

## Individual solutions and system-based innovations



















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At Schüco, we ask ourselves this question every day. Not for ourselves, but for our partners – architects, fabricators, investors and private clients. What would it be like for you to have even more design freedom? What would it be like to have solutions available which enable you to fabricate even more professionally? What would it be like to be even better, even more intelligent, even more efficient for you?





"We are only satisfied when we are the first choice for our business partners."









## **OUR BUSINESS MODEL**

We are an international company with qualified partners who create buildings in different countries. We see partnership as a long-term, sustainable business relationship from which all sides benefit equally.

In addition to a wide range of products and services, we are customer-oriented and offer extensive consultancy – with over 65 years of experience.

Moreover, we place great emphasis on close collaboration and continuous dialogue. This allows us to complement one another in the best possible way and carry out the design and implementation of high-quality and sustainable building projects in an extensive global network.



### Innovative technology and extensive expertise

Development and testing of products, tools and services for the whole building envelope, in accordance with standards and in consultation with the market.

#### Premium quality for all components

Provision of market-driven products for the building envelope, based on the highest quality standards: profiles, fittings, automation solutions and accessories.

### **Professional logistics**

High availability of products and adherence to deadlines thanks to a state-of-the-art distribution centre and a flexible supply network.

### Excellent, tight sales network

Comprehensive support for architects, fabricators, investors and clients through expert individual consultation from design, fabrication and installation through to operation of the building.

## For architects

- Personal consultation
- Specification texts
- Support with special constructions
- Digital process chain, e.g. BIM, AutoCAD files

## Efficient fabrication and installation For fabricators

## r or rabilitations

- Product, specialist and software training
- Software and IT solutions for construction and fabrication
- Machinery
- Technical documentation
- Support with advertising and sales

## Sustainable building operation

## For private clients

- Security
- Energy efficiency
- Comfort
- Design
- Durability
- Quality



## INNOVATIVE SYSTEM SOLUTIONS FOR WINDOWS, DOORS, FAÇADES AND MORE.

Schüco has divided its activities into the Metal – aluminium and steel – and PVC-U divisions. In both areas, we offer our partners and customers sophisticated, proven system technology. We combine this with versatile materials, designs and application options. Our core expertise is in development, procurement, distribution and consultancy in relation to sustainable solutions for the building envelope.















## WE OFFER ARCHITECTS EXPERTISE AND FREEDOM TO IMPLEMENT THEIR IDEAS.

ncreasing technical requirements, the growing complexity of legal regulations and the ever-present pressure on costs make planning a challenging process. Schüco offers a range of services to support architects, saving time and reducing the effort required for conceptual work.

We provide you with individual consultations and specific solutions. In the process, we draw on decades of experience with wide-ranging projects from around the world as well as constant dialogue with internationally renowned offices. In this way, you can be sure that we foresee and incorporate all important trends in our products.

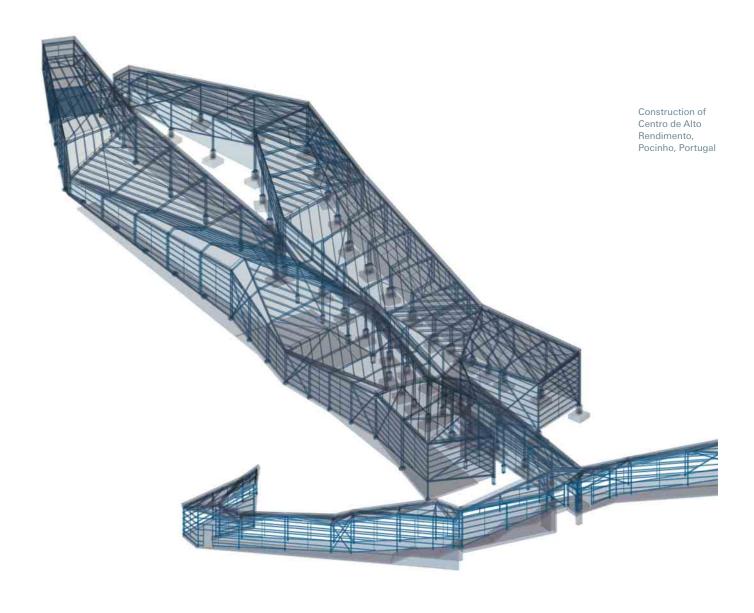
#### **INNOVATION MEETS CREATION**

The building envelope today offers countless new possibilities in terms of functionality and networked control. At the same time, there are ever fewer limits on aesthetic design. With tailored, intercompatible products from Schüco, sophisticated projects can not only be reliably planned, they also offer freedom to all for creative design solutions.

for your individual design.

