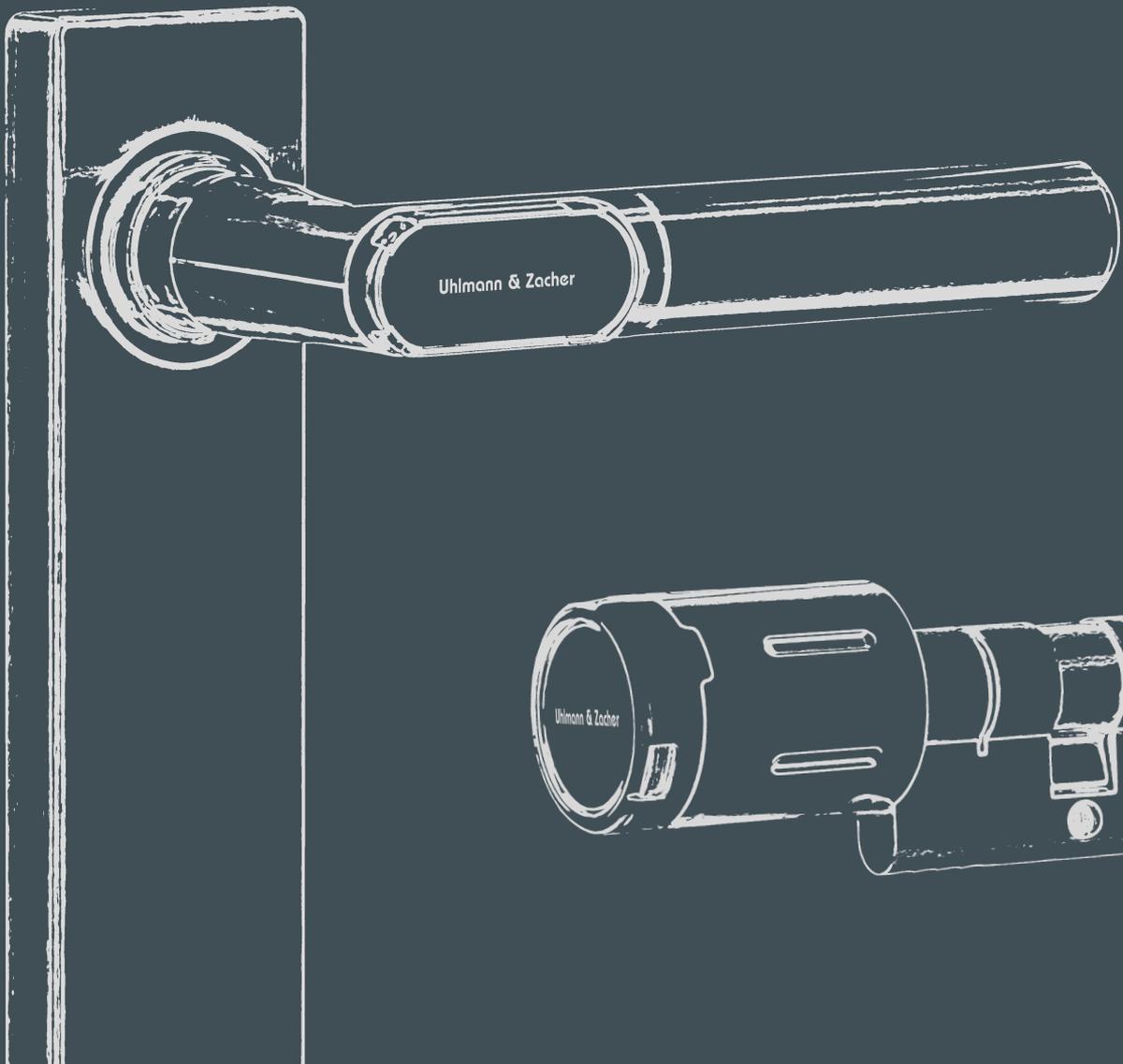


**U&Z** Uhlmann & Zacher





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# WHO WE ARE

Uhlmann & Zacher has established itself in the **electronic locking systems** market since 1996. With many patented product developments and system enhancements, we have set new benchmarks in the field of **transponder-based locking systems**. Thus we are focussing on open and integrated solutions in the development phase itself.

