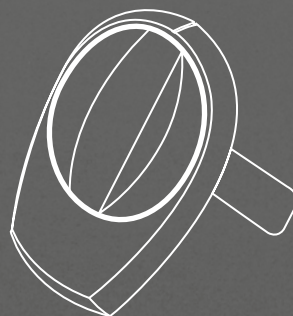
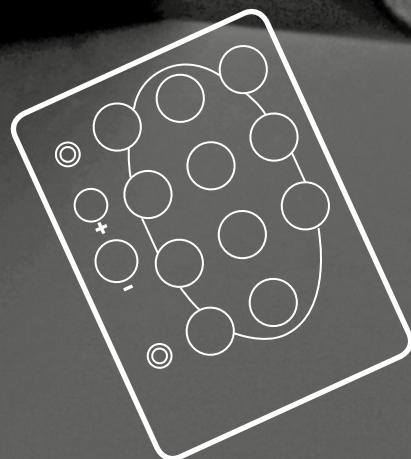
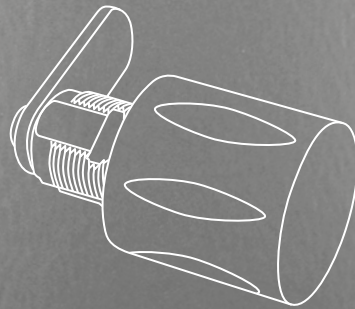


Many Possibilities. No Compromises.

Mechatronic Solutions by BURG.



E-HS



IE-GS



CodeKnob



TouchCode

BURG mechatronics – security inside and out

Modern security solutions must do much more than fulfill one particular task; they should not only keep unauthorized persons away from security zones, but also monitor and control access to such areas by those who are authorized.

Mechatronics from BURG provide you the ideal basis for any type of electronic access control: flexible, system-independent and network-capable.

Doorknob with a time frame.

The mechanic needs 15 minutes on short notice; the cleaning lady requires 30 minutes each Friday; one worker has access during his shift, the other has unrestricted access... No problem for programmable systems. And the mechatronic solutions by BURG.

Today's businesses ultimately face more security risks from within than they do from without: nowadays sabotage or espionage can do more damage than – as was previously the case – through the robbing of wages. That's why it is important to provide the appropriate protection for server racks, laboratories and R&D areas without simultaneously affecting working conditions. Flexible access authorizations and reliable logging make both possible.

It's good when everything goes together. BURG mechatronic components are system-independent and are thus suitable for any type of standard security technology.

Attractive yet inapproachable.

It is our belief that such a future-oriented program should also have an attractive design. That's why we joined together with renowned industrial designers to produce the IE-G, which in terms of functionality, ergonomics and haptics successfully fulfills the requirements of a good design.

But we're not the only ones who are so convinced; by awarding the iF Award, a recognized jury of specialists has added their voice to the chorus of approval.

We can add that later.

It's not always possible to foresee just when security requirements need to be adjusted. But with BURG mechatronic products, that's no longer an issue: it's very easy to make an adjustment at a later date.

An important factor in doing so is the battery control, which makes bothersome cabling unnecessary. As a result, stand-alone solutions are just as feasible as the networking of diverse applications. We would be more than happy to offer you a consultation regarding your individual requirements.

Limitless flexibility with little effort.

Once users hear the word „electronics“ they often times fear the high costs of implementation and maintenance. Yet modifying or upgrading your equipment doesn't have to be expensive. Moreover, low installation costs are coupled with minimal operating costs.

A well thought out locking plan design will give you numerous advantages in terms of both time and security, among others. Because you determine when to provide access and when to block it. Modifications and amendments can be performed quickly and without complicated programming or time-consuming processes. In this manner, you'll most likely gain peace of mind, as well.

See page 10 for a description of what we at BURG understand by mechatronic intelligence!

The “Burg process”.



Getting to know each other

At this point, you get to know us: as a versatile partner for product-specific solutions. As a creative collector of ideas for the individual requirements of our customers. And as competent experts who do not hastily give up on a project.



Advising

Is this OK, or is it better the other way? Working together with you, we develop solutions to expand product features, for value-added strategies and to achieve an increase in efficiency.