## Better planning and successful implementation with Schüco

- → System and special constructions for the realisation of unique designs
- → Individual consultation from the first planning step
- → Digital process optimisation for efficient planning and specification
- → Planning modules available to download
- with the most stringent standards and norms



#### **SOPHISTICATED PRODUCTS**

Three-dimensional freeform façades are part of the supreme discipline in contemporary construction. What was previously only possible with expensive special constructions is easier to design and implement through system solutions from Schüco, without neglecting energy efficiency requirements.

Schüco façade systems enable very narrow face widths with visually-integrated windows which fulfil the most demanding aesthetic and technical requirements.

#### **DESIGN BASED ON DIGITAL TOOLS**

The closed data chain will change the construction process profoundly. New software solutions integrate all interfaces from design through to production. Here Schüco offers configurable systems and solutions that are already one decisive step ahead. You can select suitable options and view their technical documentation via online access to the product database.

We will continue to focus on the development and construction of intelligent, sustainable and perfectly formed building envelopes. After all, architects should be able to see far into the future with us by their side as their reliable partner.

Digital tools from Schüco allow you to save time and work flexibly.







# WE MAKE FABRICATORS EVEN MORE COMPETITIVE WITH SMART SOLUTIONS.

"What matters most to me is an efficient work process, sustainable results and the satisfaction of my customers. I need these to survive in the market place."

s technical possibilities increase, so does the complexity of your workflows. This is why every simplification of the fabrication and installation process is so valuable. At the same time, efficient and reliable solutions are essential. With Schüco, you can work to the highest standards and distinguish yourself from the competition.

EASIER, QUICKER, MORE SECURE

Professionalism is our top priority, regardless of the size of your business. We provide you with extensive support, from construction software through to the optimisation and automation of fabrication. In doing so, we give you targeted advice in the areas which are important for you, and find the right way to a successful design together.

We are always exchanging ideas with our fabricators about how we can improve the process chain, from construction, fabrication planning and work carried out in the workshop through to implementation on the building site. We give you smart, professional solutions with which to satisfy your customers.

With Schüco you can offer your customers higher quality and better service.

## Working together in perfect harmony

- → Support with acquisitions and order processing
- → Design and fabrication software
- ightarrow Machinery for fabrication and installation
- → Technical documentation
- → Accredited Technology Center for individual tests



<sup>&</sup>quot;The wide range of workshops and training courses helps me to maintain my technical skills and be well-prepared for the future."



Digital tools and apps from Schüco simplify your work process.

Systems and services from Schüco are designed to be fabricated in the most simple and economical way possible. Their high level of quality and foolproof design ensure fabrication and installation in which errors are easily avoided and complaints reduced to a minimum.

#### **TECHNOLOGY THAT OFFERS MORE**

Our research and development aim to deliver the best results together with our partners. Both our products and our range of machinery and software are geared towards generating competitive advantages and always finding new opportunities in the market.

The **SchüCal** software combines design, job planning, fabrication, installation and documentation. **SchüCal mobile** allows access to current data via smartphones and tablets, either on the move or at the building site. The **Fabrication Data Center** provides metal fabricators with all the information necessary for fabrication, ensuring that the distance between office and workshop is short.

#### **DESIGNING THE FUTURE**

Those who value customer satisfaction need to provide extensive, sound advice during sales. To help you with this, we are developing a range of helpful tools, such as a configurator, enabling you to present the Schüco range convincingly during acquisition talks and customer consultations. Furthermore, in future we will be offering you more and more documents and brochures in digital form, so that you can use them in a flexible manner and make them available to interested parties quickly and easily. In this way, with Schüco you willI remain fit for the future.

## Ensure success through innovation

- → Systems and services with a high level of operational reliability
- → Extensive IT tools for planning, fabrication and installation
- → Computer-aided machine control
- → Multifaceted program with video tutorials, workshops and training courses







# WITH SYSTEM SOLUTIONS FROM A SINGLE SOURCE, WE HELP INVESTORS TO SECURE ECONOMIC SUCCESS.

n terms of security, energy efficiency, aesthetics and comfort, the building envelope plays a key role today, both in newbuilds and when modernising existing buildings. It must be incredibly reliable over a long period of time, in all climate zones of the world. At the same time, it offers much greater freedom for façade design.

