



Utimaco – Creating Trust in the Digital Society

Creating Trust in
the Digital Society



Utimaco – How it all began?

“Over the past five years, I have had the privilege of witnessing the development of Utimaco up close: first as Chairman of the Advisory Board, and since January 2019 as Utimaco’s CEO.

During that time, our company has grown at a fast pace – revenue, production volumes and the number of employees have all been increasing significantly, and our global presence has expanded considerably.

This success is the result of a team effort building on the strengths of a highly specialized sophisticated solution portfolio enhanced by strategic acquisitions. And success is not only measured in numbers: Utimaco has been a reliable European trust anchor in the Cybersecurity Industry for 40 years now. In this brochure, we will look at our company in more detail, but first, let me describe what makes Utimaco tick.”



Utimaco's CEO Stefan Auerbach

“ Our mission is “Creating Trust in the Digital Society”. This includes looking into the future to anticipate tomorrow’s security challenges. ”



Celebrating 40 Years Utimaco Anniversary



Dr. Horst Görtz on the right, shaking hands with current CEO, Stefan Auerbach



This year, Utimaco is celebrating 40 years in IT security! Let’s look back together at the milestones that have led us to the Utimaco of today. A big “Thank You” to all our employees, customers, and partners with whom we will continue to create trust.

1983



Dr. Horst Görtz acquired a computer center company and founded Utimaco Software GmbH

1986



Introduction of the PC-based data security system SAFE-MEN at CeBIT (which will evolve into SAFE-GUARD)

1989



Introduction of SAFE-Board, used for hard disk and data transmission encryption under the Data Encryption Standard code (DES)

1999



Acquisition of the operating business of KryptoKom GmbH in Aachen. IPO as Utimaco Safeware AG

1994



KryptoKom developed the **first LIMS**

1991



Birth of KryptoServer – the first Hardware Security Module (HSM) developed and manufactured in Germany by KryptoKom



2002
Focus on business units **Personal Device Security (PDS)**, **Digital Transaction Security (DTS)** and the system house for **customer-specific security service**

2007



Launch of **SafeGuard Enterprise security suite**

2012



De-listing from stock market. **Transfer of several divisions** of Utimaco Safeware AG to Sophos GmbH

2018
M&A: Payment HSM **Atalla**



2021



M&A: PKI, IoT & Prof. Services **exceed Secure Solutions**
M&A: HSM & PKI **realsec**

2020



M&A: Key management **GEOBRIDGE**
M&A: Cloud HSM **MYHSM**

2018



New product innovations for **post quantum cryptography and cloud**

2022



M&A: PWS & CBC **Celltick**

2022



Utimaco reached a **revenue of €100 million** and **employed 500 people** overall

2023



M&A: u.trust Data File & LAN Crypt **conpal**

Utimaco at a glance

For 40 years, Utimaco has been a global market leader and industry partner for cybersecurity, compliance solutions and services. We design and manufacture on-premise and cloud-based hardware security modules, key management, data protection and identity management solutions, and data intelligence solutions for regulated critical infrastructure and public warning systems. Around the world, Utimaco solutions contribute to making communication secure and protecting the growing amount of data in our society from dangers in cyberspace.



40 in Cybersecurity
utimaco
YEARS



550+
Highly Skilled Experts



Banking and Financial Services



Telecommunications



Cloud Service Providers



Manufacturing and IOT



Government and Public Services



Automotive and Integrated Mobility



eHealth



Energy and Utilities



Retail




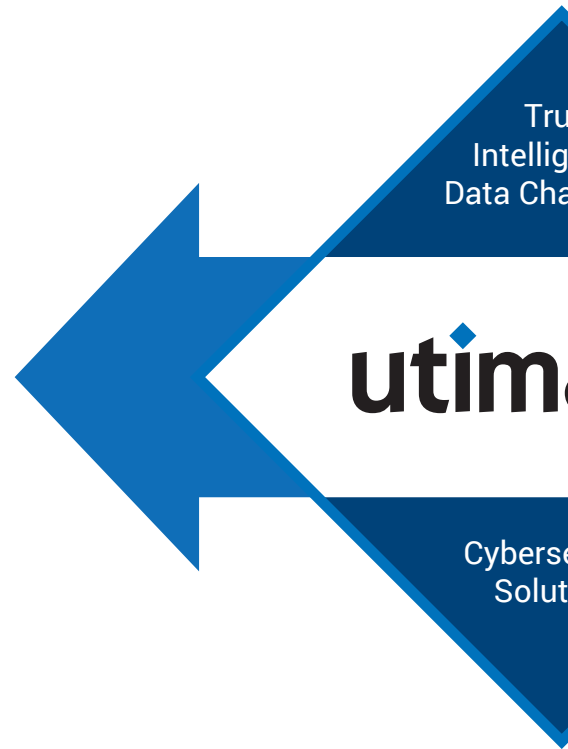
Media and Entertainment



Insurance




Lottery and Gambling





€100M
Revenue in FY2022

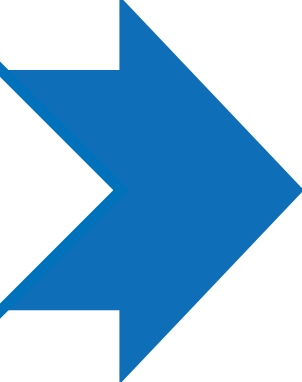


Leader
in Cybersecurity and Trust intelligence





Our solutions and products are highly secure and highly reliable. They fully meet the applicable legal requirements and industry standards and protect against unauthorized access, data loss and manipulation. In this way **we guarantee the highest level of data integrity and data protection and thus help our customers to be able to provide secure solutions.**

