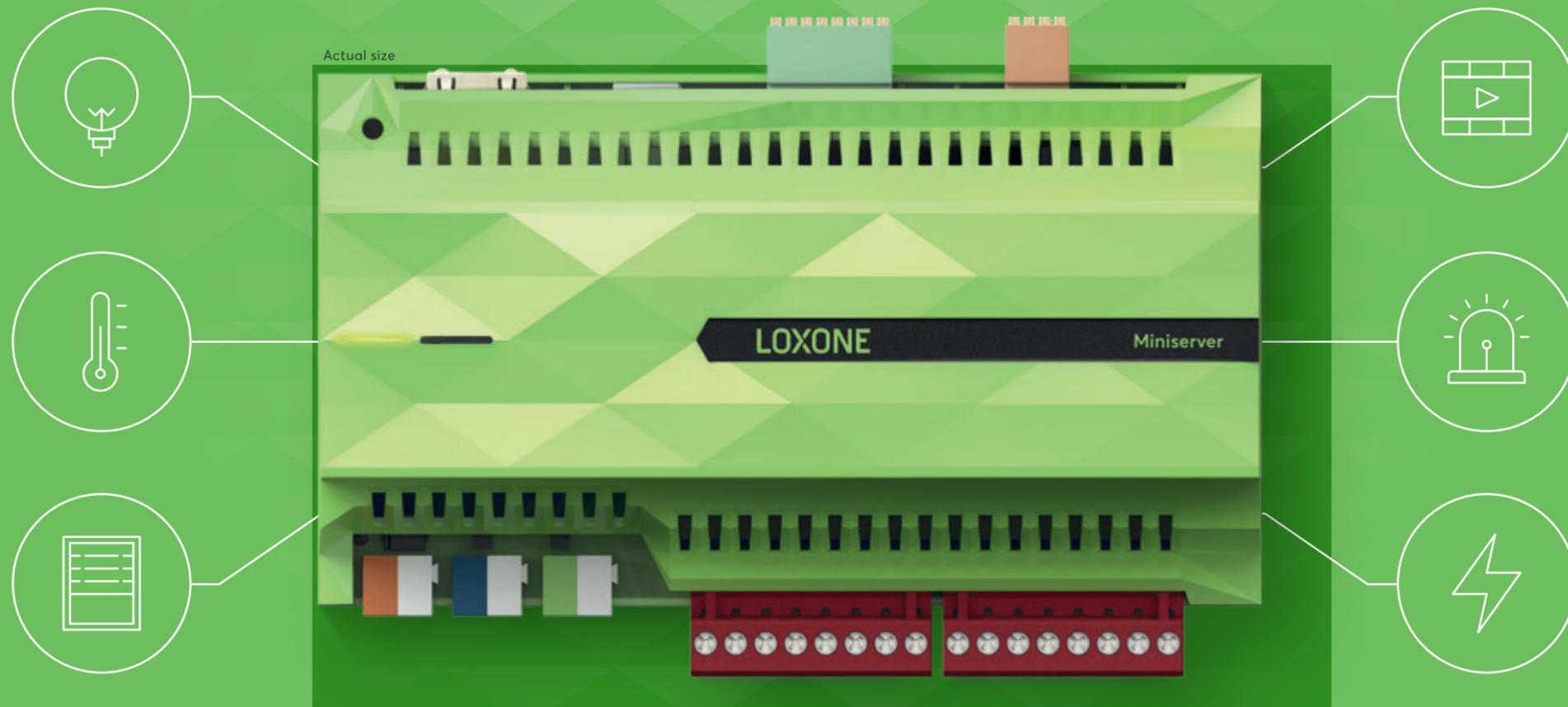
For special touches in the home, we recommend accent lighting using Pendulum Slims. Easily highlight parts of the home like tables or sitting areas. This creates so-called "islands of light" and directs the eye to certain furnishings. For a wow factor, you could consider a cluster of Pendulum Slims at varying height in a double-volume space. ■

LED Pendulum Slim



### LOXONE LED PENDULUM SLIM

- ▶ Timeless, elegant design
- ▶ Unique light architecture
- ▶ Flexible application possibilities
- ▶ Gentle, smooth dimming curve
- ▶ Commissioned in record time



## The Loxone Miniserver

# The ultimate tool for automating all kinds of projects

Loxone connects all components in an intelligent building, similar to the human nervous system. All strands run together to the central control, the Miniserver. This is where all the thinking takes place. It allows the individual components and devices to share information with each other. Then it takes care of the safety, comfort, and energy efficiency tasks by itself. Whether it's in a smart home, commercial premises or custom applications.

### Lighting for every mood

With lighting moods, you can create the right atmosphere at the right time. Combine different sources of light, with varying brightness levels and a full range of colours to suit any occasion. Create lighting moods that can completely transform any room.

Activate these moods with just a tap on a Touch switch or through the Loxone App.

### Temperature feels just right

With Loxone, you will always be at a comfortable temperature. In any room, at any time. Just as you like it. This could be a pleasant 21.5°C in the living room, or a cooler 18°C in the bedroom.

After a short learning curve, the Miniserver knows the exact temperature requirements of each room and provides intelligent heating and cooling management.

### Shading that thinks for you

More than just automatic blinds, shading can help reduce energy costs. For example, blinds and curtains open to let in the heat of the sun to passively bring the rooms to a comfortable temperature. In the summer, the shading knows when to close during the day to protect the home from overheating.

The shading knows the position of the sun and time of day - closing at dusk to provide privacy, for example.

### Versatile multiroom audio

Loxone ensures that music can be played clearly - in every setting. In a smart home, residents can be woken up with their favourite music. In an office, music can be played throughout to keep the workforce motivated. In a restaurant or hotel, it can help create the perfect atmosphere.

Your multiroom audio system can even act as an alarm siren, doorbell or speak to you thanks to Text-to-Speech.

### Protection for you and your family

Rely on round-the-clock protection. At night when you sleep, your home stays awake protecting the family.

If it detects any suspected intruders, your home will not only inform you in good time of the potential dangers but also try to scare them away. It does this using the lighting, multiroom audio and shading.

### Intelligent energy management

The Miniserver puts the brakes on energy costs. You can heat with the solar gains from the sun and automatically remove unused power guzzlers from the grid.

If you have an electric car with a charger, you can tie solar panels into your system. Helping you reduce the charging costs.

# ONE HUNDRED THOUSAND

If you head over to the small town of Espinelves in Catalonia you'll find the representation of a Loxone milestone – the 100,000th smart home automated with Loxone. With its natural weathered wooden facade and interior charm, it's a real eye-catcher too.





With the Loxone intercom, the Creixan family can see and speak with whoever is at their door via the Loxone app - from wherever they are in the world.

Thanks to the efficient construction method and material based on durable wood; excellent thermal and sound insulation is guaranteed. To aid in the reaching of a comfortable temperature, a pellet stove acts as the heat source for this home. This is intelligently controlled by the Loxone system with consideration of the outside temperature.

#### Optimum room climate

Zoned ventilation, which automatically deactivates in areas where a window is opened, help to ensure an optimum indoor climate. Additionally, the blinds work automatically to help with room climates – in winter they help flood the rooms with natural sunlight to heat them and in summer they mitigate solar gains.

#### Different operating modes

The owners of this home particularly enjoy 'Away Mode'. The last person to leave the house simply activates the mode and the home knows what to do – close the garage door, activate the alarm system, set the blinds into automatic mode, switch the heating to economy mode and turn off the

## FACTS

<b>Location</b>	Espinelves, Spain
<b>Built</b>	2019
<b>Floor area</b>	317 m <sup>2</sup>
<b>Land area</b>	1,900 m <sup>2</sup>

Meet the Creixan family. Their goal was to achieve the highest comfort possible for their new smart home. Family time is important to them, so these precious moments last even longer now while the home takes care of itself.



lights. Another great example of operating modes working to benefit the family comes at night as they go to sleep. When the last person goes to bed they activate 'Night Mode' – this turns off all unused lights, stops any playing music and arms the alarm system. Should one of them need to visit the bathroom in the night, their path will be gently lit.

#### A special audio experience

Included in this smart home automated with Loxone is the feature-rich multimedia experience with ceiling speakers integrated throughout.

As always, music will be automatically played when a member of the family enters a room – depending on the time of day and, of course, the type of room.

A home automated with Loxone offers endless functionality that is unthinkable in a conventional home. As can be seen in this 100,000th smart home to be realised with Loxone, 21st-century living can adapt to the lives of its owners without costing a fortune. ■



# Loxone in residential & commercial.

In addition to single-family homes, Loxone technology is also a perfect match for large-scale residential and commercial properties.

Learn how smart technology is becoming a standard in every type of construction project, explained by Loxone CEO Rüdiger Keinberger.



Rüdiger Keinberger, CEO



» Ten years ago we revolutionised the world of home automation with the Loxone Miniserver. Today it reliably takes care of all tasks concerning security, comfort and energy-efficiency in thousands of projects. Now it is time to improve everyday life in offices, hotels, restaurants and everywhere else.«

**Nowadays, where is it that Loxone is used to create automation?**

**Rüdiger:** Everywhere. The technology can be used in apartments, houses, hotels, offices, restaurants, warehouses and much more. We know of farms that have automated their cowshed with Loxone, various churches across Europe and even a football stadium in Hungary. There are no limits on where you can create intelligent buildings - at least not with Loxone.

**Why should a property owner rely on Loxone technology?**

**Rüdiger:** Let's take housing as an example. If Loxone technology is installed there as standard, this increases both the value and attractiveness of the property. In addition to the automation of lighting, shading, heating, access control and security, the technology impresses with its smooth installation process. Additionally, the management of the property is simplified and the building is more secure.

**Apartment blocks are not too dissimilar to conventional homes. But what about offices?**

**Rüdiger:** Every office can be automated, as each of our Loxone branches demonstrates. The environment people work in strongly impacts on the performance of employees. With Loxone technology, air quality is constantly monitored and refreshed. Lighting levels are automatically maintained to ensure staff are not hindered. Other areas such as access control, energy management and alarm systems are also taken care of.

