

# ABLOY® PROTEC<sup>2</sup>

## THE ULTIMATE LOCKING SOLUTION



**ABLOY® PROTEC<sup>2</sup>** is the latest milestone in the development of the unique **ABLOY®** rotating disc cylinder keying systems that offers several unsurpassed and superior security features and benefits.

## PROFESSIONAL SOLUTIONS FOR ULTIMATE HIGH SECURITY NEEDS

The world is challenged by mounting security threats in every conceivable sector. Our mission is to meet these challenges and to provide complete locking solutions for the 21st century's marketplace. **ABLOY® PROTEC<sup>2</sup>** is one more milestone in that mission.

**ABLOY®** locks and cylinders are chosen worldwide for highly sensitive applications. They are recognised as the world's premium high security locking systems, used extensively by private, commercial and government end users who demand the ultimate in high security.

Security solutions may vary at different premises according to their size and type of business. But the need for high security system solutions is universal. As an example, the world is dependent on water, electricity and communications networks. Security in these utilities is essential for our well being and therefore their protection is vital.

A growing number of applications depend upon the ability to deliver their services 24/7. Any break or interruption to their service caused by vandalism or physical attack can prove devastating for the security, health, financial costs and reputation of a facility or an enterprise. Combining safety, security and convenience is a challenging task so the quality, design and functionality of the locking system must meet those challenges.

Security threats are not static, nor are the solutions. **ABLOY** has extensive experience and expertise in the field of high security locking systems and we can offer you highly secure and customized solutions.

### Secure in every way

In an **ABLOY® PROTEC<sup>2</sup>** locking system, different products can be keyed into the same master key system and thus all products can be operated with just a single key. This simplifies your locking system and key management. The range is wide, there are 1,97 billion different key combinations providing the possibility to create extensive Master Key systems that fulfil your exact specifications.

**ABLOY® PROTEC<sup>2</sup>** is durable and long lasting thanks to its superior design and precision manufacturing. The unique and patented rotating disc technology provides smooth and reliable functionality also in extreme environments.

**ABLOY® PROTEC<sup>2</sup>** can be integrated with electromechanical **CLIQ**-technology. This electromechanical system is intelligent and highly customizable. It enables flexible and secure access management, including time functions, into your daily operations. And in case of a lost or stolen key it can easily be electronically removed. Both the cylinders and keys collect audit trail of use. **CLIQ** makes things click. It lifts your locking security to a whole new level.



# ABLOY® PROTEC<sup>2</sup>

## WE HAVE ONLY ONE MISSION – TO OFFER YOU THE ULTIMATE IN HIGH SECURITY PROTECTION

The patented technology in **ABLOY® PROTEC<sup>2</sup>** is superior and it exceeds the highest industry standards. Our worldwide team of security professionals can help you design a system that is right for you.

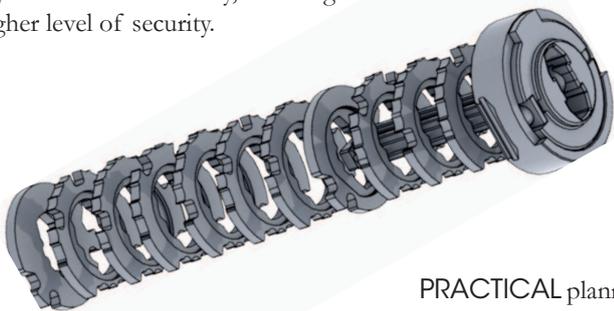
The **UNIQUE ABLOY®** cylinder mechanism, based on the use of **rotating discs** instead of the traditional springs and pins, is known widely by security professionals as the world's **PREMIUM** high security locking system. **ABLOY® PROTEC<sup>2</sup>** is the latest development of this unique technology which offers numerous **UNSURPASSED** features and benefits over conventional locking products.





PATENTED features in keys and cylinders assure that the installations will be protected for many years to come. **ABLOY® PROTEC<sup>2</sup> worldwide patents are valid until 2031.**

SECURE level has been further improved in **ABLOY® PROTEC<sup>2</sup>** by a new disc controller and key design. **This patented disc controller structure requires a moving element in the key** to mate with the cylinder internally in order to function, thus raising the difficulty of any attempt to copy an unauthorised key, reaching a new higher level of security.



LONGEVITY is further reinforced with our **new patented feature, AWS (Anti Wear System)** which is a mechanism in the **ABLOY® PROTEC<sup>2</sup>** key and cylinder that prolongs the life cycle even in extensive use applications.

CONTROLLED distribution of **ABLOY® PROTEC<sup>2</sup> key blanks** and the use of different security levels and profiles ensures the highest level of key control tailored to your exact needs.

PROFESSIONAL design makes **ABLOY® PROTEC<sup>2</sup> cylinders virtually pick proof and bump proof. DBS (Disc Blocking System) is a patented feature** that stops attempts to manipulate the discs.

SUPERIOR master keying features are offered based on our vast number of different key combinations. In **ABLOY® PROTEC<sup>2</sup>** locking systems, different products can be keyed into the same master system with all products being operated with a single key.