<p>3300+ Customers</p>	 <p>TaaS Pioneer</p>	 <p>42 Nationalities</p>
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utimaco[®]

IDENTIFY	PROTECT	WARN
Digital Identity and Data Protection	Lawful Interception and Data Retention	Emergency Mass Notification System
Hardware Security Modules (HSM)	LIMS	Public Warning Systems (PWS)
Key Management	DRS	Critical Event Management (CEM)
PKI	5G IDA	Mobile Alerting
Data Protection	LITS	Innovations
Trust-as-a-Service		
Crypto Agility		

<p>150+ Partners</p>	 <p>Named Overall Leader by ABI Research</p>	 <p>45 Languages</p>
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Global Presence to support you

Utimaco is positioned worldwide with 10 locations in Europe, USA and Southeast Asia. With our selected and qualified partners in many countries, we are able to support our customers globally. More than **550+ excellently trained employees** worldwide develop innovative security solutions and services with which we protect the data, identities, networks and applications of our customers and many citizens.



Diversity and internationality
are the key to our success

Utimaco solutions are used where security and trust are paramount for our customers. **Our high-security technologies help to make data and networks more secure in numerous system-critical industries and future-oriented sectors worldwide:** from cloud services to smart meters and IoT, for the communications and healthcare sectors as well as for authorities and banking and financial service providers.



Welcome to our Uiverse!

If you are looking for reliable cybersecurity or lawful interception solutions, look no further. Utimaco integrates them into an ever-expanding Uiverse of industries and applications to help achieve compliance with laws and regulations.

Banking and Financial Services

Delivering Security in a rapidly changing world

Banking and financial institutions have some of the most demanding industry IT compliance requirements. And as digitization increases, so does the complexity of cyber-attacks. Data theft, phishing, social engineering, insider attacks, and cloud-based cybersecurity threats are only a few examples. Given the severe consequences of a security breach, it is critical for banks to build on reliable and proven cryptographic cybersecurity solutions.



Telecommunications

Assuring secure mobile networks for trusted communication

In an increasingly connected and data-driven world, telecommunications providers need to simultaneously tackle the challenge of delivering robust, reliable, and future-proof networks and infrastructures, as well as secure communication channels and consumer privacy.



Manufacturing and IOT

**Security by Design –
End-to-end data and IoT devices
protection throughout the
manufacturing process**

Data and IoT devices play a vital role in transforming manufacturing processes, although they present significant cybersecurity challenges. Industrial IoT requires a continuous chain of trust that provides adequate levels of security without restricting data exchange, IoT device identity management, and overall identity and access management in manufacturing areas.

Government and Public Services

**Securing internal processes
and external service channels in
Government and Public Sector**

Public authorities digitally transform their services to increase efficiency and citizen satisfaction. These services range from government identity cards through to electronic voting, taxation and health care records; and need to be digitally protected.





Cloud Service Providers

Complete Security for Cloud and Cloud Services

The adoption of cloud and cloud-based services continues to be a significant trend throughout all industries. A core objective for all parties involved is in making the cloud, as well as data and applications stored or hosted in the cloud, as secure as on-premises.

Automotive and Integrated Mobility

Connecting and Securing your Journey

The automotive industry is radically changing from standard vehicles to more software-driven vehicles alongside industry disruptions such as autonomous, electric, connected, and shared mobility. As the complexity of cyber-attacks intensifies, security risks for the entire automotive industry have become elevated, with the requirement for stringent security measures.



eHealth

Building trust across the complete eHealth environment

Digital transformation in healthcare has led to innovations such as telemedicine and remote patient monitoring. Ensuring that the connected environments across hospitals, doctor's surgeries, medical insurance companies, and further stakeholders are securely protected, is just as important as protecting the patient data itself.



Energy and Utilities

Securing the digital Energy and Utility infrastructure across all endpoints

All over the world, heavy investments are made to transform the Energy and Utility sector into a digital, intelligent, innovative, and sustainable ecosystem. As a fundamental resource for today's way of life, its infrastructures need to be extremely secure against different types of cyber-attacks.

Retail

Utimaco's Payment Hardware Security modules work as a root of trust

Retailers store and process a large amount of sensitive customer data and confidential information, including Personal Identifiable Information (PII), financial credentials, usernames and passwords, making them extremely vulnerable to cyber-crimes.



Media and Entertainment

Fighting piracy, and ensuring secure and flexible delivery options for subscribers are key motivators for the media industry

Media and entertainment content is being created and consumed at a pace the entertainment industry has never seen before.

Keeping high value content safe – whether in the cloud or on premises – is now a top priority for media and entertainment professionals.



Insurance

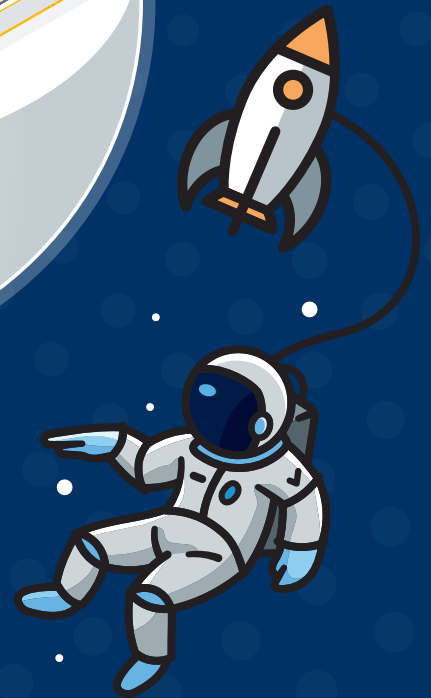
Digital Security for the Insurance Market

Accelerated by the megatrend of digitization, Insurance companies and their various stakeholders have made huge investments in digital processes and modernizing their systems.