From electronic locking cylinders and door handles/door fittings to readers, wireless modules and furniture locks including individual knob modules: With our **wide range of products**, we offer the entire infrastructure, including the software, required to successfully install and manage an electronic locking system. Thus, our sales partners have access to a large assortment of products, which covers all the needs of the end customer.

All the products are manufactured in Waldbuettelbrunn near Wuerzburg in Bavaria and are thus originally „Made in Germany“. But we are not just active in Germany. Our **French sales office** was setup in Emerainville, Paris, in 2014. By working together with our **international partners**, our distribution channels include OEM partners and integrators in addition to trained dealers **worldwide**.

With numerous patented product developments and system enhancements, we, as a company developing, manufacturing and providing consultation services in Germany, are setting **standards** with our pro-

duct groups in the field of locking systems based on transponders. Thanks to our high degree of flexibility, we can pay attention to the **special requirements** and requests of our customers. In this way, a series product has often emerged out of an individual solution developed for a particular building that has enhanced and complemented our existing range of products.

While developing our products, we ensure that they are compact and suitable for commercial use. Thus, they blend easily with the design and ambience of the building. The modular design makes the installation flexible.

Hence the **building can be expanded later at any time**. When designing our locking units and related management software, we always think about user-friendliness and intuitive operation to ensure smooth process in the building.



**Martin Uhlmann**  
Managing Director



**Dr. Marc Zacher**  
Managing Director



**Carl H. Scheuermann**  
Technical Director, ppa.



**Hartmut Beckmann**  
Sales Director, ppa



**Florian Kratzer**  
Commercial Director, ppa.

# OUR PHILOSOPHY

Uhlmann & Zacher is represented by our employees. Our team includes individuals who shape our products with their **ideas** and transform the market requirements into **user-friendly products** of the highest quality with high commitment. Together we develop forward-thinking and reliable locking system concepts.

Every employee is constantly encouraged to contribute his/her ideas to the processes and thus improve the efficiency of work. In this way, the company was able to grow unprecedentedly and even expand globally.

Our goal is to always be **one step ahead** of the market. Our ambition is to identify trends and implement the requirements of the market.

With this **corporate philosophy**, and thanks to our dedicated employees, we are at the forefront of setting trends in the segment and are the fastest growing supplier of electronic locking systems in Germany.

Uhlmann & Zacher develops and consults for its selected dealers at home and abroad.

From the idea and development including production, customer service and technical support: Everything takes place at the headquarters in Waldbüttelbrunn near Würzburg.

A large, leafy tree stands in a green field under a blue sky with clouds. The tree is the central focus, with its branches spreading out. The field is lush and green, and the sky is a clear blue with some light clouds. The overall scene is peaceful and natural.

As a **family-owned company**, we also take a responsible approach to the environment very seriously. In order to pursue long-term climate policy goals, we rely on various measures to **conserve resources** in our daily work.

In doing so, we compensate for unavoidable emissions by participating in international climate protection projects. For several years in a row, U&Z has been recognized as a **climate-neutral company**. Our electronic locking cylinder and electronic door handle are also produced in a climate-neutral manner.

# OUR HISTORY

1990

**Foundation of Uhlmann & Zacher GmbH** by the shareholders *Martin Uhlmann* and *Marc Zacher* with the business purpose to develop hardware and software for the hotel market.

1996

**Invention of the electronic cylinder** by *Günter Uhlmann*. The product idea resulted from the request to take the sting out of key loss and the related security gap. Software for simple locking systems is developed. The electronic locking systems division becomes the second business area for Uhlmann & Zacher.

1998

**Development of the electronic locking system** under the management of the additional shareholder *Carl H. Scheuermann*. The locking concept for managing electronic locking systems provides for units that don't have to be connected online. The locking systems are controlled centrally via a software with database. The data is exchanged with the electronic cylinders via a virtual network. The access rights are programmed at the central computer, directly to the keys.

1999

**Granting of the patent** by the German Patent Office for the electronic cylinder with centrifugal coupling.

2000

**Shifting of the business activity** to the exclusive development and production of hardware, electronic components and firmware for electronic locking systems.