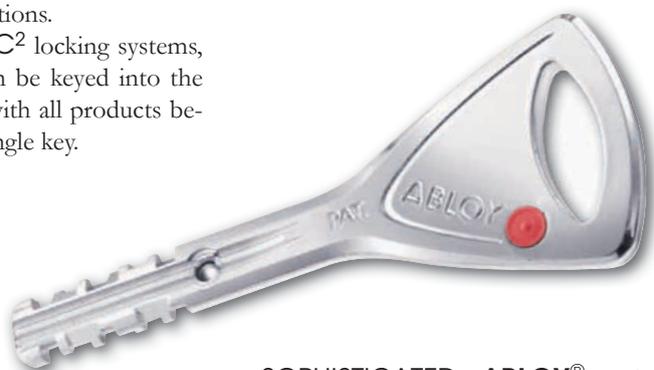
PRACTICAL planning of your master key system is possible along with the ability to incorporate multi level systems each with unique access rights for different user groups.

EXPANDABLE locking systems can be designed to cover large and extensive facilities.

UPGRADEABLE system may combine a mechanical master key system with electromechanical functions.

ULTIMATE high security features can be further enhanced by integrating the intelligent **CLIQ** technology with the mechanical **ABLOY® PROTEC<sup>2</sup>** master key system to utilise both mechanical and electronic identification. Communication is encrypted. Cylinders and keys can record the audit trail of their use. Adding and denying access rights is easy, flexible and secure.

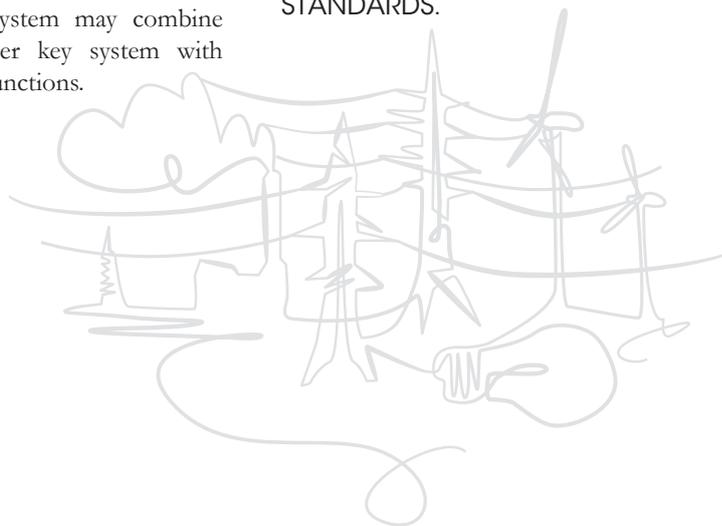
DURABLE design without springs and pins provides **RELIABLE** function in severe environments.



SOPHISTICATED **ABLOY®** software provides a user friendly tool to facilitate the easy administration of the locking system.

EXTENSIVE PRODUCT RANGE of **ABLOY® PROTEC<sup>2</sup>** means that we can secure numerous applications from door environments to industrial applications and equipment.

**ABLOY® PROTEC<sup>2</sup>** offers a global solution. Products are designed and manufactured to **MEET** and **EXCEED** requirements of several international, national and customer specific **STANDARDS.**



# ABLOY® PROTEC<sup>2</sup>

## ONE CORE, WIDE PRODUCT RANGE

**ABLOY®** PROTEC<sup>2</sup> meets and exceeds requirements of several international, national and customer specific standards and requirements. With an extensive product range, **ABLOY®** PROTEC<sup>2</sup> provides a global solution.

While the core of the cylinder remains the same, the outer covering can be changed to meet the requirements of the specific application.

## Superior quality for superior demands

**ABLOY®** locks and cylinders are chosen worldwide for sensitive applications in the most exposed locations, continually defying the elements, on land and sea, in the coldest and the hottest of climates. **ABLOY®** products are selected as the first choice of the professionals in countless applications all around the world.

Our clients trust us.

**ABLOY** professional high security solutions are used worldwide in:

- Governmental and institutional applications
- Utilities
- Telecommunication applications
- Industrial plants
- Education
- Healthcare
- Museums and Heritage
- Corporate applications
- Transportation
- And many more





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## ABLOY HAS A KEY-ROLE IN THE WORLDWIDE SECURITY

We have over 100 years experience and expertise in the field of high security locking products. Ever since its' invention **ABLOY®** has been at the highest level of the lock Industry.

The driving force behind every part of **ABLOY** is a commitment to provide reliable service together with the highest quality products for any given application worldwide. **ABLOY®** products are result of continuous R & D, testing and ability to understand and solve our customers' highest security needs.

Abloy Oy has a world-wide network of sales units and distributors. They have extensive knowledge of **ABLOY®** products and can provide you the best local service and expertise.

Please contact us. Our professional team is here to help you.

**All ABLOY® cylinder products are designed and manufactured in Finland.**



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