**Is there anything else that helps Loxone stand out, especially in large projects?**

**Rüdiger:** In large scale construction projects it is crucial to work as efficiently as possible. With Loxone, the installer can do most of the programming and other preparation from their office. All

that remains to be done on-site, is to wire the devices up and put them into operation. With our Tree technology, you can save a lot of money on cabling as it can reduce the amount needed by up to 80%. All of this increases efficiency and has a positive effect on costs.

**How many properties are equipped with Loxone?**

**Rüdiger:** Loxone has been used in over 120,000 projects worldwide. MDUs and commercial properties are currently our largest growing market. In the past year, 700,000 apartments and similar multi-dwelling units were built in Germany alone. These are our next target.

**Left image:**  
The headquarters of leading baby mattress manufacturer "Träumeland" in Upper Austria. Loxone technology facilitates the daily work of over 100 employees here.

# Do what can't be done



## 01 | The Levels

The Levels contains 125 premium apartments split over the site's six brand new buildings. All of which contain Loxone technology as standard. However, should the owners want more they have the option to include even more functionality in their new homes.

## 02 | Träumeland

Träumeland which translates to dreamland is a leading manufacturer of baby mattresses. They rely on Loxone for the automation of their entire office & warehouse complex. Monitoring of energy consumption, payment for food and drinks for employees, access control are just a few of the things Loxone has helped achieve on this project.

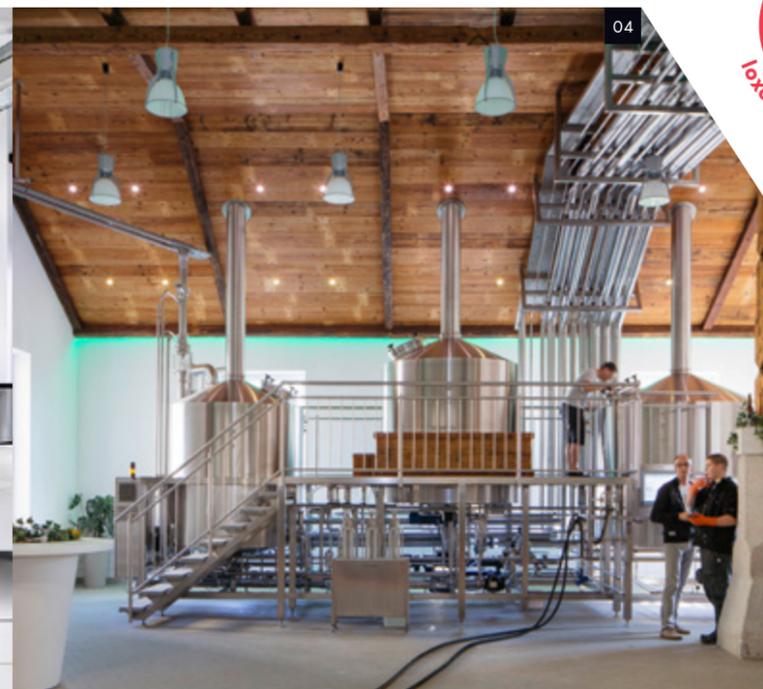
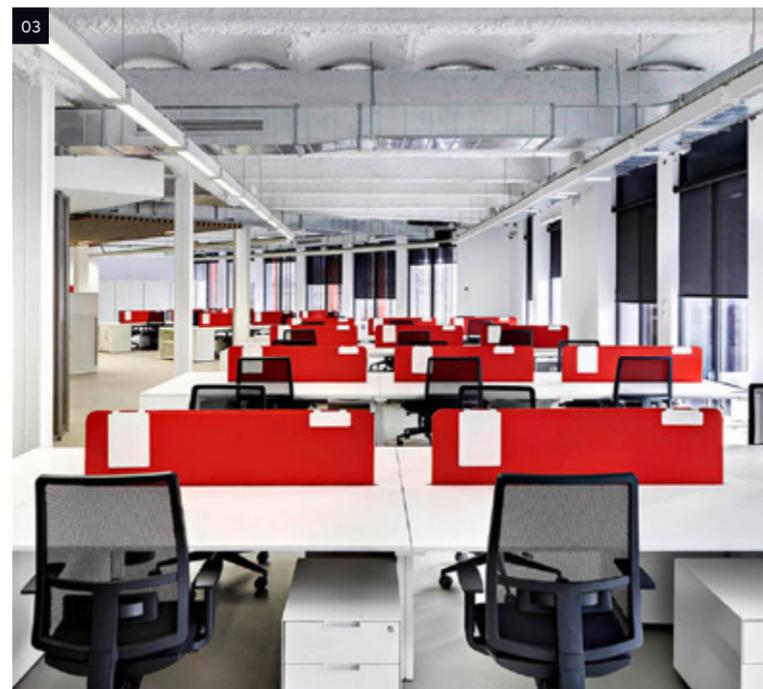
## 03 | Red Cross Headquarters

The team at Red Cross were initially looking for a way to monitor and regulate air quality throughout their Barcelona headquarters. However, in the end, Loxone was used to do far more than this. The water consumption is now intelligently monitored and can be automatically cut off if there is an incident. Staff members also have the ability to trigger personalised announcements throughout the building, which is extremely important during emergencies.



The headquarters of the Red Cross in Barcelona, the Matthias Church in Budapest, the lighthouses in Sydney, luxury apartments in Montenegro...

There are no limits on how Loxone can be used. Residential or commercial.



## 04 | Hofstetten Brewery

In Austria's oldest brewery, 7 Miniservers now take care of a range of important tasks - from lighting and temperature control to crucial health and safety features. Even the conveyor belt in the brewery is monitored through Loxone - with an automatic stop if the production line is full.

**Tip:** This is where the Loxone beer is brewed so ask to try some if you ever come to visit us.

## Hofstetten Brewery

# Tradition meets Innovation



» Usually we would need several systems to achieve what we have at the Hofstetten Brewery. Thanks to the flexibility of Loxone, we were able to solve all of the requirements with just one solution.«

ING Hans Joachim Gahleitner  
Loxone Silver Partner, Gahleitner GmbH & Co. KG

Beer has been brewed in the Hofstetten Brewery since 1449. This makes it the oldest private brewery in Austria. However, it's also one of the most modern because, as of 2015, this traditional brewery has been equipped with Loxone technology.

### Optimal temperatures equal optimal results

Temperature plays a crucial role in the production of beer. Therefore, the brewery's control must be as precise and reliable as possible - which is one of the reasons they've turned to Loxone. Thanks to our technology, the barley in the silos consistently sits at 10°C, while the beer in the tanks matures at 2.5°C.

### Security for all

If there are any sudden temperature changes the brewery master is informed immediately via the Loxone app. It's not only the brewery's ingredients that are protected with Loxone - its employees are too. The whole brewery is monitored by smart smoke detectors - even the room with the silo tanks where the dusty barley is stored. In the event of

### FACTS

<b>Location</b>	St. Martin in Mühlkreis, Austria
<b>Founded</b>	1449
<b>Miniservers</b>	7 (Gateway/Client)
<b>Types of beer</b>	23 (as of Nov. 2019)
<b>Partner</b>	Gahleitner GmbH & Co. KG

a fire, the brewery owner and the employees are notified immediately, where they will have the choice to activate the sprinkler system and/or call the fire brigade, saving both them and their business from potentially devastating damage.

### Perfectly set the scene

On 4 September 2016, the brewery officially opened its new brewhouse. Since then it has been equipped with beautiful colour-changing LEDs which provide great light for working but can also be changed to create an atmospheric effect for the guided tours they offer.

The LED lights alone ensure high levels of energy-efficiency. However, the real energy-saving comes through presence controlled lighting. Long gone are the nights and weekends where lights would be accidentally left on. ■



# Our DNA: Create Automation

It's not about the size of a space, it's what you make of it. This statement is especially true when using Loxone technology.

Whether it is a 2-bedroom apartment, a family-sized house, an open-plan office, a restaurant or a huge hotel complex - Loxone offers an ideal control and automation solution for every project.

#### **The goal: buildings that know what to do by themselves**

At a time when cars are parking themselves, we believe that a building should take care of the safety, comfort and energy-efficiency related tasks by itself.

Rather than spending hours dealing with technology, Loxone gives these valuable hours back to people.

#### **"Smart" does not equal intelligent**

Instead of thinking about new technological gimmicks, we focus on people and how we can improve their everyday lives.

Unfortunately, the topic of automation is often misunderstood. Many people associate it with a flood of technological fads. Loxone is taking a different approach here. Just because something is technically possible doesn't mean we should include it in our daily lives or, in fact, that it will improve our lives.

#### **The evolution of building automation**

If we take a look at the history of building automation, from the user's point of view, there are essentially three generations:

#### **1.0 || The era of buttons and switches:**

Here you still operate the building manually, mainly with many small buttons and switches - giving you limited control such as lights on and lights off.

#### **2.0 || Operation through app or voice:**

This is the phase where a lot of manufacturers, and users, find themselves today.

#### **3.0 || A building that knows what to do by itself:**

Taking care of thousands of everyday tasks that people have traditionally done manually. This has always been our mission - right from the start. ▶



#### **Automation 1.0**

The era of buttons and switches.



#### **Automation 2.0**

Operation through app or voice.



#### **Automation 3.0**

A building that knows what to do by itself.

### One complete solution instead of individual products

Loxone offers endless possibilities when it comes to integrating products and solutions. Whether that's adding solar panels to your systems, integrating custom lighting fixtures, or anything else you require - the level of open scalability with Loxone is incomparable.

The stability and reliability of our solution is fundamental to us. Which is why we decided to develop our own products for every field of application. This could be in the area of lighting with our own LED Spots or in the area of music with our Music Server and perfectly matched speakers. This enables us not only to guarantee a great overall experience but also the smooth interaction of all components for many years to come.

### Designed for life

Loxone products and software are designed to perform reliably for many years. At a time when one trend chases another, this is an unusual benefit. This philosophy is the foundation for each new software version as well as the selections we make in the materials and design of every product.