2002

Move into the **new company building** in Gutenbergstraße 2-4 in Waldbüttelbrunn.

2004

Expansion of a dealer network throughout Europe. **World first Clex knob module** is presented in March 2004 at the International Hardware Fair in Cologne by Uhlmann & Zacher.

2011

Launching of the **ClexTouch software** for handheld PCs with touch screen. Easing of the facility management through comprehensive software tools.

2014

**Establishment of our branch office „Uhlmann & Zacher France SAS“ in France.** Launch of the new CX6182 security cylinder with evaluation electronics on the inside. With the new Keyng Administration Software CX2530, Uhlmann & Zacher offers yet another option for programming and managing a Clex private locking system besides the established learning/clearing system.

2015

The **electronic door handle CX6172/CX6172F** goes into series production and wins several awards, including the GIT SECURITY award in the access, intrusion and perimeter protection category as well as the gold PROTECTOR award in the access control category.

2017

At the beginning of the year, the **500,000th electronic locking unit** goes on sale, a milestone in the company's history.

2018

**Extension of the main building** in Waldbuettelbrunn. The annex doubles the total area of the company building in Waldbuettelbrunn. More space is created for offices, production and warehouse areas. A modern high-rack warehouse makes logistics more efficient. The milestone of 100 employees is reached.

2019

Uhlmann & Zacher is awarded the **Innovation Prize of the SME Union of Lower Franconia**. The award confirms Uhlmann & Zacher as a medium-sized company that operates not only regionally, but also internationally, and stands out due to its future-oriented alignment and innovative strength.

2020

Launch of the **Keyng smartphone app** for iOS und Android. The app is ideal for locking system management of small to medium-sized properties such as medical practices, law firms, smaller offices or private homes.

2021

Sale of the 1 millionth electronic locking unit in November. The first mobile access solution **Clex private mobile** is launched and enables door opening via smartphone.

2022

Expansion of the Clex prime locking system, the flexible locking system for medium and large buildings with **Clex prime mobile**.

2023

Market launch of **Clex public mobile**. This means that third-party systems integrated with Clex public can now also be extended to open and close electronic locking units with the smartphone.

# OUR PRODUCTS

## Flexibility through modular design

A modern electronic locking system offers almost unlimited options in the management of locking systems. Depending on the building requirements, the focus can be, for example, on perimeter protection or flexibility with authorisations.

To make the application as simple as possible, all our locking system products are characterised by:

- self-explanatory use,
- easy installation and
- traceable management.

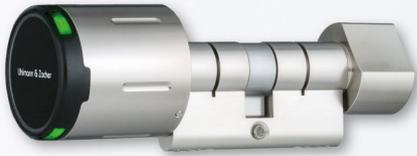
We focus on your comfort during installation and management as well as ensuring the security for your building.

Therefore, advanced encryption algorithms enable highly secure data exchange – **for your security**.

We are open to the needs of our customers and the individual building schedule. We support our partners at every step of setting up a completely new locking system or upgrading an existing system.

The **modular design** of our products has proven itself in the field. For example, the knob module CX6120 becomes a furniture lock, half-cylinder or double knob cylinder depending on which components are assembled.





## Locking Cylinders

The electronic knob cylinder in a modern stainless steel design replaces a mechanical locking cylinder in no time at all, and the door is opened by means of a transponder. Thanks to the modular design, individual components can be replaced flexibly and adapted to the respective installation situation.

## Door Handles

The design-oriented electronic door handle can be mounted on nearly all standard doors and there control access electronically. The entire electronics, mechanics, LED signaling as well as the power supply are integrated completely in the compact space of the door handle. Different sizes and handle forms mean that there are virtually no limits to the scope for design.



## Furniture Locks

The electronic furniture lock and cabinet lock allows access to cabinet contents to be controlled electronically. The products are versatile in use and can, for example, be mounted on filing cabinets, lockers, medicine cabinets or changing rooms.

## Readers

You can use electronic wall readers to switch electric door openers, elevators or doors and door drives. The products are available as indoor and outdoor versions.



