


$$e = VC^2$$

VERSO CLIQ master key system:
Cleverness, that grows with you.

VERSO CLIQ

IKON
WE PROTECT VALUES

VERSO CLIQ is the name given to the sophisticated and technically perfected solution for mechatronic locking systems. Highly developed micro-electronics with intelligent data transfer have been integrated into an extremely secure mechanical locking cylinder system: VERSO. VERSO CLIQ offers security and flexibility. It is supplied as Plug and Play and does not need any cables or wiring. VERSO CLIQ is the economical solution for increasing requirements, system expansion, and changes in access authorisation or loss of keys.

see

VERSO CLIQ™ locking systems:
Secure closure. Open for changes.



*Reconstruction, expansion or reorganisation:
VERSO CLIQ is there for you.*

cure 2

VERSO CLIQ is as flexible as your company, your institution or your organisation ...

Locks and locking cylinders are expected to provide security. Locking systems are expected to deliver flexibility.

Either in companies or public institutions, universities or hospitals: flexibility is a necessity wherever there are changes being made within the organizational structure, changing of staff members, functionality or access authorisation.

VERSO CLIQ provides economical flexibility. VERSO CLIQ is the locking system meeting nearly all potential requirements. At the same time it keeps follow-on costs to a minimum.

Incidentally CLIQ is a joint development of the ASSA ABLOY Group. IKON has combined the CLIQ technology with a modern reversible key system to create VERSO CLIQ for the Central European market. CLIQ is a technology applied world-wide, which is protecting your investment in the long term, as all IKON products do.

Economical adaptation to new structures

The organisation of locking systems is becoming progressively more complex due to increasing and above all continually changing requirements. Team and project oriented institutions often need adaptability of access authorization. VERSO CLIQ meets this need by offering individual and timed programming of locking cylinders – without alteration, without upgrading and without retro-fitting of locking cylinders.

Access authorization can be set on a time schedule to grant access for temporary employees, engineers or external services.

Double security due to the combination of electronics and mechanics

Flexibility for the user may be very desirable but security remains the ultimate goal.

Due to its electronics this is another aspect in which VERSO CLIQ excels compared to traditional locking systems. The tried and tested million-fold, premium mechanical security provided by IKON locking systems is exponentiated by the CLIQ technology.

Encryption makes each and every key unique and copy proof giving potential intruders no chance at all.







Increase flexibility: **VERSO CLIQ.**

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A contribution to **economic success.**

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Lost your key? Keep smiling

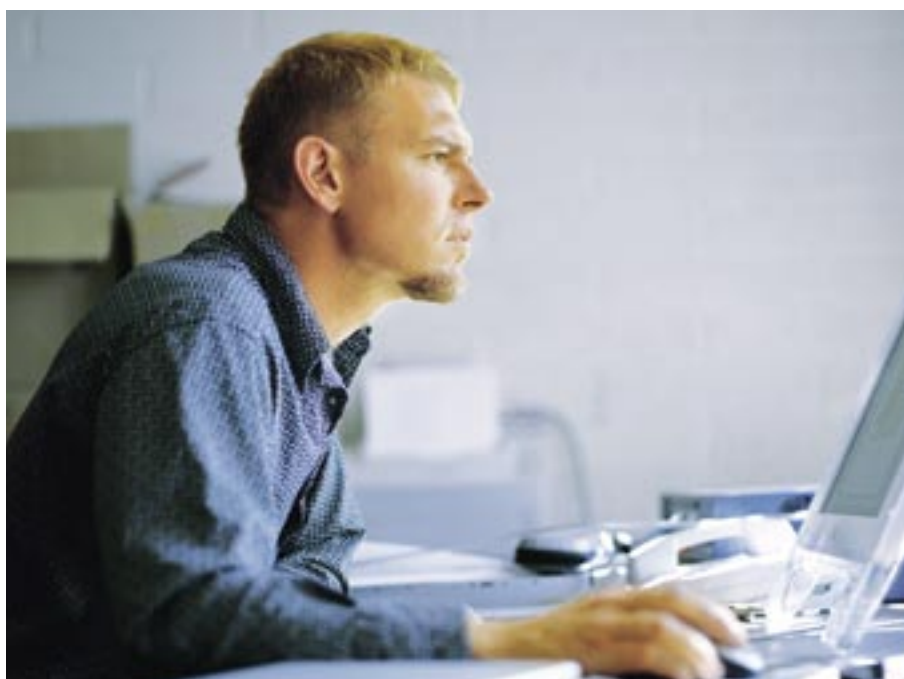
Keys can easily get lost in large organisations with many, frequently changing access authorisations. In terms of mechanical locking systems this means: high costs for new locking cylinders and new keys or a latent security risk.