For example, our Miniserver, the "brain" of every Loxone system, has no moving parts and hence is designed to work 365 days a year.

### Simple standards and recommendations

Based on our experience of over 120,000 thousands Loxone systems, and, our experiences in our own everyday lives, we have created clear and simple standards and recommendations.

### No more button chaos

An idea, that was initially dismissed, is now making its way into thousands of projects every year. What was that idea? Tidy up the current chaos of switches and provide a uniform operating standard across all rooms. Simple but revolutionary.

This concept not only makes your life easier, but it also makes planning far more straightforward. In the past the question 'how many switches do you need here?' was greeted with a look of confusion. In most cases people overestimate and this results in banks of confusing switches. Great for the manufacturers, annoying for anyone trying to use them. We have put an end to this.

Loxone will handle things for you automatically however, should you ever want to manually intervene then one or two taps on a switch are usually enough. ►



Would you like to experience Loxone for yourself? Book a one-to-one consultation with one of the team or visit one of our certified Partner showrooms. Find more information at: [loxone.com/experience](https://loxone.com/experience)

### » Designed for life.

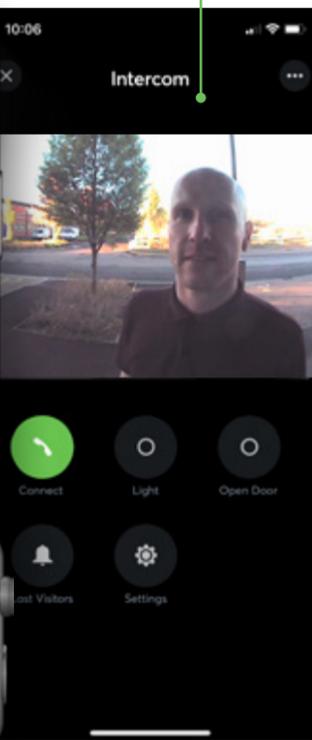
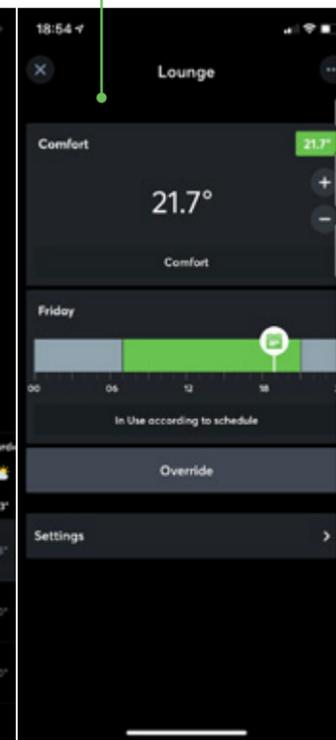
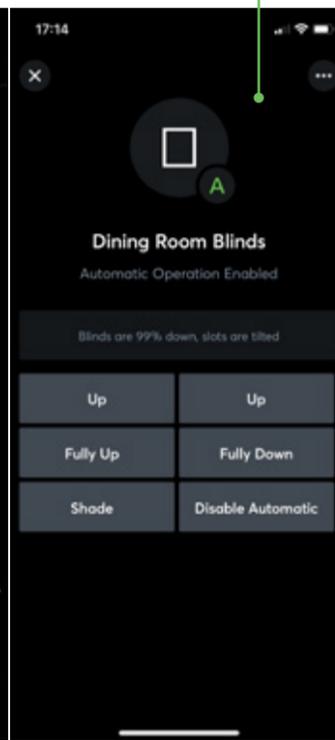
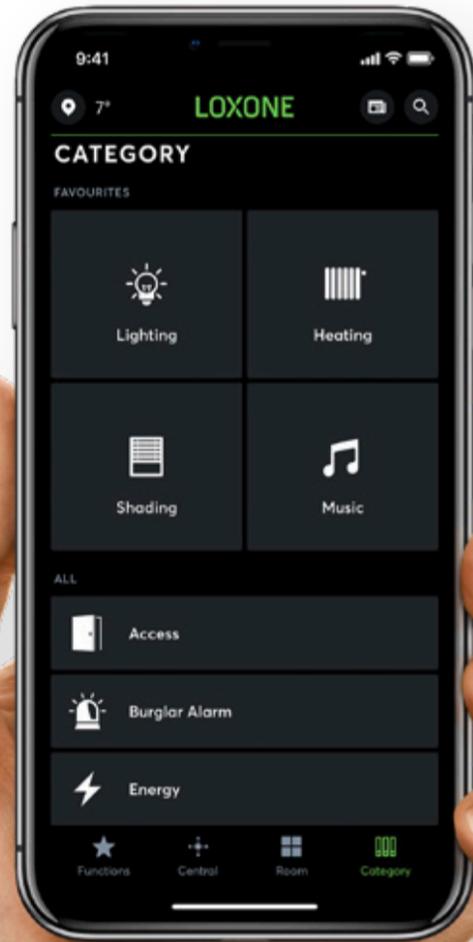
This philosophy is the foundation for each new software version as well as the selections we make in the materials and design of every product. «

Thomas Moser, Founder



# Powerful - but not necessary. The Loxone App

Loxone relieves you of daily tasks and thought processes by simply taking care of them for you. However, should you need to, you can always manually intervene. To help you do this we have designed the powerful Loxone App. Which is available at no extra cost.



**Music**  
Choose your favourite playlist or streaming services in any room.

**Weather**  
Connected with the Loxone Weather Station and Weather Service, you get precise weather data and forecasts for your exact location.

**Push Notification**  
Doorbell rang. Sauna's ready. Burglar alarm triggered. These notifications and more can be sent to you free of charge. You have control of what notifications you receive.

**Shading**  
With the Loxone App, you can adjust any blinds, awnings or curtains at any time.

**Temperature**  
Forget outdated thermostats. In the Loxone App you can set schedules for heating and cooling and set the temperature to what feels best for you in each room.

**Access control**  
You can see and speak to visitors at your door directly through the app. Missed a visitor? Don't worry, a photo will be stored in the app so you can see who rang.

# » We want to change the world.«

Martin Öller



It all began in their own four walls. With a desire to make living more comfortable and make a positive change in the world. Today, Loxone's Thomas Moser and Martin Öller are giving people back the one thing that is irreplaceable: **Time.**

## *For over 10 years now you have been creating automation with Loxone, how did it all begin?*

**Tom:** Officially, it all started 10 years ago. Unofficially, it began long before that. We had actually been working in a basement to find the solution that today makes thousands of people around the world happy.

**Martin:** I was building a house at the time. As an experienced technician, I thought I needed a system that was state-of-the-art. But I soon realised that it didn't really contribute to the quality of life. Despite the latest technology, I had a house that was still "stupid". We had to change this, and hence Loxone was born.

## *And your goal?*

**Tom:** We want to change the world (laughs). Sounds silly, but it was never about money. Economic success is merely the confirmation that we are doing the right thing. We are often compared to start-ups – wrongly so. Right from the start, we wanted more than just an idea, we wanted to make the real deal. Our goal is to improve the quality of life step-by-step and to do so sustainably.

## *You make business sound easy. Was it always like this?*

**Martin:** We are united by fundamental values, especially with regard to our dealings with customers and employees. But the beginning was still hard. I remember all too well the decommissioned village hall building where we had our first company headquarters. A crumbling facade, leaking windows and creaking floors. I'm pretty sure that many of the job applicants at the time would have preferred to turn back at that sight (laughs).

**Tom:** The funding phase put us to the test. Actually, the beginning was a continuous thunderstorm with danger of flooding. So, at the beginning, the bank refused us financing. However, we overcame that. And it is still a milestone for me today that we are still free of investors and external shareholders. We enjoy being free to decide what to do. In my opinion, this freedom is part of our recipe for success.

## *Along the way, have there been any moments you now look back on?*

**Tom:** Christmas 2009, when the light shone for the first time in my home, thanks to the "brain" of the system, our Miniserver.

**Martin:** And when, in June 2010, the first Loxone product was sold.

**Tom:** Wow, the beginning was really exciting.

**Martin:** And we were always accompanied by friends and family who were supporting us along the way.

**Tom:** It wasn't as if we were trying to do something alongside our studies, for example. Where it would not have mattered so much had it not worked out. We had already committed to the next chapter. When we started Loxone, it meant something to us - to be or not to be.

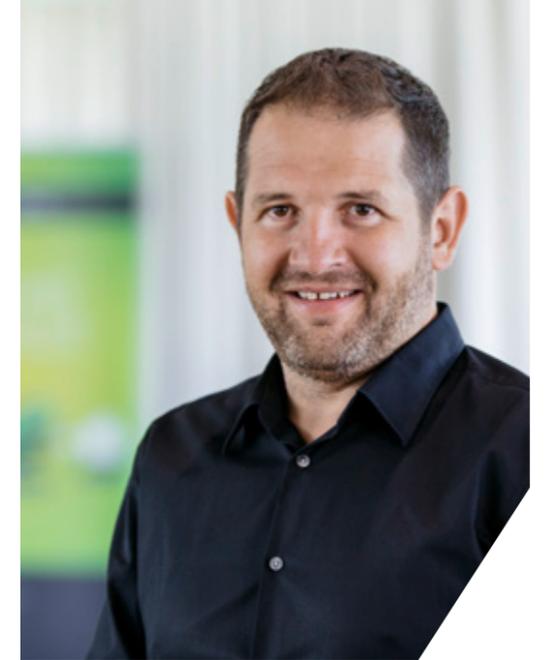
## *"To be", as it is now for you, must be challenging. How do you find the courage to make decisions?*

**Martin:** If we had made average decisions, we would have average products today. The biggest enemy is, and remains, mediocrity. There is this saying that has stuck with me, it's 'that you should be grateful for what you have achieved, but that satisfaction is a danger'. Only when you make unconventional decisions do you get really promising results.