Supporting

We would like to be more than just your supplier. That's why we also look at available products and processes and define goals for product optimisation. Because you should also be able to benefit from our expertise.



Research and development

Those who already know a lot are always hungry to learn more: the creativity of our design engineers is at your disposal, so that your project is ergonomically optimised and pleasing to the touch, with good design through clear use of form; with the implementation of new materials for the best technical solution, and with approaches that go beyond pure mechanics, all with a clear goal: Innovation.

Production

Our production is definitely worth having a look at. Leading edge equipment, high manufacturing standards and a comprehensive quality assurance procedure ensure that your orders are completed reliably. And by the way, this doesn't only apply to locking systems! With our competence in zinc die-casting we are also at your disposal in other areas.



Mounting

What comes out of the machine is by no means finished. We also undertake the finishing process, for example, the final assembly of pre-assembled components. And the process is completely personalised and adapted to your projects.



Logistics

Low stock levels and yet no supply shortfalls? Here you can rely on us. Because just-in-time delivery, kanban system and supply chain management are not simply buzzwords to us; they are part of our daily routine.



After sales

Even after delivery, our job is not finished. Now is when our work really starts! Because by sharing experiences with you and by working together with you to consider how better to optimise the marketing and commercialisation, the term 'supply partner' takes on a much more complex meaning.



Customer satisfaction

The goal is achieved – and motivation for the next round? Because for us, at any rate, it is worth making all that effort when we receive positive reaction from our customers about our work.



Electronic Lock Systems

E-HS/E-ZV: Intelligent combination of precision mechanics and electronics

With the new generation of electronic camlocks (E-HS) and central locks (E-ZV), the principle of "plug and play" is alive and well. The entire electronics as well as the innovative release mechanism are integrated into the lock. Rather than using a lifting magnet, the lock system is controlled via a 4.5 V mini-motor which in turn uses a miniature gearbox to drive a cog wheel that connects the knob to the lock. As a result, it is ideal for retrofitting or refitting.