As a market where reliability and trustworthiness are essential, digital environments require adequate protection.



Discover more:
utimaco.com/utiverse



Lottery and Gambling

Enabling secure processes for the Lottery and Gambling industry

Lottery and gambling are now primarily online. As operators handle sensitive personal and financial data, cyber criminals are increasingly targeting this area, seeking to exploit vulnerabilities in digital processes such as registration, money transfers, and payouts. Cybersecurity requirements are therefore high, not only to prevent data breaches, but also to protect minors and combat money laundering.





True
Intellig
Data Cha

utim

Cybers
Solut

Endless opportunities

The use case applications of our technologies are as endless as the current and future deployment opportunities of digital IOT endpoints. Once every "thing" is connected, it needs to be identified and the data communication from and to the device needs to be secured.

Check out some of those opportunities.



ust
gence/
anneling

aco[®]

ecurity
itions



Quantum Safe and
Key Distribution

Electronic
Crime Prevention



Telco



Security
Camera



Harbour
control



Data
Mediation



Cloud
Protection

Smart Energy
(Power, Water...)



Smart Home
(Lock, bulb, plug)



Smart Traffic
Management



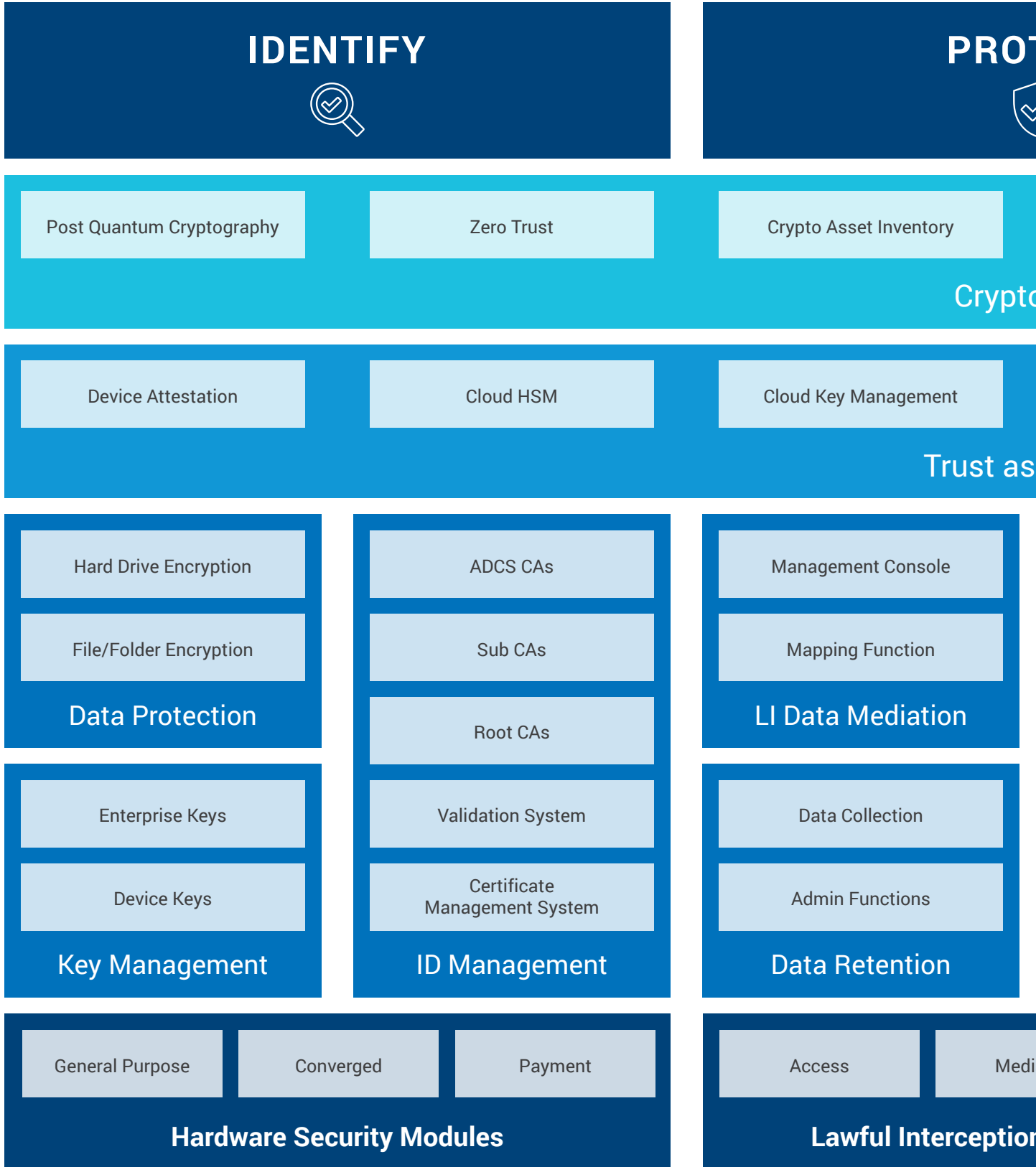
Self Driving
Cars



Industrial Control
and Automation



Get to know Utimaco's Cyber Security & Compliance Solutions



Utimaco is a global platform provider of trusted **Cybersecurity and Compliance solutions and services**. We develop on-premises and cloud-based hardware security modules, solutions for key management, data protection and identity management as well as data intelligence solutions for regulated critical infrastructures and Public Warning Systems.