## *Do your employees share this passion?*

**Tom:** Enthusiasm is certainly part of our philosophy. We pay attention to this during job interviews. Otherwise, it would be like a butcher putting a vegetarian behind the counter.

Thomas Moser



## *What do you think of the current state of the automation market?*

**Martin:** The topic is still too focused on the technology. In our opinion, it's not about gadgetry, it's about convenience. Do we really need a camera in the fridge?! This is exactly where our products differ.

**Tom:** It is all about the satisfaction of automation taking mundane tasks off your hands. We provide solutions that simply improve lives at home, in the office, in hotels and anywhere else - no more, no less.

## *How has Loxone improved your life at home?*

**Martin:** An essential benefit: you simply don't have to deal with much anymore. Everything functions automatically.

**Tom:** And the most striking thing is how little it attracts unwanted attention. No technical bells and whistles in the foreground, no countless remotes and switches – only the essentials.

## *What do you want for the future?*

**Martin:** For our idea of a building that knows what to do on its own to spread over the entire globe. Ultimately, it should make millions of people around the world happy because it takes a lot off their hands in their everyday lives.

**Tom:** We are always asked, where the journey of Loxone could still go now. I can only say that we're on a long journey and whenever the world thinks we can't go any further, then we really get going! ■

# A complete, intelligent system

The dream of an all-in-one intelligent building automation and control system finds reality in the form of Loxone. You get everything from one source, with the certainty that all components unite to form a complete ecosystem. The Miniserver is the "brain" of the system - enabling individual components to communicate with each other and react accordingly.



**2. Safety & Security**  
When it comes to safety & security; you can use existing devices such as motion sensors or door and window contacts. Alternatively, you can use our own range of reliable products.



**3. Access Control**  
Unlock the door or open the garage using a unique pin code, an encrypted NFC keyfob or an iButton. If you're not nearby you could simply let the delivery driver in via the Loxone app.



**4. Pool**  
Yes, you can even integrate your swimming pool into a Loxone system, with the intelligent automation of the backwash, rinse and filter cycles.

**5. Ventilation**  
The automatic control of the ventilation depending, for example, on presence, humidity or temperature; ensuring fresh air around the clock.



**6. Temperature & Climate Control**  
Loxone can be connected to almost any heat source to control the heating of different rooms to achieve and maintain target temperatures at the right times.



**7. Energy**  
Harness warmth and energy from the sun. Let Loxone monitor energy production and consumption to make the most of a solar PV install, and identify and suspend energy guzzlers.



**8. Multimedia**  
This is automation and integrated control of different audio in different rooms. It's multiroom audio. Working alongside TVs and surround sound systems for a richer experience.



**9. Shading**  
Intelligently automated to work with the heating and cooling requirements of a building, while opening for transparency in the event of an alarm and closing when privacy is required.

# The Ridings



The Ridings is a new homes development situated on the Western edge of Reading consisting of 3, 4 and 5-bed properties. The development boasts 35 beautiful properties in total, with seven bespoke house types to choose from meaning The Ridings offers something for everyone, from first time buyers to families looking to upscale.

The homes have been designed to provide spacious open-plan living areas for modern lifestyles and have been built to the highest of quality standards, with features such as carpets, flooring and built-in appliances included at no extra cost to the buyer.

To help the developer, Darcliffe Homes, portray their luxury properties, they decided to build a showhome – letting potential buyers see what life could be like in their brand new home. In their showhome, there was an additional brief of home automation. As, although this was not standard throughout the development, it was an optional upgrade offered to all new homeowners. Darcliffe Homes recognised the importance of being able to demonstrate the endless benefits of automation and hence made sure that their showhome was fully kitted out.

By doing this, they allowed people to see and experience everything that would be on offer to them. Then the customers could decide which aspects they wanted to include in their own home.



Loxone Partner Smartworks and Darcliffe Homes managed to include smart lighting throughout the property whilst staying true to the design of the home. The lounge, kitchen/diner, master bedroom and main bathroom all have colour changing lighting whilst the rest of the house is fitted with dimmable lighting. Every room is fitted with a ▶



Touch Pure, allowing simple and intuitive operation of the lights. Smart Sockets have also been used to connect lamps into the Loxone ecosystem.

The home's heating schedule is fully automated with Loxone, meaning that it never has to be touched. Rooms will simply be at the desired temperatures at the correct times. A modern home is multipurpose and hence a one-size-fits-all house temperature is outdated – that's why this home has individual room control. This means a pleasantly cool 18°C in the bedroom, a comfortably warm 23°C in the bathroom and a cosy 21.5°C in the living room are all possible at once.

The inherent security features of Loxone are included in this property. The homeowners would be alerted at the first sign of something being amiss. The beauty of the Loxone Air product range is that additional Motion Sensors, wireless Door & Window Contacts and Water Sensors can be added to the system for extra peace of mind.

A Loxone Smart Home works around you without the need for continual adjustments. However, should someone want to change something Smartworks have installed an iPad with a sleek wallmount – giving homeowners a convenient centralised point of control. ■

## FACTS

<b>Location</b>	Tilehurst, Reading
<b>Started</b>	March 2018
<b>Completed</b>	January 2020
<b>Homes</b>	35
<b>Partner</b>	Smartworks

# Cloudfree: all in the name of privacy.



### Your data, safely stored

If you install Loxone in a residential or commercial building, data stays where it belongs - locally, on the Miniserver. It is the central device, the brain so to speak, where data is stored and processed to enable intelligent automation and control. In contrast to other home and building automation systems, your data is never analysed or collected in the cloud. Sensitive data, such as the number of occupants in a building, when motion is detected, the status of a burglar alarm, etc. stays yours and is never released to the outside world.

### No need for an internet connection

A Loxone installation can do its job without the internet. While some functions such as remote access, the caller and mailer services, weather data and push notifications require an internet connection; without one you can still enjoy all the other significant benefits in terms of comfort, security and energy efficiency.

Everyone has the right to privacy and the protection of their personal data. This is something we, at Loxone, consider and protect in 100% of what we do.

**When it comes to the data of Loxone users, we follow a very strict principle: Your building, your data.**



# A house that protects itself.

Crime statistics show that a burglary occurs almost every minute across England and Wales. Being burgled isn't a momentary event that only affects our home and belongings; it can have a lasting impact on our lives. The level of security in your home can be a genuine deterrent or prevention of being burgled.

## What does smart safety & security from Loxone look like?

### On guard. Ready to protect.

A building with smart security automated with Loxone is always on the lookout. It's a case of always being prepared but hoping it never needs to spring into action.

Imagine this: you and your family are on a much deserved holiday. Your home may be empty but it certainly doesn't appear that way to any on-lookers.

Sophisticated home automation means your home doesn't give any clues to potential burglars that you're not at home. While you're away, your home mimics your presence - turning the lights on and off and opening and closing blinds just as it would if you were at home. By realistically recreating these actions, it's very unlikely that a potential burglar would think that no one is at home. For opportunistic burglars, this presence simulation feature quickly reduces the chance that your home will be a target.

### In the spotlight

If a burglar does try their luck, your home will immediately spring into action - with the likes of conspicuous flashing lights and an overwhelming alarm tone - all in a bid to send them running for the hills.

### You can't hide from me

There are many ways a burglar could potentially find their way into your home. Whether it's through a window or an unlocked patio door, using a combination of sensors including motion sensors and glass break sensors, your home will know when something is amiss and start reacting immediately.

### Loxone 1:0 Burglar

If your home detects an intruder, a three-phase alarm is triggered to alert you, and any passersby, as soon as possible. This gives the burglar as little time as possible to make off with any of your belongings. ▶

# Security in 4D

Loxone offers a multifaceted smart security system which is always looking out for you. It is constantly monitoring for water leaks, fires, burglars and much more.

## Protection from break-ins

Loxone protects you from unwanted guests. It reliably detects intruders and reacts with highly conspicuous flashing lights and a loud siren sound to deter even the most determined of burglars.

## Protecting the occupants

Our security system will protect you from other potential dangers, such as fires or water leaks. If one occurs, you'll be immediately informed - a notification will instantly be sent to your phone however, you'll also be made aware by your lights beginning to flash.

## Protecting the building

Loxone works to help alleviate the effects of nasty surprises. Burst water pipe? Left the door unlocked? Not to worry, you'll be immediately notified so that you can take steps to quickly rectify the problem.

## Privacy Protection

All personal user data is protected by various firewalls and security mechanisms on the Loxone Miniserver. A Loxone system will even work without an internet connection. We take data privacy very seriously and protect our customers' right to data privacy to the very best of our ability. ■

## 1. Silent alarm

As part of phase one, you will immediately receive a notification via the app on your smartphone. If a false alarm is registered, your home will automatically take care of this for you.

## 3. Visual alarm

Phase three sees your smart home opening blinds and curtains to draw attention to the intruder. The Loxone Smart Home is now "transparent". Coupled with conspicuous flashing lights throughout the house, your neighbours and passersby are more likely to see that something is amiss.

## 2. Audible alarm

In the second phase you will receive a call on your mobile phone and your Loxone Music Server will turn the multiroom audio up to full volume. It can play a sound of your choice, from a shrill alarm tone to heavy metal. Either way, it attracts attention and makes a burglar more likely to leave in a hurry.



# Ferndown

## Intelligence meets beauty

Located in Ferndown, East Dorset, this absolutely exquisite home has been rebuilt from the ground up. The grandeur of the home is immediately apparent as you turn off the road into the gravelled drive. Walk into the double volume entrance hall and you'll be welcomed by an interior that has been beautifully decorated. It was important both for the architect and the homeowner that the interior was not overshadowed by the smart home technology, and rightly so.



### Smart lighting

Throughout the home, lights turn on and off automatically, meaning the family doesn't need to worry if they leave a light on. When they get home from work or school, the lights start to come on automatically based on the time of day and the light level in the room. If the room has enough natural sunlight then the lights don't even need to come on at all. This is great for parts of the home where natural light can flood in on a sunny day. Of course, after dusk or if it is an overcast day, then the lights will turn on with motion to ensure the room is adequately lit.