# OUR SYSTEMS

## CLEX PRIME

When you choose the Clex prime system you choose our electronic locking system with transponder technology which allows a **great number of very different objects** to be secured. With its up to **60,000 locking units**, it fulfills the requirements of office, industrial and administrative buildings as well as public buildings such as hospitals, universities or airports.

Apart from different time zones you can also set different properties such as time switches/daytime activations, automatic expiry dates, continuous engagement and further system features with our **Keyvi software**. In addition a Clex prime locking system can be combined with other Clex locking systems or other systems as well. The Clex prime system components can exchange data both offline and via access point with the management software Keyvi using modern encryption algorithms.



## CLEX PRIVATE

When you choose the Clex private system we offer you the comfort and safety of an electronic locking system even for **small properties** such as medical practices, law firms or private homes. The wireless system can be retrofitted cost-effectively without construction measures.

In the variant with wireless (868 MHz) access is managed securely and conveniently by means of a learn-and-delete system. Alternatively, management via the **Keyng software** is possible. In the case of locking units in the variant with Bluetooth® Low Energy two smartphone apps for iOS and Android are available for free: The Keyng app for managing and the Clex Key app for opening doors using a smartphone. Overall up to 1,000 locking units and identification media can be integrated into the system.

## CLEX PUBLIC

Clex public addresses partners who want to **integrate** our locking units into their own system. While **Clex public online** allows for door locks to be integrated into existing access control systems in a cost-efficient manner, **Clex public offline** is a fully programmed firmware which can be designed flexibly and according to individual needs and which allows tailor-made solutions.

In addition an integration of the electronic U&Z locking units into the locking system of the partners is possible via Bluetooth® Low Energy. This enables the management of the locking unit and for opening doors using a smartphone.

# FIELD OF APPLICATION



## Industrial and office buildings

Large industrial and office buildings, as well as public facilities, have high access control requirements. **Data protection and security** play an important and crucial role here. When it comes to large, complex groups of buildings, mechanical locking systems quickly reach their limits. In addition to being time-consuming to manage, they have major security flaws. This is where an electronic locking system from Uhlmann & Zacher comes in.

## Private homes

Private homes provide a safe, secure **place of retreat** from the stress of everyday life. Coziness and comfort also play an important role here. With the **Clex private** electronic locking system, Uhlmann & Zacher offers a **secure and convenient access solution** for your home. Clex private enables garages, garden gates, house entrances, cellar doors and apartment doors to be opened with only one key. With their modern, minimalist and timeless **stainless steel design**, the electronic locking units fit perfectly into any environment and home decor.





## Hospitals

In healthcare the requirements for a locking system are diverse and complex. Many people come in and out of here every day. A number of factors have to be taken into account when dealing with **different groups of people** such as patients, hospital staff, cleaning staff, tradespeople or visitors, as well as **different areas of application** such as patient rooms, laboratories, operating theaters, medicine cabinets and offices. In the day-to-day running of a clinic, a **well thought-out locking system concept** can make work easier and bring considerable **additional benefits** for internal processes.

## Schools

In everyday school life, a locking system has to meet a host of requirements. Teaching staff, cleaning staff or janitors - who is authorized to access where and when? How can the gym or auditorium be used by external clubs outside school hours? What should be done if a key is lost? These are all questions that need to be solved. In addition, school security and the **prevention of rampages and violence** play an increasingly important role. In this situation, an electronic locking system can make a contribution to improved **control and security**.



## Universities

University campuses are big and have a **large number of people passing through**. Thousands of students, teaching staff, cleaning staff, tradespeople and many more come and go every day. **Access control** for different groups of people usually has to be regulated across several buildings and different rooms such as lecture halls, seminar rooms, research rooms, sports centers, libraries and cafeterias. This poses a major challenge for mechanical locking systems. In this case, an electronic locking system from Uhlmann & Zacher is the solution.

# OUR CUSTOMERS

## SPECIALIST DEALERS

Would you like to be part of our network of selected and authorised **specialist dealers**? Special **product training** helps you to become a trained specialist dealer of Uhlmann & Zacher. The experts of our technical support team are always accessible to answer your queries, even on-site. We will also assist you in marketing the products.