In terms of VERSO CLIQ it means: delete the key from the programme and that's all! No security risk, no replacement of cylinders, no problems. Keep smiling.

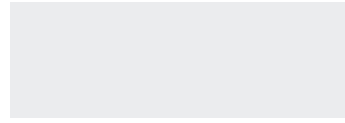
How to configure cost efficiency

VERSO CLIQ is not just a locking system; VERSO CLIQ is a highly intelligent problem- and system-solution that pays off with each and every move, organisational change, lost key and new configuration. VERSO CLIQ is a first-class investment in long-term cost effectiveness.

Combine mechanical cylinders with mechatronic VERSO CLIQ cylinders wherever the requirements of your locking system allow, thus making the acquisition an extremely cost efficient solution.



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→ www.alles-cliq.de

One key for everything.

Since VERSO CLIQ not only opens external and internal doors but also letter boxes, furniture, switching cabinets, padlocks and other locks it saves administration costs as well as space in your pocket. A single key replaces an entire bunch!



Technical University of Berlin
With over 300,000 students, even more doors and daily changes in terms of access authorization flexibility was the deciding factor.

Enjoy the one and only smiling key!

All these positive characteristics are sufficient reason for a satisfied smile. VERSO CLIQ demonstrates this to its users on a daily basis. It rewards authorised users wishing to pass through the appropriate door with a smile.



Freudenberger Research Institute.
IKON client since 1952. The innovative VERSO CLIQ concept convinced even the scientists at Freudenberg.



Klüber Lubrication
Since 1929 everything at Klüber revolves around lubricants; since 2004 VERSO CLIQ revolves in their locks. They were particularly impressed with the power supply method: simply change the standard battery in the key – and that is all!





Not only the figures look **friendly**.



Bosch Rexroth AG, Lohr am Main.
When organisational structures change, access control needs be adaptable – simply and quickly. Just like VERSO CLIQ.



Public utilities Oberursel:
Always on the safe side, even if a key may get lost. That convinced the Public Utilities.

FL
SI
FL

So many advantages and still so **uncomplicated.**

→ www.alles-cliq.de

Only the locking system administrator has this red programming key.



VERSO CLIQ is the key to saving time.

With VERSO CLIQ moving or lost keys do not create work or worries. Whereas moving staff or departments used to mean a laborious exchange and replacement of locking cylinders. Costs and efforts used to be necessary each time a key was lost. VERSO CLIQ allows you to address these scenarios easily and quickly:

Instead of re-ordering, exchanging and replacing simply re-programme. The cylinder remains where it should be: in the lock. All you need is the programming device and the red programming key.

The programme 'CLIQ Manager' supports the administration of keys in circulation giving you information who is in possession of which key and corresponding access authority.

EXIBILITY///ECONOMICAL
MPLICITY///SAVE TIME///VARIETY
EXIBILITY///SWIFTNESS



The battery is located in the key head, not in the cylinder. The change of battery is so simple, a child could do it.

The visitor key.

VERSO CLIQ offers an attractive extra for short term key use by service engineers or visitors for example: the 'guest' key. Access is controlled in terms of time and area and independently from the locking cylinder.

VERSO CLIQ functions without wiring. Immediately.

Mechatronic sounds more complicated than it is. At least as far as VERSO CLIQ is concerned. Power supply as well as communication with the locking cylinder emanates from the key. No cables, no wiring, no mess. The key has only one single battery, which can be exchanged in an instant. VERSO CLIQ leaves the factory already programmed to your specification. That is plug & play at its best.



All components. Including a smile.

Less is more.

The distinguishing feature of an intelligent system is that it consists of few components:

- Mechanronic keys in versions E1 basic, E2 time, E3 guest, B1 beluga
- Two types of mechatronic locking cylinders
- Programming key
- Programming device
- Management software CLIQ Manager
- Mechanical keys and locking cylinders

Performance features common to all mechatronic VERSO CLIQ keys

- With unique and locking system encoding
- Multifunctional LCD display provides information regarding access authorisation, time zone and battery status
- Reversible key fits always, regardless of how it is inserted into the cylinder
- Integrated standard battery (lithium cell CR 2025) for approx. 20.000 locking cycles (battery life approx. 2 years)
- Splash-proof key
- Available in versions E1 basic, E2 time, E3 guest, B1 beluga

VERSO CLIQ key E1 basic.

- Suitable for allocating locking authorisation according to the area, for example: for full-time staff

VERSO CLIQ key E2 time.

- Suitable for allocating access authorisation according to the area and time, for example: maintenance and part-time staff.
- Memory log has a capacity for up to 100 locking events.