PROTECT



WARN



Operational Agility

- Compliance
- Assurance
- Auditability

Cloud Service

- File/Folder Encryption
- Electronic Timestamps
- Electronic Signatures

Interface Testing

- End-to-end Testing
- LI Standard Compliance Verification

Critical Event

- Prepare – Protect – Restore
- Event Response Initiation and Management

Public Warning

- Real-time Alerts
- Alert Control and Management

Mobile Alerting

- SIM Alert
- Location Based SMS
- Cell Broadcast

Information and Data Retention

- Information
- Collection

Emergency Mass Notification System

- Public Warning
- Cell Broadcast



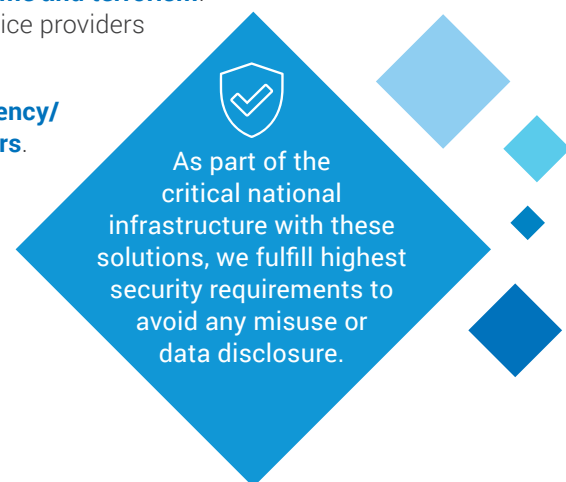
Compliance Solutions for Telecommunications

Telecommunication providers, as an important part of the critical infrastructures, need to **assure security and trusted communication for their subscribers, customers, and stakeholders**.

In addition to ensuring secure networks, providers of public telecommunication services **are required to support law enforcement agencies in their fight against crime and terrorism**. To meet these obligations, network operators and telecommunications service providers must implement interception facilities in their networks.

Moreover, **our world-leading products provide powerful and instant emergency/commercial notifications in over 20 countries with more than 1 billion users**.

We are a global leader of Public Warning Systems (PWS), Mass Notification Systems and the world largest CBC (Cell Broadcast Center) provider.



LIMS – Lawful Interception Management System

Lawful interception (LI) refers to the legally approved surveillance of telecommunication services. It has become an important tool for law enforcement and intelligence agencies around the world for investigating and prosecuting criminal activities and terrorist operations.

Most countries have passed laws requiring telecommunication service providers to assist law enforcement agencies (LEAs) with duly authorized requests to identify, monitor, and deliver electronic communication of individuals. There are also national regulatory authorities and international standardization bodies that together define the technical framework for legal interception.

Key features to serve customer needs



Full compliance to legal requirements and regulations



Easy deployment, prevent misuse and fully auditable



Efficient and high security standards



All communication services and data records, future prove

Products

[Discover more](#)



Utimaco

Lawful Interception Management System

Utimaco LIMS is a carrier-grade and industry-leading solution that assists telecommunication service providers in complying with electronic surveillance law enforcement orders.



Utimaco

Lawful Interception Access Points

Lawful Interception Management System (LIMS) Access Points can be used for targeted interception as well as for the generation of IP data records (IPDRs) for a large range of communications services.



Utimaco

Lawful Interception Test Suite – LITS

The Utimaco LI Test Suite has been designed to test monitoring facilities by simulating real-time LI traffic without the need for a real network and user devices.



Utimaco

Lawful Interception for VoLTE Roaming – LMISF-S8HR

Utimaco's LMISF-S8HR solution provides a 3GPP-compliant and cost-effective solution to enable lawful interception of VoLTE and Vo5G in roaming networks.



Utimaco

5G ID Associator

Utimaco's 5G ID Associator supports network element vendors and operators in achieving 3GPP standards.



Utimaco

IP Mediator

Utimaco IP Mediator enables network operators to get access to IP traffic data to fulfill LEA requirements, following ETSI standards.



Utimaco

Handover Interface Test Tool – HI-TT

The Utimaco Handover Interface-Test Tool is an additional software utility for the Utimaco LIMS. It allows LIMS system administrators to verify the correct syntax and content of IRI messages and HI-1 notifications, received over standards-based HI-1 and HI-2 interfaces.

DRS – Data Retention System

Telecom data retention is the process of preserving all traffic and subscriber data for various telecommunications services for a period of months and years. However, this data does not include the content of a communication.

Access to retained telecom data is seen by law enforcement agencies and intelligence services as a critical component of modern crime investigation and terrorism prevention.

Retained electronic data is frequently utilized to identify and trace suspects, uncover terrorists' social networks, and gather admissible evidence for court proceedings.