Product example



E-HS

Areas of application

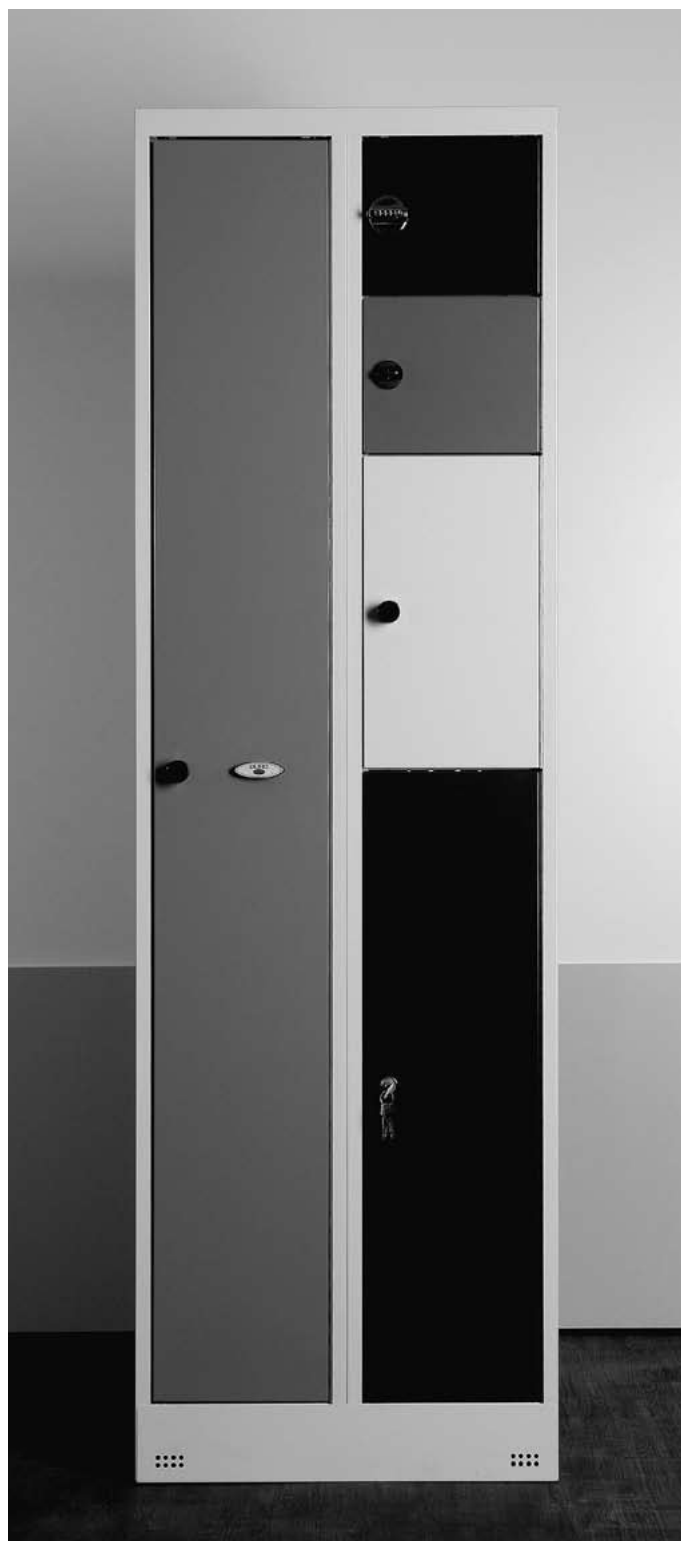
- Steel fixtures
- Wood fixtures

Features

- Lacquered or galvanized finishes
- Rotating security knob
- Suitable for outdoors (Protection class IP 54)
- Protection against magnetic manipulation
- Perfect haptics through handles
- Compatible with standard 16x19 fixing hole

Control

- Pocket Access und Radio transponder
- Smart open und SimonsVoss transponder
- Further electronic controls available upon request.



Mechatronic and mechanical electronic control solutions for metal cabinets.

An overview of our electronic lock systems can be found on the Internet at: www.burg.de

Electronic Lock Systems

CodeKnob: Multi-functional "Stand-alone" code locking system

A code replaces the key and is extremely easy to operate. The active surface on the face side together with the enter ring makes programming easy. The user code can be individually set by the user. A translucent ring displays a green light when the right code is entered and a red light for the wrong code. Opening the CodeKnob is so elegant and quick that an observer – contrary to combination locks – has a difficult time recognizing the numerical combination. The prerequisite for reliable security.

Product examples



CodeKnob



CodeKnob Aluminium

Areas of application

- Steel fixtures
- Wood fixtures

Features

- Material: zamak, PVC
- Finish: Carbon-metallic or aluminium finish
- Override function
- Delivery incl. battery
- Locking direction left or right
- Customer-specific designs

Control

- "Stand-alone" principle
- Further electronic controls available upon request.



Battery-controlled electronic code lock system for "stand-alone" solutions.

The innovative TouchCode combination lock with individual coding

The user closes the door with the knob, enters his individual code using the membrane keypad and then confirms the entry. This secures the door until the user enters the code again. LEDs show the operational status. The code can only be confirmed if the door is closed and the knob is in the "Closed" position. There is an emergency opening function. The flat design is ideal for installation in furniture (wood and steel).

Product example



TouchCode

The TouchCode has been designed for secure use for many applications, for example:

- in cabinets for employees
- in swimming pools
- in hotels
- in the cloakrooms of public buildings.



High security with dual functionality.

An overview of our electronic lock systems can be found on the Internet at: www.burg.de

Electronic Lock Systems

IE-GS and I-EG: Everything under control with the security of electronic control

New handle qualities and comfortable handling for almost all types of cabinets. Alongside the possibility of being fitted into a large number of electronic controls, the scope of advantages goes from the highest levels of security to integration into existing building management systems.

IE-GS electronic handles

The handles can be adapted to fit specific applications. The practical handle is simple and safe to use even with work gloves. Customer-specific versions or surfaces with soft-touch haptics are also available.

Product example



Areas of application

- Steel fixtures

Features

- Plastic surface

IE-GS

Control

- Pocket Access und Radio transponder
- Smart open und SimonsVoss transponder
- Further electronic controls available upon request.