VERSO CLIQ key E3 guest.

- Programmable for temporary allocation of locking authorisations according to area and time for example: visitors, technicians, construction workers etc.
- Highly intelligent memory function enables programming of the key
- Recognised by each VERSO CLIQ locking cylinder within the system
- Time function and memory log has a capacity for up to 1000 audit trail.
- Memory for up to 1,500 cylinder authorisations

VERSO CLIQ key B1 beluga.

- Designed for exterior storage as for example in the fire brigade safe
- Temperature range -30° C bis +50° C
- Waterproof (rating IP67)
- Extra long-life battery for approx. 20,000 locking cycles (battery life approx. 5 years)
- All E1 basic functions

VERSO CLIQ Programming key.

- Transfers up to 1,500 programming instructions to the locking cylinders.
- Audit trail of up to 2,000 events from the locking cylinders
- Without locking function

■ VERSO CLIQ User key



■ VERSO CLIQ programming key



■ VERSO CLIQ key B1 beluga



■ VERSO CLIQ with transponder chip



Features of the electromechanical VERSO CLIQ key.

	Code	Time function / Audit trail	Programmable
E1 basic	X		
E2 time	X	X	
E3 guest	X	X	X

Features of the electromechanical VERSO CLIQ key.

	Locking cylinder E1	Locking cylinder E2
Authorization	100 memory places for individual keys and groups (each group up to 65000 keys)	1000 memory places for individual keys and groups (each group up to 65000 keys)
Locking functions	up to 100 keys	up to 1500 keys
Audit trail	up to 50 events	up to 750 events

Performance features common to all VERSO CLIQ locking cylinders.

- Highest level of intrusion protection due to mechanical tumblers and blocking brackets
- Combination of mechanical and mechatronic cylinder halves possible
- Great variety of cylinder types
- Optional: increased drill protection
- Optional: security device and user key
- Optional: freewheeling, even 360°
- Locking by means of up to 12 mechanical tumblers and two blocking brackets

Performance features of mechatronic VERSO CLIQ locking cylinders

- Integrated memory chip to save access authorization and locking cycles.
- Available in 2 memory sizes (E1 and E2) as per table.
- With unique and locking system encoding

Management software CLIQ Manager.

- Administration of mechatronic VERSO CLIQ locking systems.
- Programming of locking authorisations.
- Specification of time zones.
- User-friendly MS Outlook based menu structure.
- Clear presentation of lists.

VERSO CLIQ Programming device.

- Intermediary function between CLIQ Manager and programming key for encoded data transfer.
- The device is used to read out from mechatronic user keys E2 time and E3 guest.
- Programming of mechatronic VERSO CLIQ E3 guest keys.
- Serial COM connection and USB Port

■ CLIQ Manager programming and administration software.

■ The programming device: smaller as A5 format



■ VERSO CLIQ double cylinder



■ The optional rain and dust cap protects the exterior cylinder against wind and weather.





Flexible means variable solutions based on a modular system.

Each VERSO cylinder can be adapted to the thickness of the door leaf since the system is modular. The new modular system allows for the adjustment of existing mechanical and mechatronic profile cylinders as well. This flexibility is another contribution by IKON to render your security technology more cost efficient.

In terms of VERSO CLIQ mechatronic means: mechanical aspects included.

VERSO CLIQ is able to replace mechanical locking systems in every aspect and without restrictions. All specifications – such as free wheeling, special keyways, lockable on both sides and drill protection – are applicable to the relevant cylinder types. VERSO CLIQ even caters for the combination of mechanical and mechatronic cylinder halves.

Multiple approval and certifications.

VERSO CLIQ has been approved and certified by VdS, DIN, BSI and SKG. There is also a version suitable for potentially explosive areas, which are mainly used by producers of electricity, research institutes and certain business enterprises.



Fit for transponder.

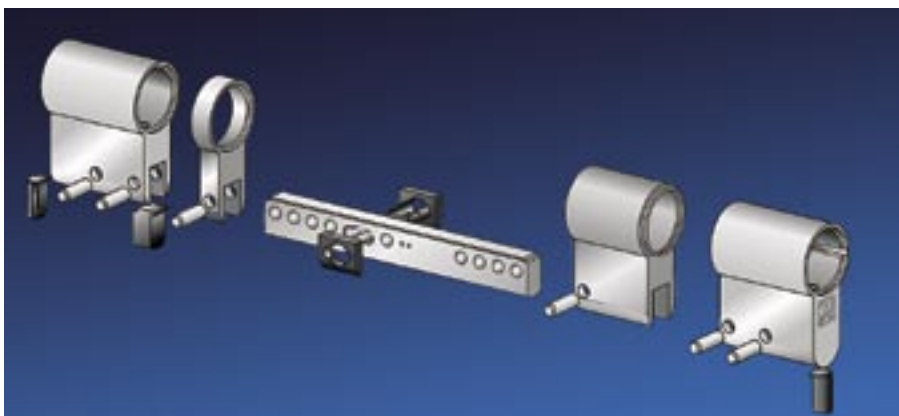
New: VERSO CLIQ keys are also available with integrated transponder chip (available in Legic or Mifare).