Products

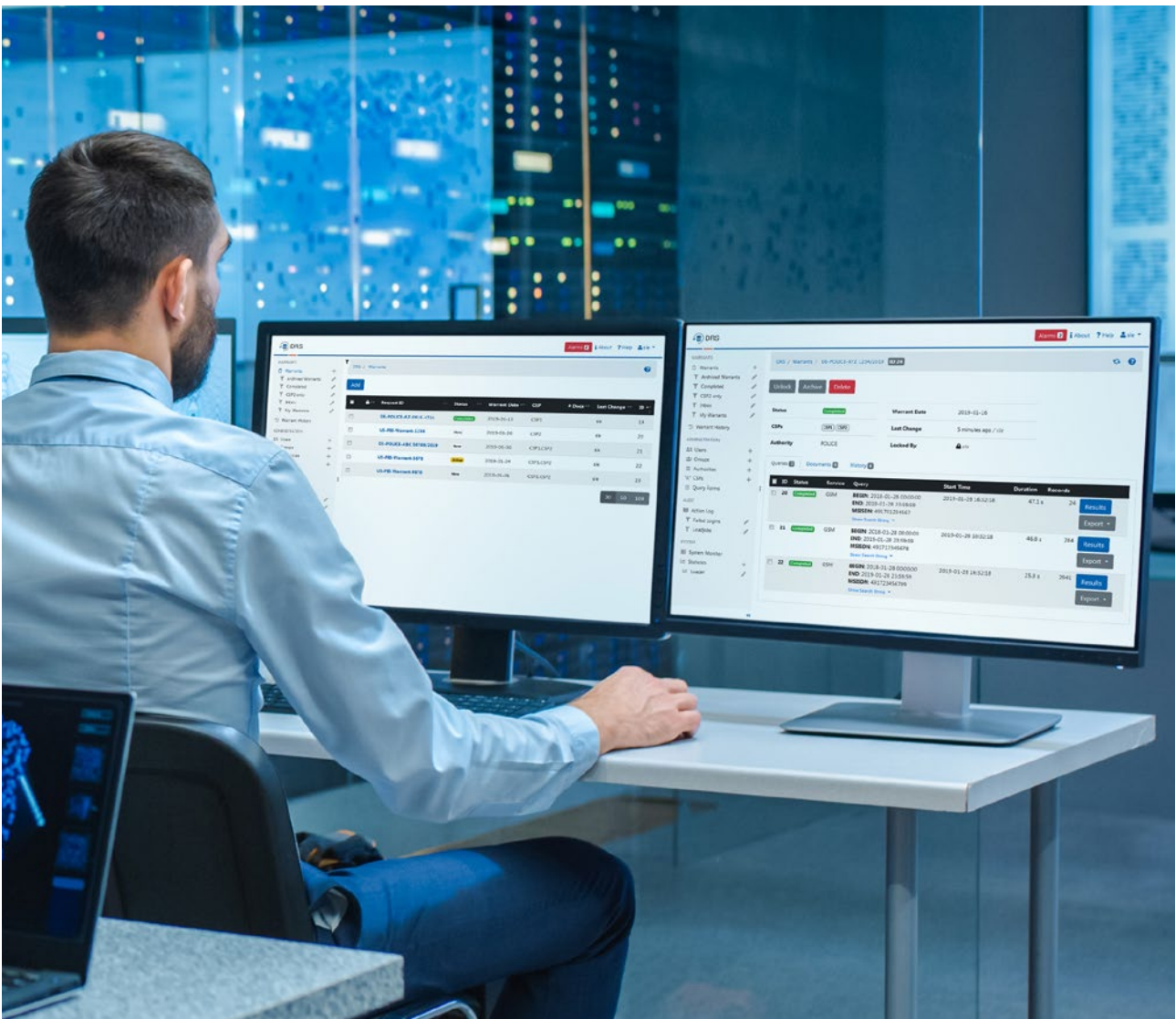
[Discover more](#)



Utlimaco

Data Retention Suite – DRS

Utlimaco DRS is a turnkey solution for data retention to identify and trace suspects, uncover terrorists' social networks, and gather admissible evidence for court proceedings.

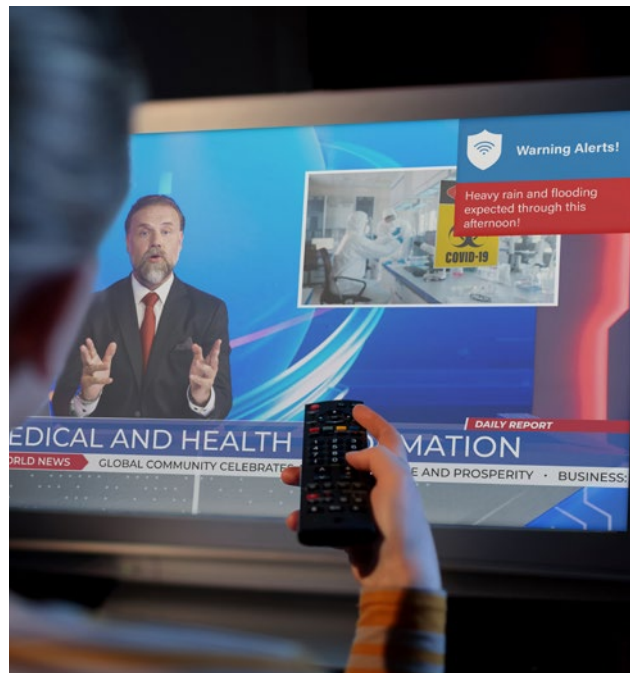


u.warn – Public Warning Systems

u.warn is a public warning suite of products that caters for governments, enterprises and other organizations, which seek an emergency mass communication system.

u.warn adapts to the various needs of each entity via a variety of delivery channels, including cell broadcast, location-based SMS, customized apps, desktop alerts, email and more.

Whilst the system is modular, alerts via all u.warn delivery channels are managed by a single control and management system – the Command Post. The Command Post includes a pre-programmed alerts library and supports various sending modes, either per location or for a group of individuals.



Products

[Discover more](#)



Utimaco
u.warn
Command Post

The Utimaco u.warn Command Post is a comprehensive alert control and management tool for all communication delivery channels.



Utimaco
u.warn
CBC

Utimaco u.warn CBC provides real-time and location-based alerts without the need for cell service or internet network during natural disasters or national emergencies.



Utimaco
u.warn
SIM Alert

Utimaco u.warn SIM alert is the ultimate solution in increasing alert coverage, with zero integration effort.