### Zoned heating

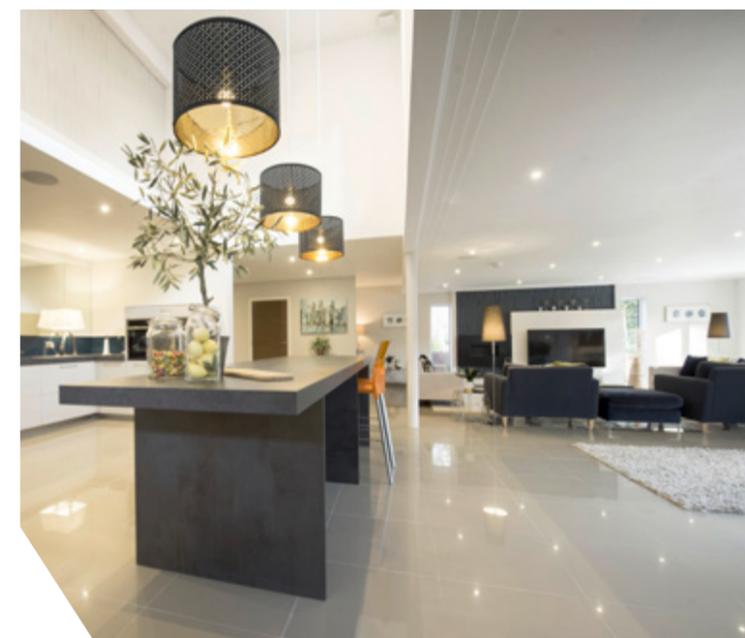
The heating system is zoned, which means energy is not wasted heating all the rooms at the same time. If the family is enjoying a movie in the upstairs lounge before going to bed, then it makes no sense heating the larger reception area downstairs at the same time. Of course, the intelligent separation of heating zones is all controlled by Loxone – automatically. The heating for each room runs to its own schedule and custom temperature. The temperature in each room is read by the Touch switches, which means there's no need for separate temperature sensors – another great way that the technology doesn't distract from the interior.

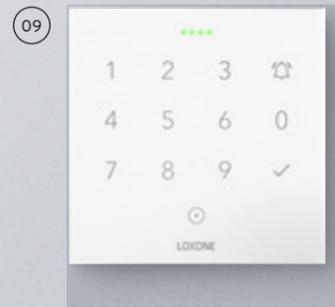
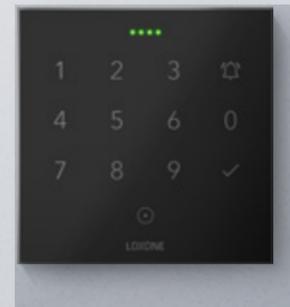
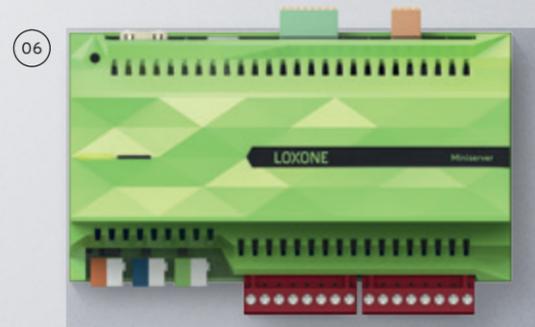
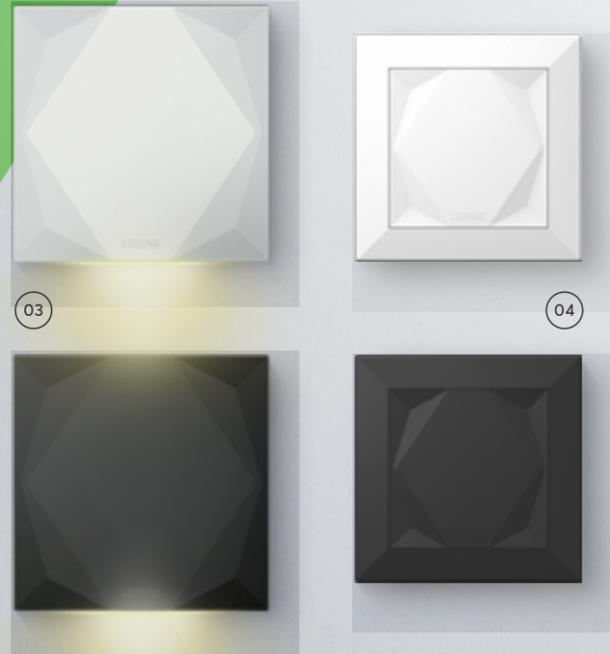
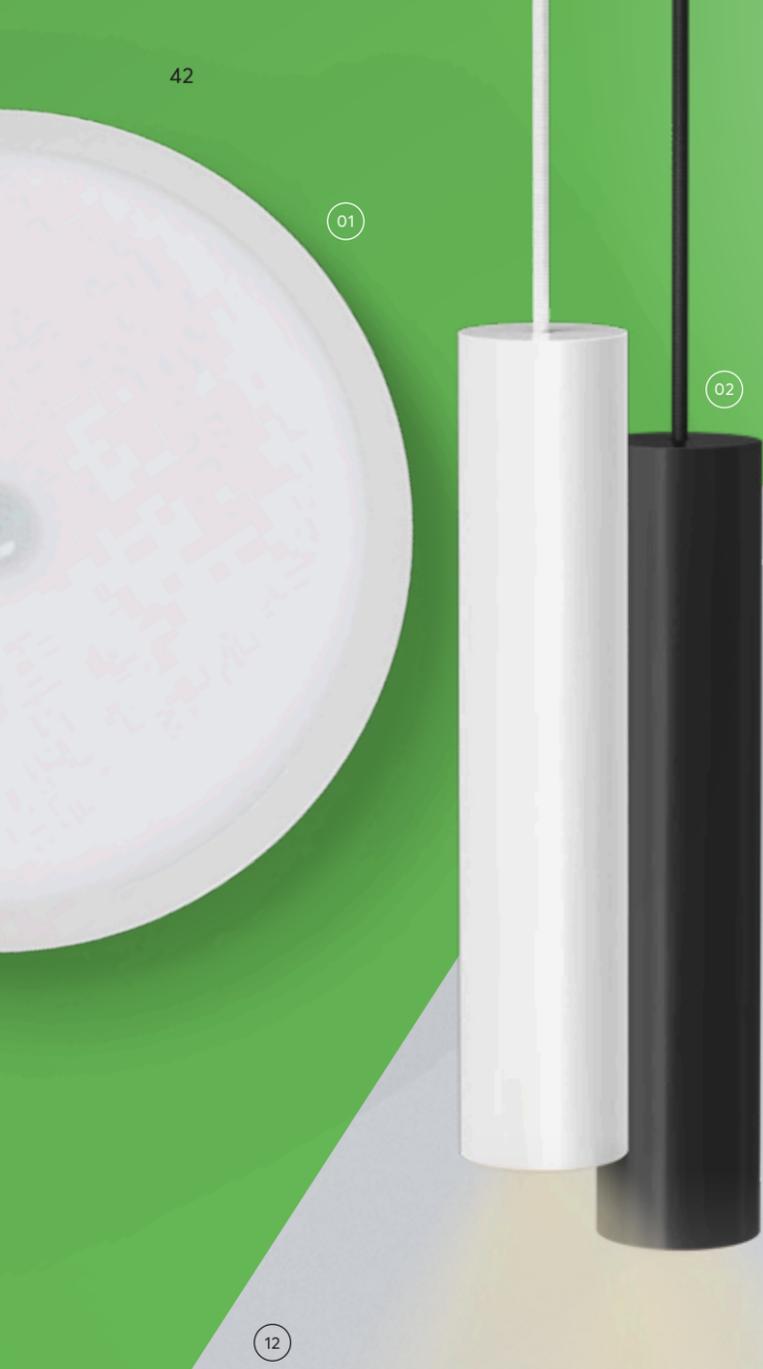
### Switches & Sensors

Darren (the architect) and Ben were both keen to make sure that the design of the home wasn't compromised by any intelligent technology going in, and it wasn't. Switches & sensors were placed in strategic areas to allow seamless control over the system but also to have no negative impact on the home's design. For this, the multifaceted Loxone Touch was the perfect fit. ■

» I love being a Loxone partner and installing their products. It keeps me at the forefront of the industry and I'm always busy with new and exciting projects. As for the quality of the Loxone devices, I cannot fault it as the craftsmanship and technology underneath is second to none.«

Ben Tozer, Amica - Loxone Gold Partners





- 01 **LED Ceiling Light RGBW:** The 'all-in-one' ceiling light with an integrated motion sensor.
- 02 **LED Pendulum Slim:** Adds beautiful accent lighting to any room.
- 03 **Touch Pure:** Timeless design with intuitive control.
- 04 **Touch:** A new generation of touch switch.
- 05 **Key Fob:** Encrypted fob for convenient access.
- 06 **Miniserver:** The heart of any Loxone system.
- 07 **Miniserver Go:** The intelligent solution for renovators and refurbishers.
- 08 **Remote Air:** The wireless remote for control of any function.
- 09 **NFC Code Touch:** The perfect access control solution.
- 10 **Music Server:** A multiroom audio system that gives you far more than just music.
- 11 **Touch Surface:** Transform any surface into one unique control element.
- 12 **Wall Speaker:** High-quality in performance and design.
- 13 **Touch Nightlight Air:** An alarm clock, night light, ambient light source and intuitive switch all-in-one.
- 14 **Touch & Grill Air:** The first BBQ thermometer to integrate with smart homes.

# Products to improve lives.

We design our products with passion and attention to detail. For us, it is equally important that our products are: made from high-quality components, convenient for our Partners to install and user-friendly for anyone who interacts with them.



# Beneath the surface

A few years ago when we were having a pool installed, a question arose: How could we control the counter current for the pool when we're actually in the pool itself (much like you can when you're in a hot tub)? A step further; how about a switch that was part of the smart home system and could be activated with just a single touch? This thought was where the idea for the Touch Surface was born...