#### **IMPRESS WITH TECHNOLOGY AND DESIGN**

Innovative building technology and proven system solutions bring a higher level of quality to residential and office properties. The value of a property is also measured considerably by its appearance. We offer systems which merge into one building envelope with an attractive appearance and complex functionality. This makes it possible to achieve individual design specifications cost-effectively and to a high quality. For all Schüco products, we offer comprehensive application consultancy and guarantee functional performance during construction and operation.

#### **SERVICES WITH A FUTURE**

For us, economical construction does not end with the commissioning of the building. Sustainability is an important part of our service. So that your investments have a secure future. Building envelopes from Schüco are reliable, sustainable and deliver high performance.

#### Creating value through quality

- → Effective, comprehensive consultation
- → Planning reliability and durable system solutions from a single source
- → High-yield solutions for the building envelope
- → Outstanding aesthetic quality
- → Pioneering automation

# MORE FOR PRIVATE CLIENTS: A COMFORTABLE, SECURE HOME WITH AN INDIVIDUAL DESIGN.

When building your home, you want to make full use of contemporary technical possibilities, while creating individual designs. You think ahead and plan for the long term. This is why you attach great importance to quality. You are looking for a sustainable construction which focuses on your needs. A house in which you can feel safe and secure. We provide you with support, so that you can get the most out of your individual building project.



Premium residential construction with windows, entrance doors and sliding systems from Schüco.







<sup>&</sup>quot;With so much light and air, our house feels even bigger than we imagined. Everything works exactly the way we want it to as well."

# WE OFFER PRIVATE CLIENTS EVERYTHING UNDER ONE ROOF: HIGH-QUALITY LIVING, ENERGY EFFICIENCY AND UNIQUE DESIGN.

odern living combines protection against temperature, noise and break-ins with user-friendly, resource-conserving technology and attractive design. Schüco has been setting precisely these standards for decades.

### **SECURITY MEANS MORE COMFORT**

Large windows and patio doors create rooms flooded with light, remove visual boundaries and extend the living space seamlessly out into the open. For a high standard of living, you need to design your home such that you can leave the house stress-free and sleep in peace at night. Innovative system solutions from Schüco combine all of these requirements in a reliable and straightforward manner. Automated locking concepts secure windows and doors. Intelligent ventilation systems ensure a pleasant room climate, as well as a relaxing style of living.

### REDUCE ENERGY CONSUMPTION AND COSTS

High-quality windows and doors consistently reduce the energy consumption of a house – and hence your operating costs, too. Modular door and window systems offer exceptional thermal insulation. Easy to operate, and sustainable in practice.

### STYLISH INSIDE AND OUT

The combination of form and function is of great importance to Schüco. The solutions with which we design visually attractive, sophisticated constructions are just as versatile as our materials, colour options and designs. Slim profiles, concealed fittings and elegant handle design ranges create a high-quality look. A timeless appearance will always be a central aspect of our product development, so that you can also enjoy the best views in the future.

Schüco makes your home comfortable, sustainable and secure.

### Focusing on your requirements

- → Intelligent door systems for greater comfort and security
- → Window technology and ventilation concepts for optimum energy efficiency
- → Thermal insulation to passive house level
- → Seamless integration of inside and outside through large-format sliding systems







With simulation and stress tests, we can continue to optimise our product development.

For almost five decades, we have worked intensively with the performance of materials and constructions against a variety of external factors and loads. We use this expertise to accompany our own product development and support our partners as a manufacturing laboratory with project-specific testing. The Schüco Technology Center is accredited by the national accreditation body for the Federal Republic of Germany (DAkkS) as an independent (manufacturing) test laboratory and DAkkS calibration laboratory. This means that we offer secure, reliable and independent results based on globally recognised competence standards in the areas of test facilities, staff and organisations.

### **TESTING AND OPTIMISING**

Building component, material and environmental tests are some of the main specialist areas of the Schüco Technology Center. We also test the electromagnetic compatibility of building components and calculate the bullet resistance of highly secure constructions. In addition, we improve the quality of Schüco products in line with standards with the help of a wide variety of tests for acoustics, weathertightness, security and durability. Deficiencies can be quickly identified and eradicated with the aid of measurement technology that is in line with national standards and expertise in evaluating results.

Schüco is also growing in the field of testing, with ever increasing requirements. We are expanding our Technology Center to include a large building acoustics hall, which should be in operation by the end of 2019 and will allow us to create space for highly flexible test rig technology.

### RESEARCH AND DEVELOPMENT

Even when beginning to develop products, we are able to fabricate, test and continually improve new systems, individual fabrication components and special solutions, and continuously validate the results. In this way, we can obtain information on design quality and feasibility at an early stage, such as with rapid prototyping. Using our own test samples, we test the long-term durability of doors and the ageing behaviour of materials under the influence of heat, cold, moisture and UV light.