IE-G – Intelligent Electronic Handle

The IE-G isn't just good looking, its inner-value is also extremely convincing. The electronic components are particularly secure inside the housing and, depending on the application, are either battery-driven or connected via a cable. Inclusion into networked access control systems is possible even when retrofitting.

Product examples



IE-G

IE-G Legic

Control

- SimonsVoss transponder and Kaba Legic
- Further electronic controls available upon request.



Extremely easy to retrofit or refit with the plug and play principle.



Also suitable for retrofitting for a diverse array of brands via adapter plates.

An overview of our electronic lock systems can be found on the Internet at: www.burg.de

Electronic Lock Systems

BURG makes truly safe safes.

In many cases, securing a safe by way of a numerical combination lock proves insufficient. In combination with a SimonsVoss Transponder solution and based on the „four eyes“ principle, BURG offers dual security. Access to the contents of the safe is made available once the right numerical combination is provided and confirmed via the transponder. This dual security is particularly significant, for example, in areas where very valuable or dangerous items are stored.

The additional application of the SV Transponder also permits enhanced access logging and surveillance. All access procedures can easily be followed by reading the transponder log. In an expanded version, the safe lock system can be included into a network component of the entire building lock system management. The highest level of security is combined with multi-functionality and offers advantages in terms of both comfort and efficiency.

Product example



Areas of application

- High-security areas

Control

- SimonsVoss transponder



Being applied for high- security medicine storage.

An overview of our electronic lock systems can be found on the Internet at: www.burg.de

Electronic Controls

Pocket Access

Efficient, time-saving and comfortable. Lock systems from BURG react to radio signals from Pocket Access within a pre-determined action radius. The locks close automatically when the sender moves outside of the action radius and open back up when coming back within range. As a result, forgetting to lock up is a thing of the past.

Product example



Pocket Access

Technology

- Opening and closing per radio without the need for manual activation
- Freely programmable radio distance up to 30 meters
- 2.4 GHz transmitter frequency
- Battery warning
- Simple to retrofit or refit



Closed during distribution, open for removal. Utmost efficiency as seen here with a postal cart of the Norwegian Post Office.

Radio transponder

Touchless opening and closing with no additional effort. The transponder can be set as desired and operates per radio without a touch. Doors, lockers, cabinets or doors can be either opened or locked at the simple press of a button. If necessary (e. g. lost or misplaced), the transponder can simply be blocked without the need to replace the locks.

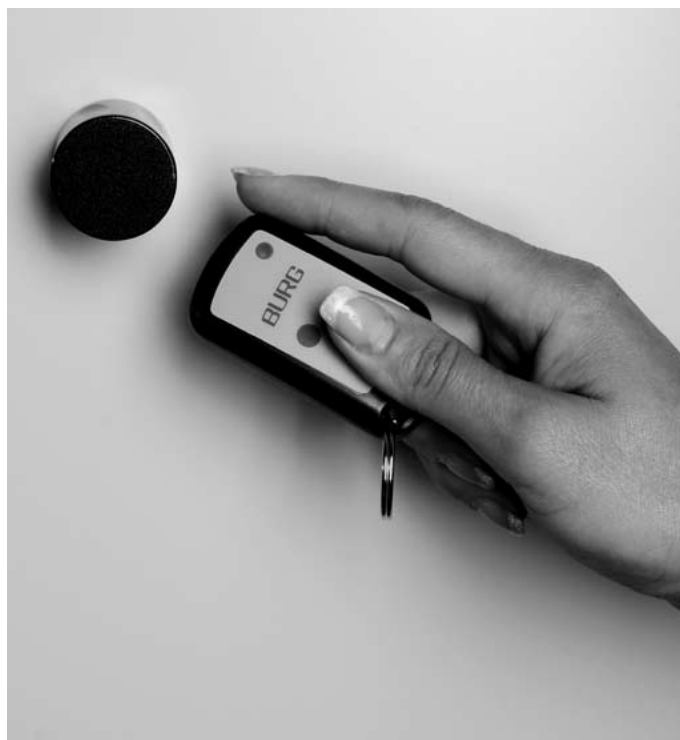
Product example



Radio transponder

Technology

- Extended electronic control of mechanical lock systems
- System is HS-capable
- Freely programmable radio distance up to 30 meters
- Battery warning
- Simple retrofitting or refitting



An overview of our electronic lock systems can be found on the Internet at: www.burg.de

Electronic Controls

Smart Open

Why carry around an entire keychain when only one already available key suffices, e.g. a car key or a cell phone. Smart open offers expanded lock system possibilities for the entire business: clearly defined access areas without the need for additional keys or transponders.