## A symbolic start

One of the founders of Loxone, Thomas, made a spontaneous recommendation one day: "Why don't we integrate controls into the surrounding concrete of the pool? So that with just a simple touch you can switch the counter current on or off."

"That sounds good, let's do it. I'll think of a few creative symbols and mill the stone," was the equally spontaneous answer from Martin, the other Loxone founder. A prototype project was started, components ordered, wiring in place, and the experiment had begun. The result was a practicable and simple solution. Using a technology that is found in every smartphone today, resulted in a "wow" from guests the moment they saw it in action.

## Years later: We turned to the kitchen

Having proven itself, Thomas and Martin turned to the pool-side switch (known as the "Pool Stone") a few years later when a similar question arose during the planning of the first Loxone Showhome in Kollerschlag. "Can we somehow integrate something into the kitchen worktop so that we don't always have to reach for a switch on the wall when our hands are messy from preparing food?"

The pair tinkered around with the idea, made a few sketches and turned to the initial planning of the 'Pool Stone'. The concept was there, it only needed to be refined to suit the familiar control of a Loxone Smart Home. More ideas soon followed; "we could integrate LEDs to indicate the

Do you have a unique project that uses the Touch Surface?  
Send us a photo and short description:  
office@loxone.com





status", and some challenges were tackled, like "we need to find a way to prevent accidental activation, such as when someone puts a pot on it."

**Time to create the prototype**

Martin phoned a friend of his at Strasser, specialists in stone kitchen worktops. "Hannes, we have an idea. We need some samples with different milling designs." In no time at all, stone samples were stacking up with our research and development team. Next step, soldering and experimenting - with the 3D printer turning out the first housing of the components.

"After 14 days, we had the first usable sample in our hands. We were thrilled with how it worked, and were sure that our customers would be too. And, of course, it had to be installed in our own kitchens as soon as possible."

The "Touch Surface" project was firmly underway with the code name "Excalibur"; which would see the early version of the "Pool Stone" being further improved.

**What goes in the kitchen goes everywhere**

With the realisation of the idea of being able to integrate control directly into a surface, new ideas quickly started to emerge of where else could this solution be used. "On the patio table! I inevitably need to control something when we're sat at the patio table. My children weren't in favour of the complicated remote control we had up to this point."

"How about on the coffee table to have control of the lighting and volume always at hand?"

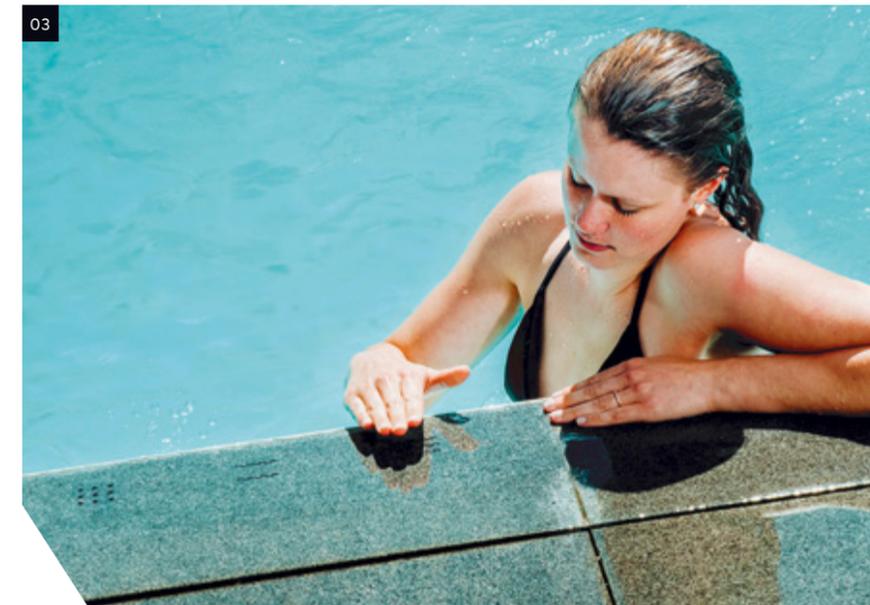
When the first prototypes were handed to Loxone employees – also called Loxonauts – for testing, their creativity and imagination were fuelled even further. A colleague who really enjoys listening to music in the morning, decided to install one of these switches behind the tiles in the shower.

"Yes! Finally, I can turn the volume up when one of my favourite songs comes on whilst I'm showering."

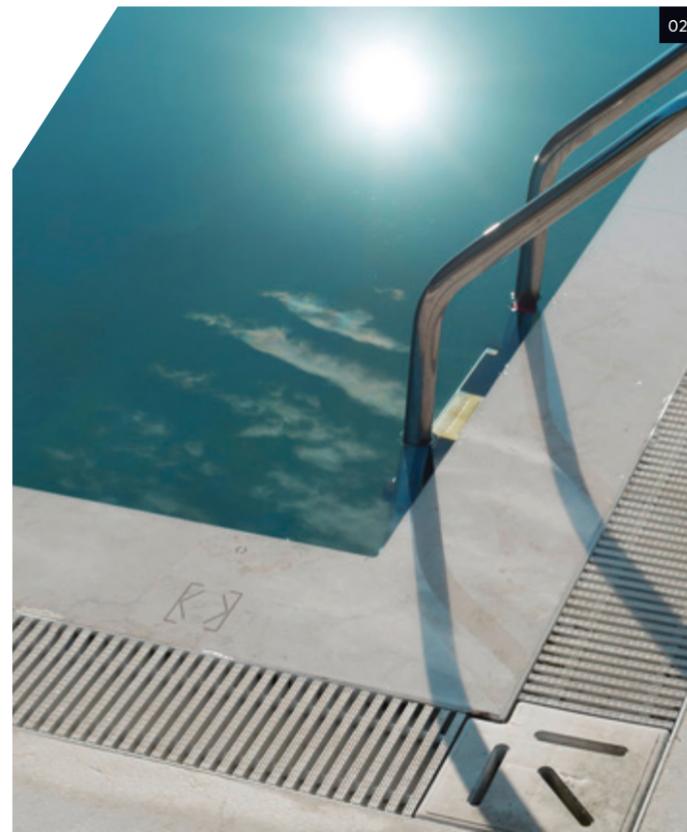
**Over to you. What would you transform?**

What started years ago as a pool-side project has resulted in an award-winning product available to everyone in the form of the Touch Surface. Today, anyone can turn (almost) any surface into an intuitive point of control for their smart home. Whether you need a wired or wireless version, from a solid kitchen worktop to smaller pieces of furniture or fixtures. Let your imagination run wild and work with your trusted Loxone Partner to realise your creative ideas. ■

**Feeling inspired? You can find more ideas and videos about the Touch Surface on our website at [loxone.com](http://loxone.com)**



- 01** At home in the kitchen; practical to use when preparing food with messy or wet hands.
- 02** Equally useful in its current form beside a pool in sunny Spain.
- 03** The original prototype, the "Pool Stone", is still in use today.



**TOUCH SURFACE IN FOCUS**

- ▶ Implement an intuitive control concept on almost any piece of furniture or surface.
- ▶ For a user-friendly way to control lighting, blinds, multiroom audio, ...
- ▶ Five capacitive control touch points and one activation touch point.
- ▶ Freely assignable LED status lights.
- ▶ Integrate with stone, wood, ceramic or glass.



# Mr Runtastic

Florian Gschwandtner and three colleagues founded the world-famous company Runtastic in 2009.

Today, Runtastic is one of the most successful fitness apps in the world with over 140 million registered users.



Following the sale of his company to Adidas, Florian Gschwandtner stepped down from his position as CEO of Runtastic at the end of 2018. As the former CEO of a million-dollar company, Florian has had limited time for family, friends and leisure.

Since leaving the company he has been investing in up-and-coming start-up companies and spending far more time with his loved ones.

#### From a student apartment to his own home

Until recently Florian lived in the student apartment where Runtastic was born. Now, with more time on his hands, he has finally moved into a new home.

At the beginning of 2019, planning began for his new apartment in the heart of Linz. For Florian, efficiency and effectiveness are of paramount importance – he does not only expect these qualities of himself but also from his home. To achieve this it quickly became clear that the option was to make his home a Loxone Smart Home. Thanks to the extensive level of control from the Loxone Miniserver, Florian's new home works just as effectively as the entrepreneur always wanted. ■



#### FLORIAN IN THE SPOTLIGHT

- 2013 Onliner of the Year

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- 2015 Man of the Year (Austria)

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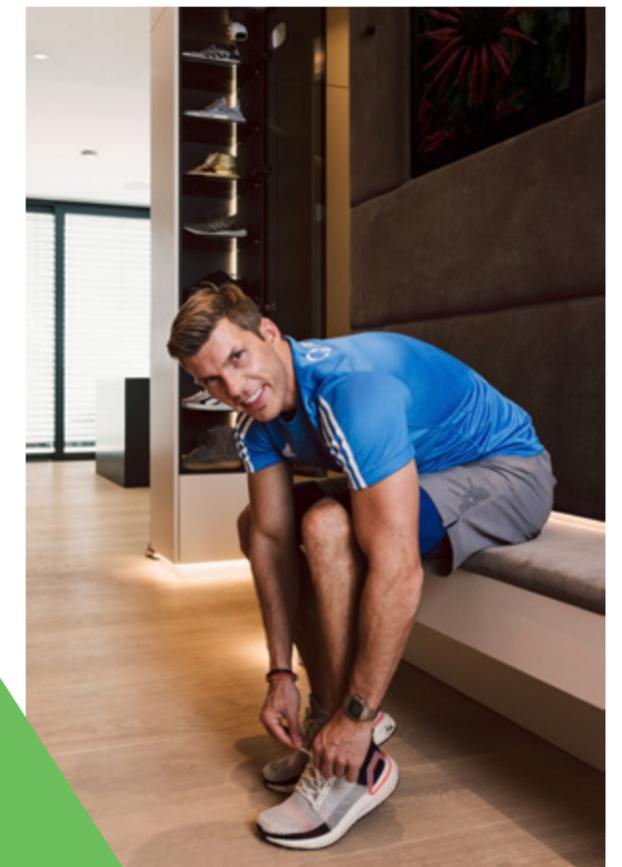
- 2015 Winner of the Media Future Prize

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- 2017 Named 75th most influential Austrian

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- 2017 Upper Austria Service Award



# Goodnight & Good morning

The bedroom is our place of comfort. Where we recharge for the next day. A Loxone Smart Home supports you with the perfect temperature and pleasant night light. Begin your day on the right note and full of energy.