### Testing, validation and optimisation

- → Over 45 years of experience
- → Accredited as a testing and calibration laboratory in accordance with DIN EN ISO/ IEC 17025:2005
- → Largest façade test rig in Europe
- → Differential climate chamber from -60°C to +90°C
- → Approx. 8500 m² of usable space
- → Approx. 1200 tests per year www.schueco.com/technology-center



## TAKING MORE RESPONSIBILITY: FOR PEOPLE AND THE ENVIRONMENT.

Tor Schüco, one aspect stands above all others: taking responsibility. With our products and with our business. Within and outside the company. With innovation, efficiency, outstanding service, optimum interaction between technology, sales and marketing, intensive communication between international Schüco subsidiaries – and with a clear approach which makes people the main focus.

### WE WANT TO SET NEW STANDARDS – FOR LIVING, WORKING AND THE WORLD OF TOMORROW.

For us, social and technological change means working together to design secure, healthy and sustainable living environments for a globally networked society.

hose who have worked with us know that an enthusiastic, thriving culture of innovation and communication on an equal footing is what sets us apart from the rest. We want to be the best by far. All of our customers and partners should benefit from this, on a global level too. We continue to align our economic activity with the different markets.

In our business activities, we take responsibility for people and the environment. Employees at Schüco are committed to fair conduct towards customers, suppliers, competitors and authorities.

Our products fulfil the requirements of all climate zones around the world. It goes without saying that our range also meets all legal requirements and standards that apply in the relevant countries. Furthermore, we align our services to match the conditions and business culture of different markets.

### OUR VISION - AND HOW WE ACHIEVE IT.

We want to offer the best technology and services for the whole building envelope.

→ This is why we always go that crucial extra mile when developing our products.

We want to drive forward the global market and, together with our partners, create ever better and more sustainable building and project solutions that are more worthwhile.

This is why we continue to develop our range of services.

As a partner, we take responsibility and value integrity. As an employer, we want to set an example for the entire industry and beyond.

→ This is why we constantly consult with our partners and employees, sharing professional expertise.

### Our values shape our business – today and in the future.





### **INNOVATION**

Always improving on what already exists and creating something new.

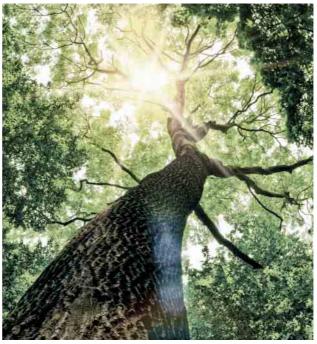


### **EXCELLENCE**

Delivering outstanding results in everything we do.

### **PARTNERSHIP**

Aligning all products and services to meet the needs of our customers.



### **RESPONSIBILITY**

Using state-of-the-art technology, where the focus is on people and nature.

### WE ARE PIONEERS AND ROLE MODELS – IN EVERY RESPECT.

Our employees are an important source of ideas – especially those who back unconventional ideas. With their help, we would like to further develop our market position as technology and service leader.

t Schüco, the focus is on the people. For us, this means offering our employees individual development opportunities and a pleasant working environment. We would like to lead here in the same way as we do with our products and solutions.

Anyone who sets ambitious goals like we do, as one of the market leaders, needs one thing above all else: people to help achieve them.

### OPEN, FAST, ON AN EQUAL FOOTING

Our operations depend on flat hierarchies and our employees being able to introduce their ideas and incentives to the company in a quick and straightforward way. We appreciate the diversity of people, opinions and experience, and seek the best solutions for our customers together. In doing so we explore new horizons without hesitation, prioritising dialogue and mutual inspiration. In order for this to work, treating each other with respect and mutual appreciation are practised principles.

### TOGETHER WE ARE SIMPLY BETTER

Schüco stands for a thriving culture of cooperation and team spirit. We have defined guidelines for conduct between managers and employees, on which everyone at Schüco can rely. This creates trust – and makes Schüco an attractive employer in the long term.