Utimaco
u.warn
Location Based SMS

Utimaco u.warn Location Based SMS ensures that alerts reach the intended audience rapidly through efficient and rapid alerts with multiple dissemination channels.



Utimaco
u.warn
App

The Utimaco u.warn APP is a one-stop tool to receive help. u.warn APP users can call or chat with emergency personnel, send an SOS to inform on their whereabouts or notify friends and family of their status in an emergency situation via social media.

Hardware Security Modules (HSM)

Data security is becoming more and more crucial in infrastructures and organizations throughout various industries and this brings a range of obligations and responsibilities related to how this information is processed, stored and used. Hardware Security Modules (HSM) protect sensitive assets against disclosure, manipulation and misuse.



General Purpose HSMs









Utimaco's General Purpose HSMs have been **designed to meet** the needs and standards of **a wide range of use cases and market segments** in a highly reliable and secured manner.

Based on **40 years of experience in hardware-based security**, Utimaco has developed and optimized a family of General Purpose HSMs, with models that address different levels of performance and physical security across industries.



Products

[Discover more](#)

 <p>Utimaco SecurityServer</p>	<p>HSM for secure key storage and cryptographic processing</p>	 <p>Utimaco Mobile Network TrustServer</p>	<p>HSM for subscriber authentication and key agreement in mobile networks</p>
 <p>Utimaco CryptoServer CP5</p>	<p>eIDAS- compliant and CC-certified Qualified Signature Creation Device</p>	 <p>Utimaco CryptoServer CSPLight</p>	<p>Compliant transaction signatures in retail</p>
 <p>Utimaco Cryptoserver CP5 VS-NfD</p>	<p>VS-NfD-compliant HSM</p>	 <p>Utimaco Block-safe</p>	<p>HSM for securing sensitive assets in blockchain processes</p>
 <p>Utimaco TimestampServer</p>	<p>High-quality timestamping keys</p>	 <p>Utimaco CryptoServer Cloud</p>	<p>HSM as a Service Cloud</p>



Payment HSMs

By equipping HSMs with strong physical and logical security, **Utimaco provides trusted digital end-to-end processes** which can range from PCI compliant payment card processing, bank card issuing, and cardholder authentication through to tokenization of payment data and block-chain solutions.



[Discover more](#)

Products



Utimaco
Atalla AT1000

Robust and fast
payment HSM



Utimaco
Cryptosec
Banking

Makes migration easy



Utimaco
PaymentServer

The Root of Trust
for payment card and
payment transaction
processing



Utimaco
MYHSM

Fully managed
payment HSM service



Converged HSMs

Containerized HSM-as-a-Service is the new market requirement!

To support the digital transformation journey, Utimaco offers the **security solution for all general purpose and payment use cases on a single platform**. The containerized HSM-as-a-Service solution enables many business organizations to have location-independent HSMs with the highest performance and most robust security for individual use cases.



[Discover more](#)

Products



Utimaco
u.trust Anchor
CSAR

The world's first converged crypto platform
for payment and general purpose HSM use cases



Key Management

Utimaco provides **solutions for secure key management and addresses the challenge of managing cryptographic keys**. Our three key management offerings are complete solutions for generating, storing, serving, controlling, and auditing access to data encryption keys. They enable you to protect and preserve access to business-critical, sensitive, data-at-rest encryption keys, either locally or remotely.



Products

[Discover more](#)



Utimaco
Enterprise Secure
Key Manager – ESKM

The most interoperable and integrated key manager



Utimaco
KeyBRIDGE Universal
Key Management – UKM

Unifies your existing HSM key management landscape



Utimaco
Key Exchange Escrow
Service – KEES™

Key management service





Identity Management

Utimaco provides the **ideal solutions for the most important identity management use cases**. With our competitive hardware and software-based solutions we provide you with highest security, flexible deployment, and easy management.

Our solutions are characterized by the secure creation of unique digital identities, their definite identification and authentication as well as the authentication of users including long-term authenticity.



[Discover more](#)

Products



Utimaco
u.trust Identify

Public Key Infrastructure solution



Utimaco
u.trust Signing Service

eIDAS-compliant qualified electronic signatures



Utimaco
KeyBRIDGE POI

Key injection solution



Utimaco
u.trust Timestamping Service

eIDAS-compliant qualified electronic timestamps



Data Protection

Experience **holistic data protection for every stage and storage location**: Utimaco enables you to protect sensitive data against unauthorized access, share data securely, and comply with regulations. For these purposes we offer file encryption software, tokenization, and hard drive encryption.



[Discover more](#)