## Goodnight function

At bedtime, just a triple-click on the Touch switch next to the bed will let your home know it's time to shut down for a restful sleep.

This means all lights and music deactivate throughout the entire house. At the same time, your home turns off all TVs and more to avoid using unnecessary standby power. In addition, your home ensures the temperature and lighting in the bedroom are conducive for sleeping.

Plus, you're kept safe. Your home locks all entrance doors and lowers all shading. It makes sure the garage doors are closed. And if any windows and doors are still open, your home will notify you.

Then, the burglar alarm system activates itself to ensure safe, restful sleep. Motion sensors, which normally automate the lights, now serve to detect intruders and raise the alarm.

## Subtle night light

If you should get up at night, your home will light up the way with soft, dimmed lighting – there and back.

## Pleasant temperatures

Living room: 22°C  
Hallway: 20°C  
Bedroom: 17°C

These are suggested temperatures, for a conducive level of comfort in different rooms. In a Loxone Smart Home, each room is at the desired feel-good temperature at the right times. Even at night. This is because the temperature can vary; in the bedroom it can be lowered once you get into bed for a more comfortable sleep.

## A refreshing way to wake up

Let the first rays of the morning sun gently wake you up by automatically slanting your blinds in the bedroom. Instead of the annoying old school beeping alarm tone, your favourite radio station or personal get-up-and-go playlist fades in. Even if you are not a morning person, this is a great way to start the day.

## Loxone Touch Nightlight Air

In a Loxone Smart Home, you can be woken up in a way that suits you; with your favourite music or with the Touch Nightlight Air. All it takes is a stylish element on the bedside

table. For example, let dimmed light and birds gently twittering awaken you. As the name suggests, the Nightlight Air also provides soft night lighting. The intuitive concept of the Loxone Touch – with just five touch points for operating lighting, shading and music – also finds its way into our new product.

The timeless design with its glass surface gently blends into your room. Set the wake-up time to one that is convenient for you with just a tap on the glass surface of the Nightlight Air.

The Loxone Air technology allows the Nightlight Air to be positioned anywhere in the bedroom. ■



## TOUCH NIGHTLIGHT AIR IN FOCUS

- › Integrated colour light
- › Digital display of clock and alarm time
- › Integrated Loxone Switch Standard
- › High-quality glass surface
- › Speaker for alarm clock
- › Freely positionable, thanks to Air technology



# Wired or wireless.

Loxone offers an all-round automation solution and supports numerous technologies with the aim of providing you with unique and unparalleled functionality and comfort. A future-proof building that is capable of delivering this requires reliable technologies. Allow us to introduce the two most important options to you...



TREE



Up to 80% less cabling than other automation solutions



Commissioned in record time



Specifically designed for building automation



Updatable



Fully-encrypted communication



Minimum energy consumption



AIR

## For a convenient and feasible installation.

With the development of Tree technology, we pursued a clear goal: to reduce the cabling and installation time of a project. Coupled with the know-how of Loxone Partners, the integration of Loxone Tree devices - from LED spots to motion sensors and Touch switches - can be achieved with an unparalleled ease-of-install!

"Thanks to Loxone Tree technology, I can plan building & home automation projects more precisely for my customers. This naturally saves both time and money. It's also great that Tree is an ecosystem so every device is like a puzzle piece that perfectly fits together for maximum efficiency and functionality."



**Norman Jöris**  
CEO – smotions  
Loxone Flagship Partner

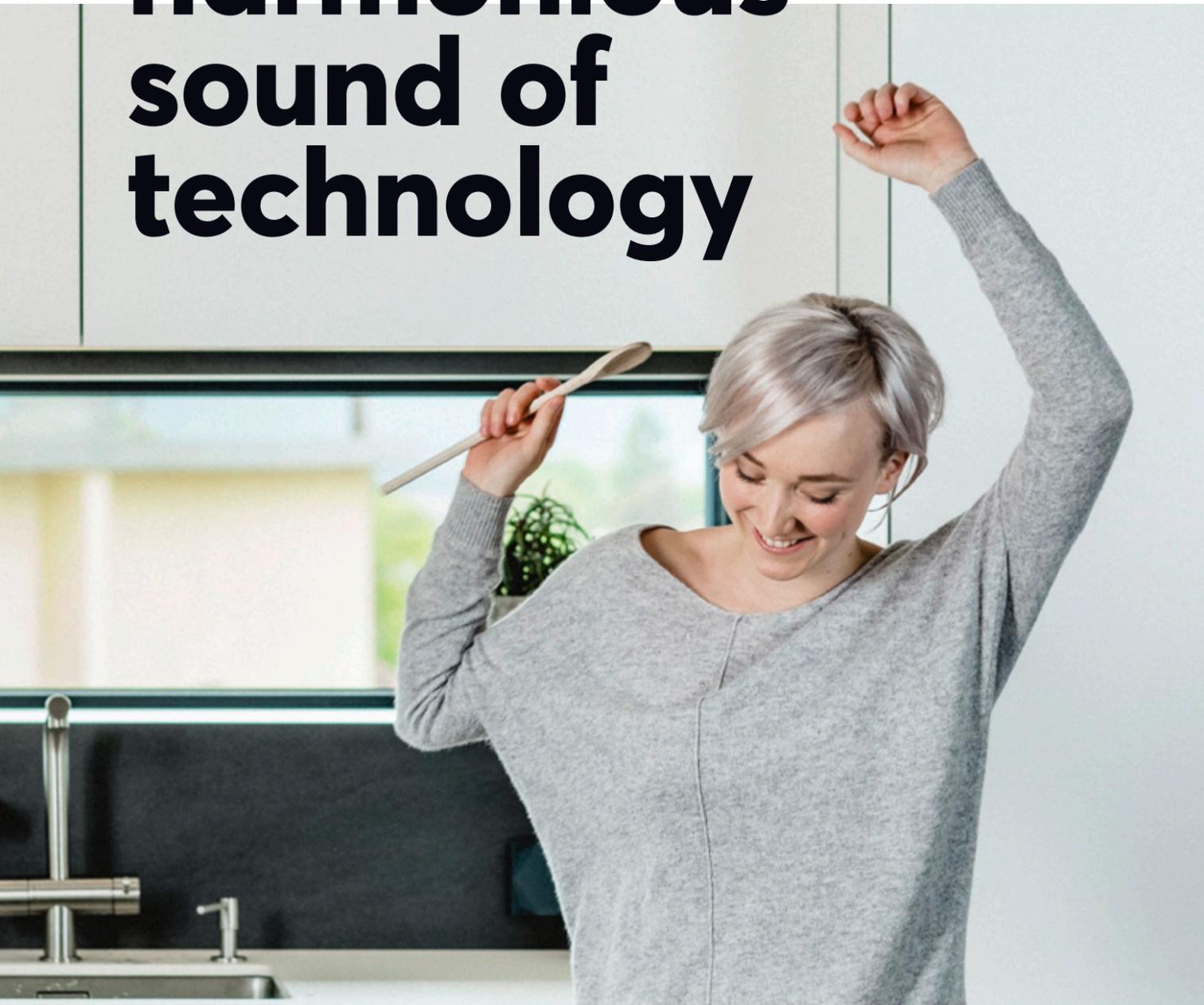


**Sarah S.**  
Loxone user,  
28 years old

## Perfect for a renovation or retrofitting.

Loxone Air technology is a benchmark of innovation, especially for those looking to incorporate home automation in a renovation or refurbishment. If your install doesn't present an opportunity to pull cables, or you'd just prefer not to, then Air technology is your best choice. "After moving into our smart home, we realised we forgot some details during the planning phase. In our garage, for example, the lights didn't turn on automatically. We contacted our Loxone Partner who knew just the right solution. He retrofitted a wireless motion sensor in just a few minutes. We were very surprised at how fast it was – thanks to the Air technology – and we're happy that it saves us from yet another task."

# The harmonious sound of technology



Music is significant to us - it touches our soul and influences our well-being. A source of audio can form the basis for many useful functions. In a Loxone installation, the Music Server and speakers offer a complete solution to deliver extended multimedia functionality beyond just playing different music in different rooms. We listed five reasons why you should rely on audio in (almost) every room...



#### 1. **Multiroom audio for the whole family**

While Dad listens to classic rock in the office, Mum listens to her podcasts in the living room and the little one is accompanied to sleep by her favourite audiobook in the nursery. Different audio sources in different rooms...it's no problem with Loxone!

#### 2. **A new kind of doorbell**

When someone rings the doorbell, instead of the classic doorbell, a customisable sound is heard from the multiroom speakers - pausing the music if necessary. Plus, at specific times during the day and night, the doorbell can automatically be muted in the children's room so as not to disturb their sleep.

#### 3. **Scare off intruders**

More than just an alarm siren, being met with a multiroom audio system blasting out music is likely to make any unwanted guests decide against going any further.

#### 4. **Immediate alarm in case of emergency**

Time is of the essence when it comes to potential dangers, such as: fire, smoke, an escape of water or an intruder. Being informed as soon as there might be something untoward means you can immediately take action to mitigate damage and safeguard your family.