This means they can also be used as contact-free identification media for transponder-based systems such as the comprehensive effeff system solution OPENDO offering access control, time recording, cashless payments and parking area management, also by ASSA ABLOY.

RFID

VERSO CLIQ also available with transponder chip

The length of VERSO CLIQ locking cylinders is adaptable due to the modular system



Extract of the comprehensive product
range: double cylinder, half cylinder,
knob cylinder, padlock,
furniture lock, locking lever cylinder
(from top)

**Suitable for all locks, all doors
and all circumstances.**

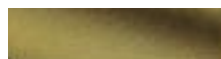
VERSO CLIQ offers a comprehensive product range, unparalleled amongst mechatronic locking systems. Suitable for doors and gates, garage doors, letter boxes, wardrobes, desks and switching cabinets. Whatever you are looking for – you will find it at ASSA ABLOY.

Appearances are important too.

IKON locking systems can be customized to suit the doors. You determine the appearance of each side of the cylinder according to your preference. You can choose between various finishes:



satin nickel plated



satin brushed



polished brass



satin chrome

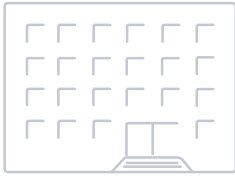


bay-coloured

Colours may deviate from the
original as a result of printing.



You have seen some reference projects here. In addition to industrial enterprises there are also public buildings such as the Technical University of Berlin and the Police Headquarters Hamburg illustrated below. VERSO CLIQ is also the right solution for schools, industrial corporations, hospitals, courthouses and town halls, nurseries and doctors' surgeries. Even for residential properties where additional security, flexibility and a smile are required.



References:
VERSO CLIQ always fits.



*Police Headquarters Hamburg
VERSO CLIQ is the perfect solution due to the
particularly high security requirements.*





Henkell & Söhnlein Sektkellerei KG (producers of sparkling wine)
In industry cost efficiency counts. This also applies to Henkell, where the loss of important keys was going against the flow of productivity. (top left)

Clinic Bad Bevensen
The demands on the clinic are ever increasing. VERSO CLIQ is ideally suited to this development. (bottom left)

BorgWarner Turbo Systems GmbH.
Approximately 2000 staff manufactures turbochargers for the automotive industry in a dozen buildings. Here VERSO CLIQ is the ideal comprehensive yet flexible solution.



Safe doors.

Safe houses.

Safe apartments.

Safe apartment complexes.

Safe garages.

Safe windows.

Safe letter boxes.

Be safe.

Safe offices.

Safe production.

Safe airports.

Safe department stores.

Safe hospitals.

Safe town halls.

Safe power stations.

Safe valuables.

Innovation.

Reliability.

Quality.

Know-how.

Flexibility.

Efficiency.

Service.

Security.

IKON, founded as ZEISS IKON AG in 1926, is one of the leading manufacturers of locking cylinders, locks and locking systems in Germany. Our products and solutions are manufactured to state-of-the-art technological standards and include mechatronical locking cylinders, access control systems, panic exit devices, door fittings and door closers, along with numerous additional locks and securing devices. They protect both people and values.

effeff, established in 1936 as a precision engineering and electrical engineering factory, has become the global market leader in the field of electromechanical locking device technology through the implementation of a consistent product policy. Electrical door openers, electrical bolts, safety locks, access control systems, electrical magnets, rescue route technology, revolving door drives, automatic door arrester systems and control elements are among the products that effeff, based in Albstadt, Germany, exports today to 75 countries around the globe.

The company ASSA ABLOY Sicherheitstechnik GmbH. The brands IKON and effeff are developed, produced and offered from one company since 2005, perfectly complimenting the two different product ranges produced. This enables us to offer our customers comprehensive and complex solutions for private, commercial and public sectors.

ASSA ABLOY is the world's leading manufacturer and supplier of locking system solutions and security systems. Our aim is to meet individual requirements when it comes to safety, security and comfort. With approx. 30.000 employees the group reaches annual sales of circa 3 billion Euro.

→ www.alles-cliq.de

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