Products



Utimaco
u.trust LAN Crypt

File encryption software



Utimaco
DiskEncrypt

VS-NfD-compliant hard drive encryption



Utimaco
KeyBRIDGE TokenBRIDGE

Tokenization solution with built-in HSM



Utimaco
DKE Anchor

Double key encryption solution for sensitive data in Azure

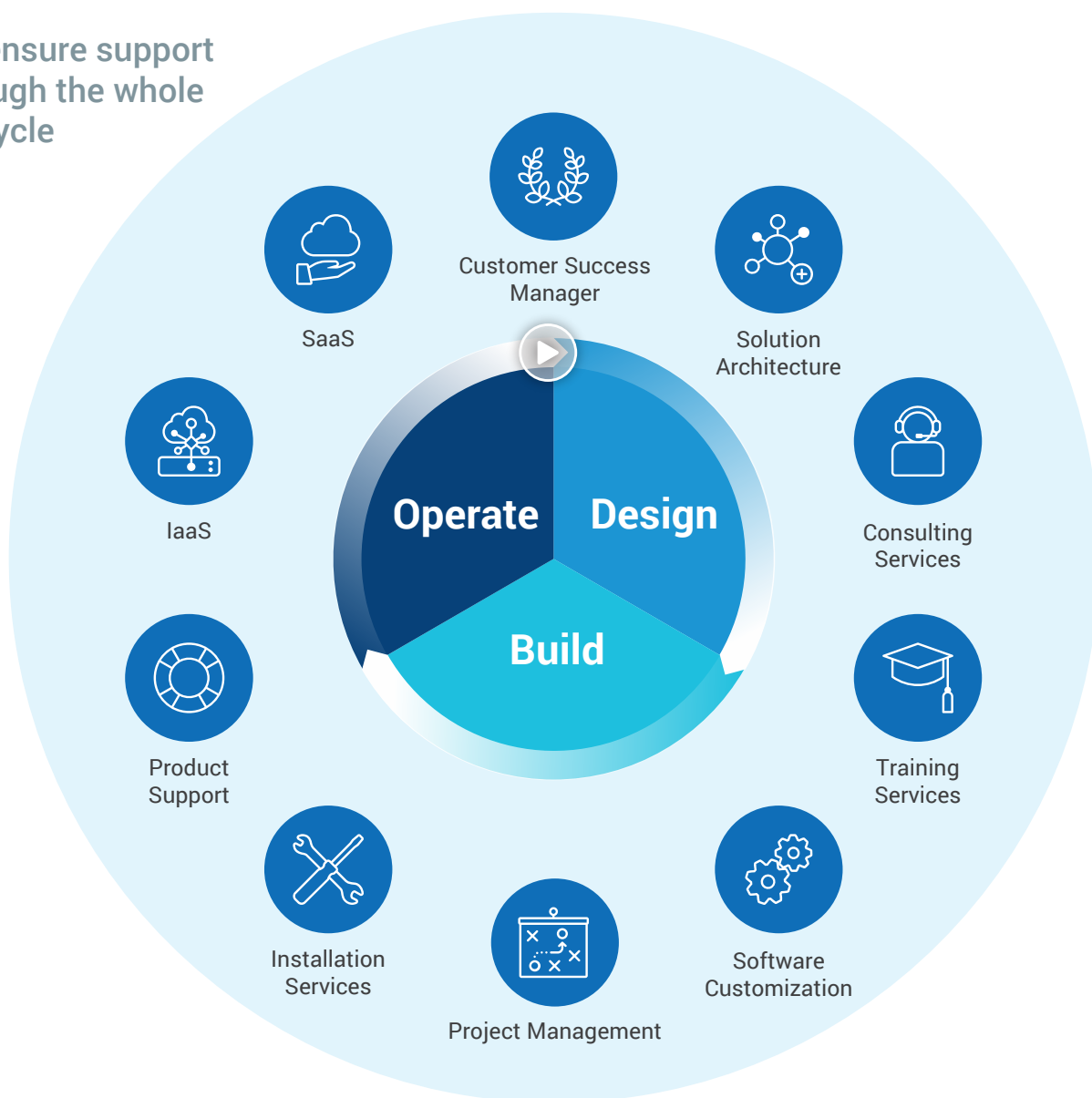
Professional Services – our services are designed to support customer success

Technical pre- and post-sales support of our product offerings and maintenance can be bought with any of our products and solutions. **Utimaco professional services provide tailor-made advice and solutions.** The main purpose is to support our partners with solution consulting. We give advice on how to translate customer requirements into possible technical architectures, including an estimation of manpower required for implementation.

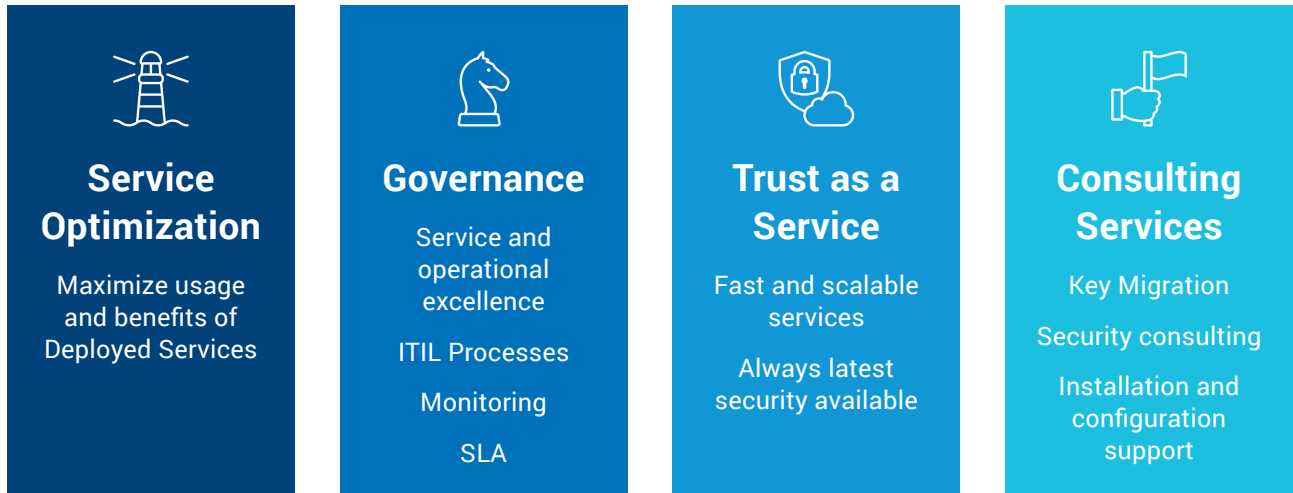
To do this, our professional services engineers can draw on a **wealth of experience and best practices from different industries.** This can be the basis for individual project implementations and the development of additional cryptographic functionality and HSM firmware.