With our product groups of Clex prime and Clex private, we offer our specialist dealers a **wide range of products**, which covers all the needs of the end customer.

Due to the different focuses of the products, more than two **solutions** are available to our dealers for the corresponding target groups, which help in the decision-making process for the various building types.

**Benefit** from our experience in the market of electronic locking systems, which extends for more than 20 years, and our wide range of products!

## INTEGRATORS

With our **numerous connectivity options**, our products can be easily integrated into existing building and security systems. As part of the **overall solution**, our electronic locking units can be integrated into existing or new systems. For you as an integrator, this allows you to link several applications into one single system. Thus, many individual applications combine to form one system.



## OEM

Are you a manufacturer of time recording terminals or do you work in a similar industry? Do you want to expand your range of products under your own name? By **working together with a strong development partner**, you can extend the product range for your customers.

As an OEM partner, we offer you the possibility of utilising our know-how to complete your **range of products**. Utilise our extensive experience and take advantage of our stability in the market. **Both the partners** as well as the end customer can only win in this cooperation.

# CERTIFIED QUALITY

## Certified according to ISO 9001

The ift Rosenheim certifies that our company has a quality management system conforming to the globally recognized **ISO 9001:2015** standard. This is the most widely used and **most important standard in quality management**, both nationally and internationally.

A certification in accordance with ISO 9001 forms the basis for companies of all sizes and branches to realize a continuous improvement process.

In this way, our employees prove every day that **quality orientation** determines their thinking and actions in all individual processes.

An efficient **quality management system**:

- increases the transparency of company processes
- reduces the error rate
- and increases customer satisfaction.



A bestseller which has already been successful on the market for **more than 20 years** is the electronic knob cylinder **CX6122**.

The lock cylinder belongs to the **first products** which we manufactured at Uhlmann & Zacher. To this day it is one of our most frequently sold products and is **constantly being developed further**.

The product is **versatile** in use and thanks to its numerous part variants is suitable for the installation in different door situations.

# Zertifikat



Zertifikatsnummer: 791IFT-9009596-1-2

## Umfang

**Qualitätsmanagementsystem DIN EN ISO 9001:2015**

## Unternehmen (Zentrale)

**Uhlmann & Zacher GmbH**  
**Gutenbergstr. 2-4**  
**DE - 97297 Waldbüttelbrunn**



## Geltungsbereich der Zentrale

**Entwicklung, Herstellung und Vertrieb von elektronischen Schließsystemen**

## weitere Standorte

-/-

## Geltungsbereich der Standorte

-/-

## Standort-Bestimmungen

-/-

## Grundlagen

Im Zertifizierungsaudit wurde der Nachweis erbracht, dass das Unternehmen ein Qualitätsmanagementsystem entsprechend DIN EN ISO 9001:2015 „Qualitätsmanagementsysteme – Anforderungen“ eingeführt hat und anwendet.

  
Prof. Jörn P. Lass  
Institutsleiter

ift Rosenheim  
27.07.2021

Zertifizierungsaudit: Juli 2018  
Vertragsnummer: 791 9009596  
Gültig bis: 26.07.2024

## Grundlage(n):

ISO 9001



## Gültigkeit

Die Gültigkeitsdauer des Zertifikates beträgt drei Jahre. In dieser Zeit wird die Firma durch jährlich stattfindende Audits überwacht. Das Zertifikat ist nur in Verbindung mit dem dazugehörigen Zertifizierungs- und Überwachungsvertrag gültig. Alle Änderungen der Voraussetzungen für die Zertifizierung sind dem ift-Q.Zert mit den erforderlichen Nachweisen unverzüglich schriftlich anzuzeigen.

## Veröffentlichungshinweise

Das Zertifikat darf nur unverändert vervielfältigt werden. Es gelten die Bestimmungen der „Allgemeinen Bedingungen für die Zertifizierung von Managementsystemen“

Das Unternehmen ist berechtigt, das „ift-zertifiziert“-Zeichen gemäß der ift-Zeichensatzung zu nutzen.

  
Christian Kehrer

Leiter der ift-Zertifizierungs- und Überwachungsstelle



www.ift-rosenheim.de

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Uhlmann & Zacher