Product example



Smart Open

Technology

- Stored-program control, for example using car keys or cell phones, among others
- Alternative programmability within the RFID area
- Protection class IP 54
- Integrated battery warning and emergency opening system
- Simple to retrofit or refit



SimonsVoss

The transponder opens up to 48,000 lock systems. If lost or misplaced, the transponder can be blocked immediately. Modifications to the access authorization can be programmed quickly and flexibly. Maintenance and repairs are almost non-existent. Retrofitting or refitting possible.

Product example



SimonsVoss

Technology

- A digital transponder as a „key“ for all systems
- Active transponder technology
- Freely programmable
- Can be used with three independently operating lock systems
- Safe against wiretapping or falsifications
- Diverse models



Kaba

With the LEGIC Card you can expand your company's security. Each LEGIC identification card can be used for different applications such as for access control, paying cafeteria bills or even for using the department's copy machine. With the I-EG you can even integrate server rack security into this system.



LEGIC-Card

Technology

- LEGIC

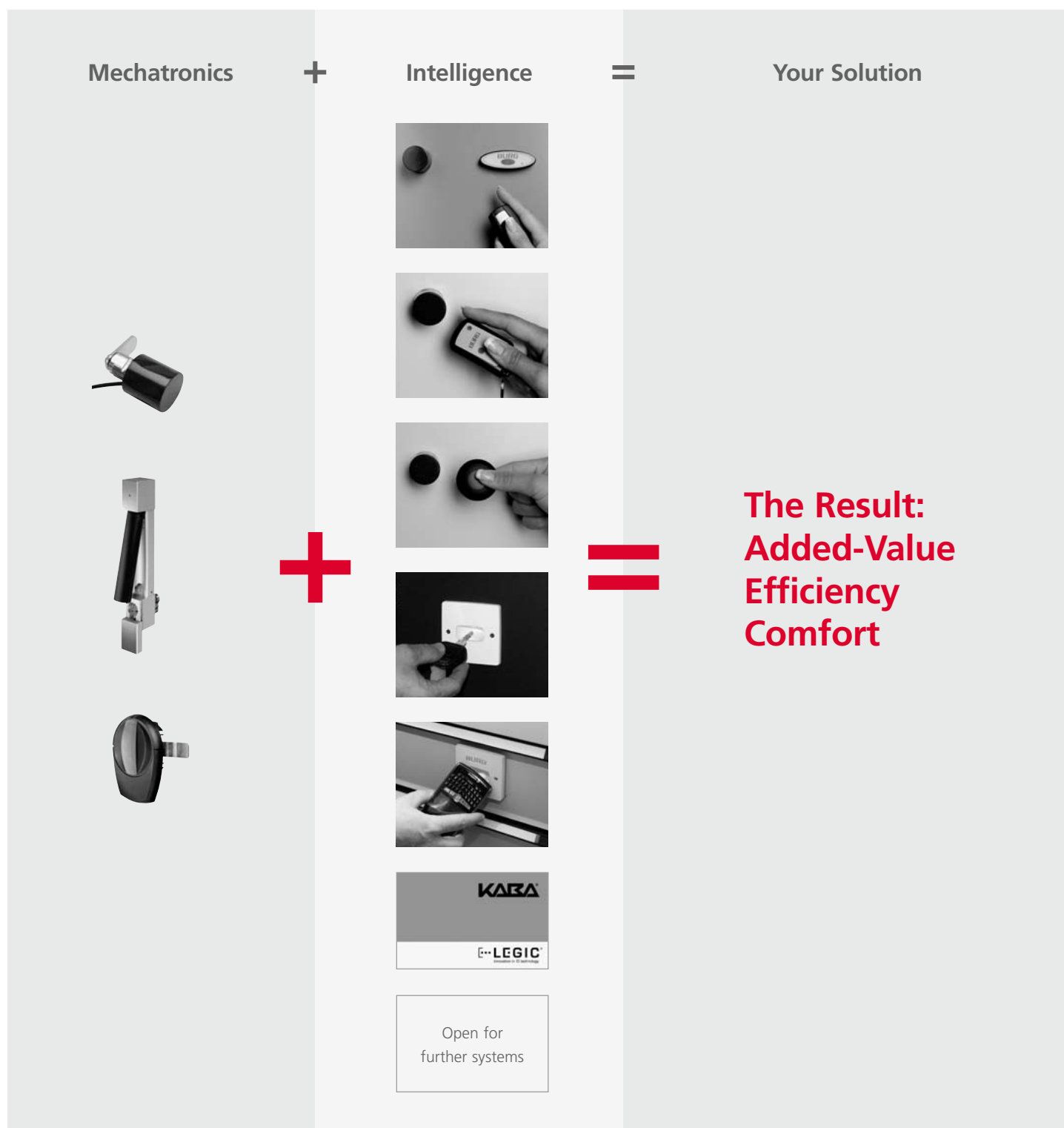


An overview of our electronic lock systems can be found on the Internet at: www.burg.de

Mechatronic Intelligence for Your Solutions

Added-Value, Efficiency and Comfort

You and your particular necessities and applications determine your solution and not the products of some catalogue. As such, you should expect answers for any specific questions you may have. With "the path determines the goal" as our motto, at BURG we guarantee you will find a large quantity of possibilities for the right application. Why should you settle for less?



Mechatronic Expertise

Examples of electronic solutions



Metal cabinets



Transportation systems



Metal lockers



Toolboxes



Server racks

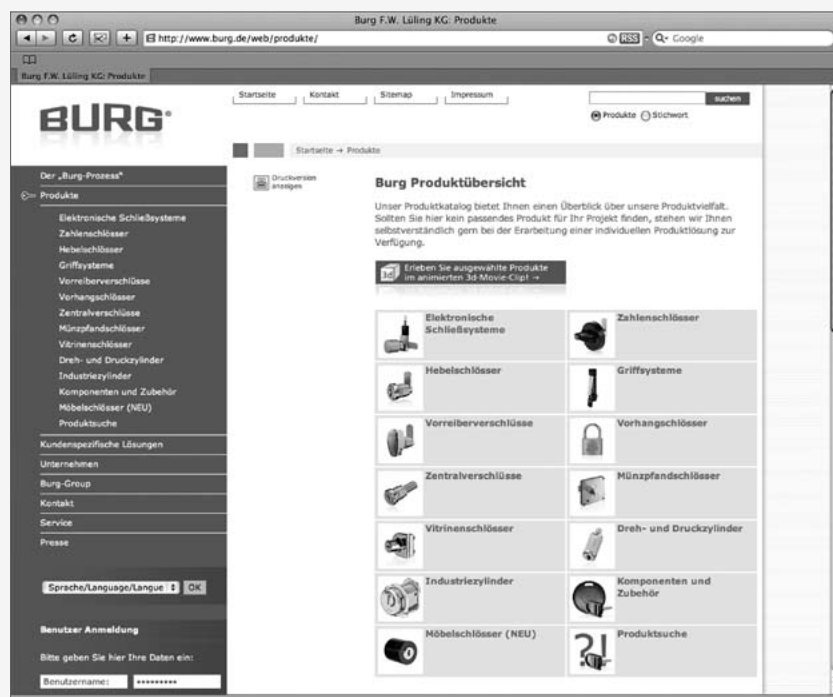


Metal and wooden fixtures

The complete BURG range,
technical information and examples
of customer-specific solutions
can be found at **www.burg.de**

Products

- Electronic controls
- Combination locks
- Cam locks
- Handle systems
- Sash locks
- Padlocks
- Central locks
- Coin deposit locks
- Glass door locks
- Push and Turn-slide cylinders
- Industrial cylinders
- Components and accessories
- Cabinet locks



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