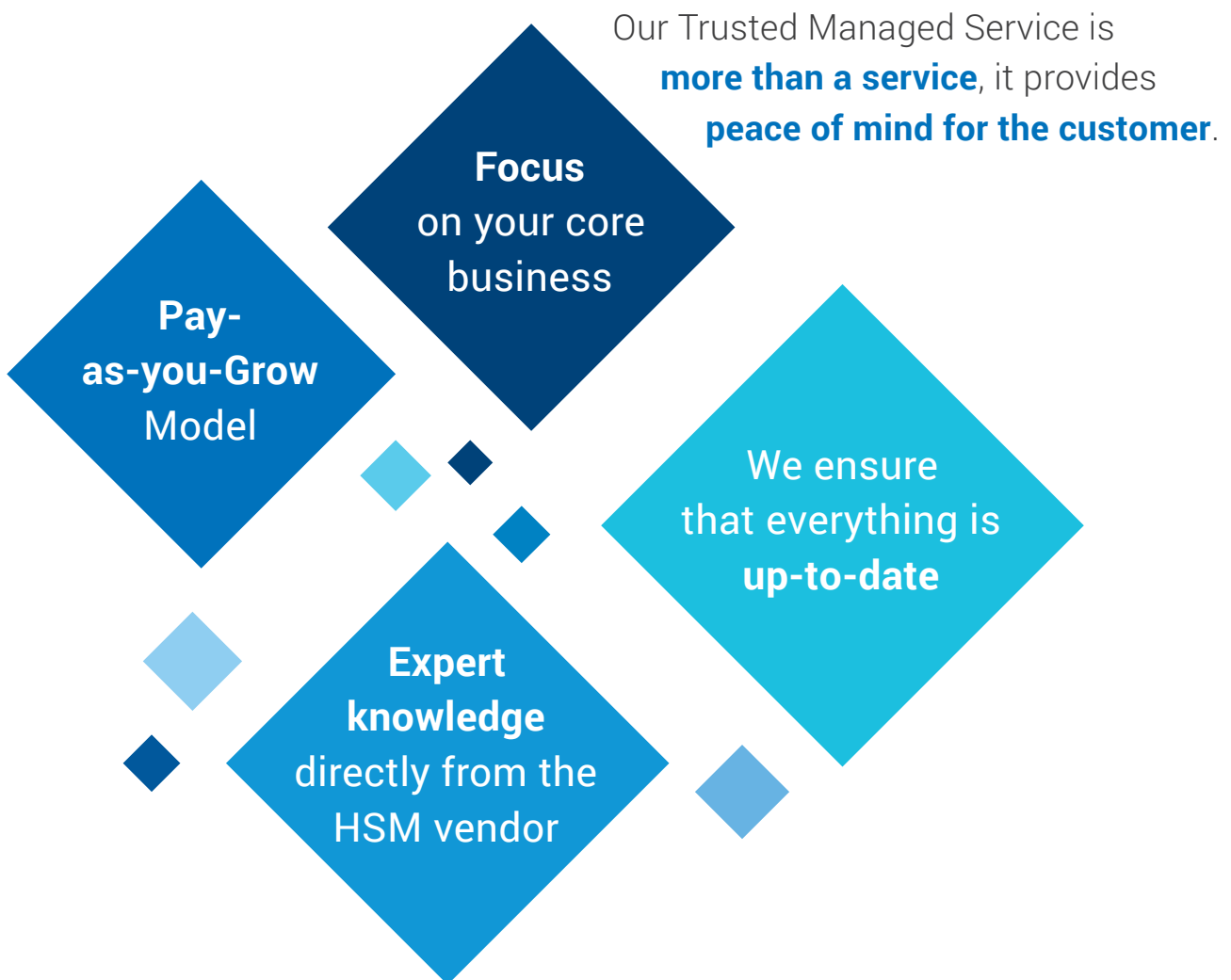
We ensure support
through the whole
lifecycle



All Inclusive Model



We help customers, to remove IT Security complexity and **re-focus on their core business**.



Next Step in the Utimaco Evolution

Transform CAPEX to OPEX and reduce your TCO

Available **24/7**

Pay-as-you-use



Trust as a Service

Achieve digital trust for your business within a few clicks

Trust as a Service is Utimaco's **self-service platform** that empowers you to manage your cybersecurity needs online and flexibly.

Flexible subscription and licensing that grows with your business needs



Scalable trust, managed in a unified portal



Trustworthy evidence for IoT devices



Security and sovereignty for data stored in the cloud via encryption and key management



Electronic timestamps for your digital documents



Evolving platform with more services coming soon



Initial Trust as a Service Offering



Utimaco
Cloud Key Management as a Service



Utimaco
File Encryption as a Service



Utimaco
Device Attestation as a Service



Utimaco
Electronic Timestamp as a Service

And **more services** are coming soon!

About Utimaco

Utimaco is a global platform provider of trusted Cybersecurity and Compliance solutions and services with headquarters in Aachen (Germany) and Campbell, CA (USA).

Utimaco develops on-premises and cloud-based hardware security modules, solutions for key management, data protection, and identity management as well as data intelligence solutions for regulated critical infrastructures and Public Warning Systems. Utimaco is one of the world's leading manufacturers in its key market segments.

550+ employees around the globe create innovative solutions and services to protect data, identities and communication networks with responsibility for global customers and citizens. Customers and partners in many different industries value the reliability and long-term investment security of Utimaco's high-security products and solutions.

Find out more on [utimaco.com](https://www.utimaco.com)



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the Digital Society

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