For more information on Schüco as an employer, visit www.schueco. com/schuecoas-employer



### WORKING HOURS AND WORKSPACE

Flexible working models, mobile working, working from home, flexitime, time accounts, canteen, public transport discounts, modern media equipment

### FAMILY AND CAREER

Emergency childcare facility, children's holiday programme, carers' leave, part-time working models, family service

### REMINIERATION

Salary above general pay scale, variable remuneration for individually salaried employees, bonus payments, leasing of e-bikes and employee PC programme

### HEALTH & WELFARE

Company pension plan, massage treatments, company sport, gym discounts, activity days

### TRAINING AND EDUCATION

Modern training centre, open range of courses, junior staff trainee programme, management trainee programme, individual career development, expert training programme



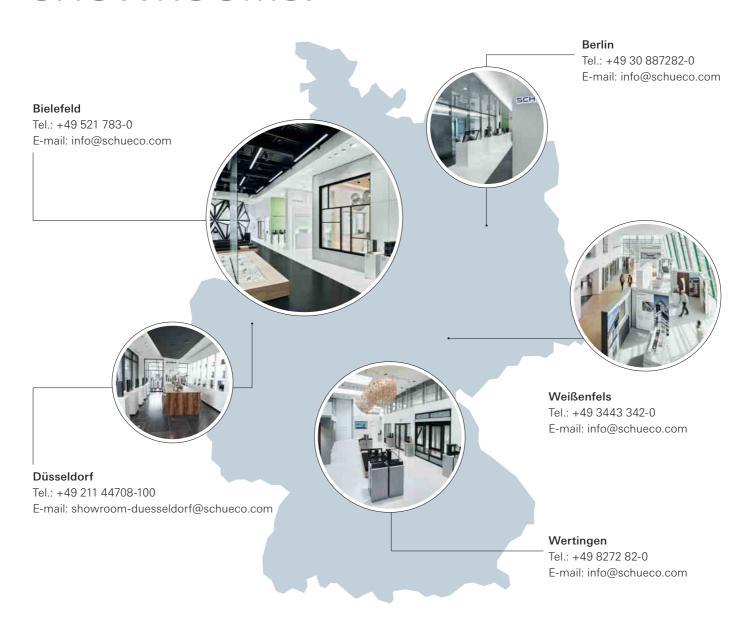
### MORE FOR TOMORROW: WE KNOW HOW.

In your role as architects, fabricators and investors, you create something that endures. Architecture which emerges today in residential and commercial construction will define our life for decades to come. At the same time, digital solutions will significantly change construction processes.

We know how demanding building is today. And how we can support you fully, from planning through to implementation of a building project.

As one of the market leaders, we strive every day to develop innovative technology and services. Together with you we therefore create sustainable buildings for the future which are even more intelligent, comfortable, and secure.

## EXPERIENCE OUR BRAND AND TECHNOLOGY IN THE SCHÜCO SHOWROOMS.



Being where the decision makers are is the idea behind the Schüco showrooms. With stylish exhibits, samples of different Schüco systems, digital presentation options and qualified specialists, you can experience the Schüco brand and products in person. For more information about our showrooms, visit:

www.schueco.com/showrooms

Involve Schüco at an early stage to make your project successful. Make an appointment at one of our showrooms around the world now.



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### MODERN BY CONVICTION. DURABLE BY TRADITION.

### 1950 - 1969

**1951** Heinz Schürmann, a pioneer in the young Federal Republic of Germany, founds the company Heinz Schürmann & Co. in Porta Westfalica. In a small backyard with six employees, he produces shop windows, awnings and rolling grilles.



**1970s** Schüco develops into a system supplier for aluminium windows and doors. The company establishes new sites across Germany, continually expanding its sales network.

1980s Schüco becomes increasingly international with licensees in Europe. In addition, the company quickly recognises the potential of versatile PVC-U and expands its product portfolio accordingly.



1990s In East Germany and eastern Europe, building renovation with eco-friendly building materials presents a major challenge. Schüco seizes this opportunity and expands its international business further. At the same time, the company enters the solar market and targets large commercial projects.







### 2000 - 2009

2000s Schüco extends its business into the USA, South America and China. With its three divisions - Metal, PVC-U and Solar - the company is a specialist for the entire building envelope.

2005 The Schüco Technology Center in Bielefeld is accredited as an independent and certified test institute.



### 2010 to present

2011 Launch of the modernisation façade for the renovation of existing buildings while they are still in use.

2012 Andreas Engelhardt appointed Chairman of the Schüco Executive Management Board in October. Schüco focuses on the core business in the Metal and PVC-U divisions.

2013 Schüco presents the Parametric concept and the new SimplySmart generation of fittings. The 800 m<sup>2</sup> showroom is opened in Bielefeld in December 2013.

2014 Andreas Engelhardt becomes CEO and Managing Partner in September.

2016 Opening of various showrooms around the world, including in India and China. Extensive investments in construction start at Bielefeld site.



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