#### 5. **A smooth awakening**

With Loxone in a smart home, you needn't be woken by a shrill alarm clock. Instead, be woken with your morning playlist fading in on the bedroom speakers. Whether it's a gentle, nature soundtrack or motivating get-up-and-go music. ■

**Learn more about the Loxone Music Server at [shop.loxone.com](http://shop.loxone.com)!**



#### MUSIC SERVER IN FOCUS

- › Developed specifically for automated buildings
- › Play different music in each room
- › Used for burglar alarm, alarm clock, doorbell...
- › Storage for up to 250,000 songs

LOXONE

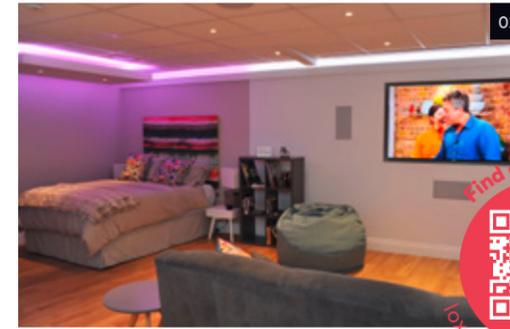


# Loxone Partner Locations



01

- 01 1314 Electrical Services
- 02 Hughes Smart
- 03 Go Home Smart
- 04 Wiise Automation



### Hughes Smart

Over in Ipswich, you'll find Hughes Smart's Loxone showroom. It is divided into five areas; garden, kitchen, dining room, bedroom and living room with accompanying technology installed in each area. Each section adds something unique, however, the open-plan nature of this space ensures that you can appreciate the system as a holistic solution.

You won't be disappointed if you visit as this cosy yet funky show space will give you a great idea of what can be achieved with Loxone.

### Go Home Smart

Up in Dufftown, Scotland you'll find a truly unique experience. A Loxone showroom with an ultra-modern interior behind its traditional bricks and mortar exterior. The whole place is

filled with undeniable character thanks to the striking juxtaposition between this 1873-built building's core and the intelligent use of smart technology. Nowhere is this more obvious than in the open-plan living area where the stunning stone-covered wall has been fantastically enhanced by hidden cove lighting.

### Wiise Automation

In Tring, Hertfordshire you'll find Wiise's fully equipped Loxone showroom. This fashionable show space boasts a contemporary interior beautifully enhanced with Loxone technology. The cosy snug, with its dark colour scheme, paints a great picture of how automation can work around a traditional sitting area. It's even equipped with a dedicated consultation area, giving you the opportunity to speak with the guys about implementing automation in your home or commercial premise.

More online at: [loxone.com/experience](https://loxone.com/experience) ■

Words alone cannot reflect what living with Loxone is like - that's why we recommend you see it in person. To help you do this we've ensured there are multiple ways for you to experience a Loxone system.

One of the easiest ways to experience Loxone is to visit one of our Certified Partner showrooms. These will give you an unparalleled idea of what is possible with Loxone and how it can benefit your everyday life.

### 1314 Electrical Services

Up in Stirling, Scotland 1314 Electrical Service have created a beautiful Loxone showroom. It offers everyone the opportunity to see how a Loxone system would work in a real home or business environment. All this can be done in a relaxed and comfortable setting whilst viewing and interacting with Loxone products. The interior has been beautifully finished with a contemporary professional apartment vibe with strong accents of deep blue and metallic finishes.

» 1314 Electrical Services are immensely proud to open a Loxone certified showroom and cannot wait to show potential clients how it can benefit their homes and businesses.«



03



04

A unique living experience

# Architecture and technology in perfect harmony



When it comes to your overall experience in your home, architecture is just as influential as a home automation system. However, when the two of them are truly intertwined - the results are incomparable. We sat down with Marcel Amrhein from the prestigious ARKD architectural company to discuss the relationship between the two.



**Mr Amrhein, from an architect's point of view, how has home and building automation changed in recent years?**

The intelligent buildings, which not that long ago were still seen as the future, have definitely now arrived in the present.

I can still remember my early days as an architect at ARKD. At that time, automation was just starting to take off. At the start, the focus was on automating commercial projects because the technology to implement this sort of thing in a private home wasn't available.

In the past, homeowners had to be introduced to the concept of automation. These days, even in the initial discussions, a lot of people are telling us that they want it - people are far more familiar with automation now.

**What do you see as the reason for this change?**

On the one hand, people's expectations in areas such as heating, shading and lighting are constantly increasing. On the other hand, we are becoming increasingly comfortable in our everyday lives. We no longer want to deal with a bank of ten switches and have to work out which one brings on the cosy lighting mood. To ensure that everything remains easy to operate, the use of intelligent technology in homes is now essential.

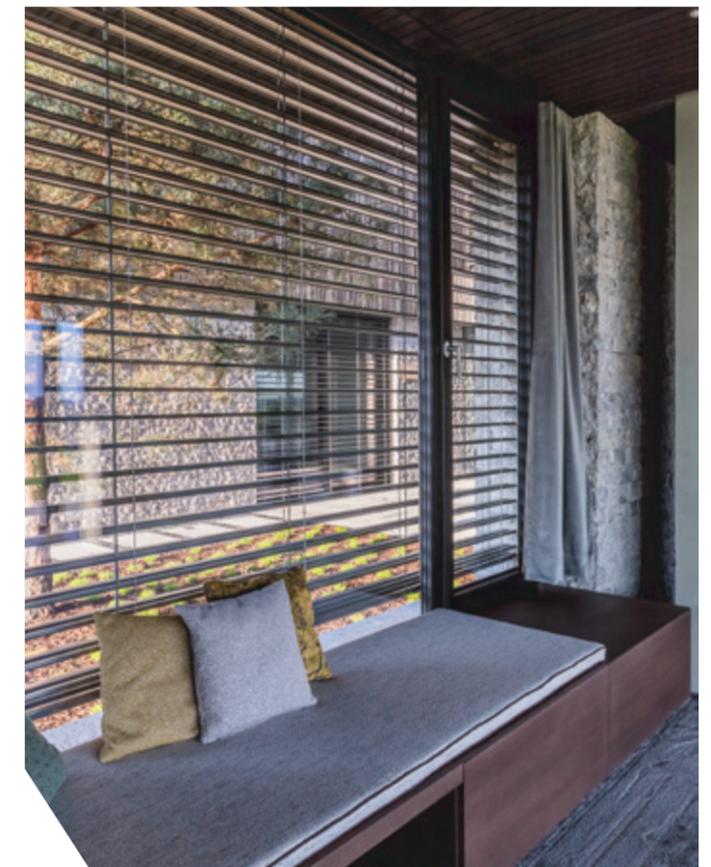
**How does that look in reality? How do you integrate automation into the planning process?**

As the demand for automation has increased, we have had to adapt our planning process. Of course, it is ideal if the use of intelligent



technologies can be included in the initial design. Thinking ahead to where I want to include some feature lighting for example, or in which rooms I'd like to be able to listen to music. As architects, we are in a constant state of learning because new technologies are constantly being developed.

For me personally, planning atmospheric lighting and multiroom audio is becoming increasingly important in the design process. For example, I recently worked on a house which wrapped around creating an inner courtyard which I turned into an atrium. Right from the start of the design, it was important to me that I could use lighting to set the scene here - especially in the evenings. I was able to use lights to create a beautiful effect on the stone wall and combine this with the inside lighting to create a holistic lighting mood. With the integration of smart technology I was able to work directly with the electrician to create various lighting moods and see the effect they would have on the space - this was done with almost no ▶



**FACTS**

<b>Founded</b>	1991
<b>Offices</b>	Linz, Haslach
<b>Employees</b>	40
<b>Projects:</b>	70 per year
<b>Most distant project</b>	Croatia

effort and it helped me find a range of lighting combinations which perfectly complemented the space. In the past, you would never have created such extensive lighting moods because you would have needed to manually switch on ten lighting circuits. You know that after a while no one will bother to do this.

The automation of heating, cooling and shading have now also become a planning standard. This is down to the shift towards large windows with significant amounts of natural light.

**Do you live in a smart home?**

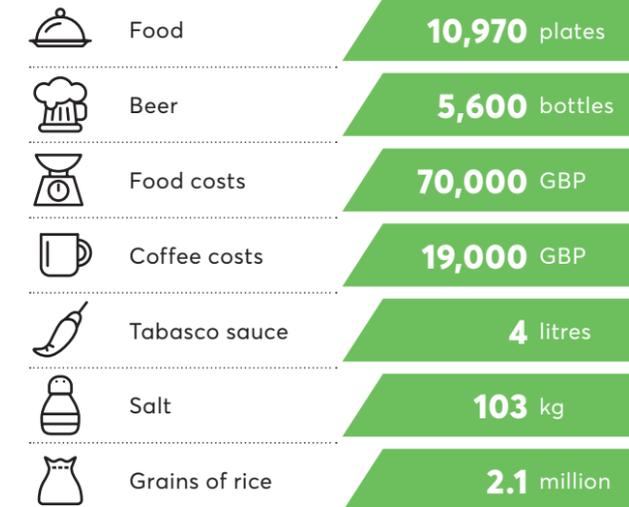
Yes. I built my own house five years ago which has automated lighting, heating, cooling and shading. I didn't consider audio at the time but I regret that now. ■

As of December 2019

# Fun Facts

Day after day, people rely on Loxone to keep making buildings smarter and life easier. Interesting facts and figures:

**From the kitchen at our Headquarters**  
Annual figures



**Loxone Config**

**72,000**  
A4 pages

4,000,000  
lines of code

**Loxone App**

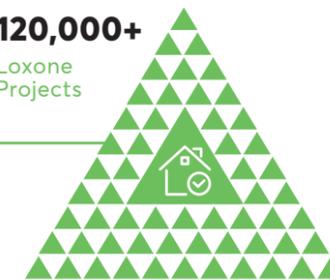
**4,650**  
A4 pages

250,000  
lines of code



**120,000+**

Loxone Projects



**Software Updates**  
per year

**120**  
Internal test releases

**60**  
Test releases

**2**  
Releases

**Loxone Services**

**162 M**  
push notifications sent

**9.1 M**  
phone calls



**559,000**  
Loxone App Downloads

**Visits & Tours**  
per year

**6,800**  
Showhome visits

**800**  
Experience Tours



**2,700**  
Project consultations

Packages shipped  
**375,000**

Products sold  
**6,080,000**

