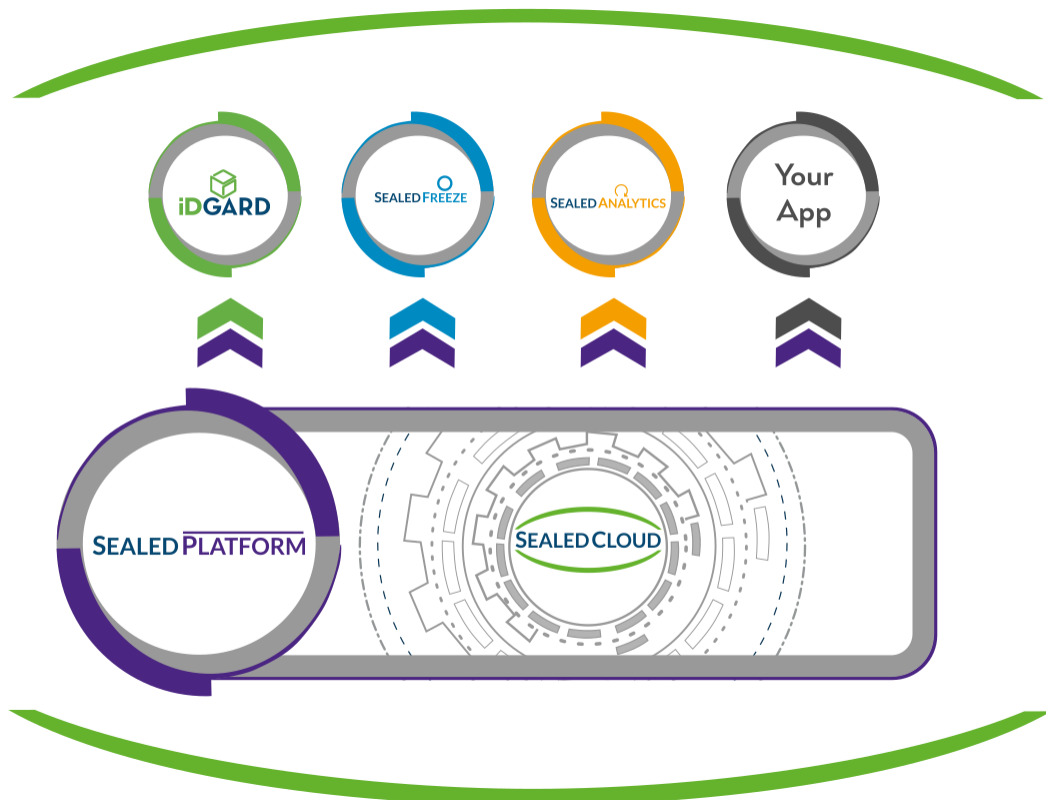




Ultra Secure Enterprise Cloud Solutions



UNISCON & TÜV SÜD– YOUR TRUST BROKER

TÜV SÜD is continuing the strategic expansion of its digital services portfolio by acquiring Munich-based Uniscon GmbH. By making this acquisition, TÜV SÜD is positioning itself at the core of digital transformation in the role of 3rd party provider of a reliable and secure platform for handling sensitive data.

“Data availability and trust in data security are key for the functioning and continued growth of the Internet of Things (IoT).”

“At the same time, companies are increasingly prioritising the protection of their own and their customers’ and suppliers’ data as well as seeking to retain control of the use of these data.”

Prof. Dr.-Ing. Axel Stepken, Chairman of the Board of TÜV SÜD AG.

“The innovative technology, patented at international level, enables ultra-secure data processing in the cloud. Not even the platform provider can access the unencrypted data, which users save and process on its platform.”

Dr. Hubert Jäger, Co-founder and Chief Technology Officer (CTO) at Uniscon.

“Expansion of our core business by adding new business areas is a central element of our strategy.”

“We are known on the market as a dependable and trusted partner of industry, supplying professional expertise in the fields of safety and security. This reputation also gives us a high level of credibility in our role as operator of a third-party platform, on which clients, such as companies from the automotive, real-estate or other sectors, can store and process their data.”

Dr. Dirk Schlesinger, Chief Digital Officer (CDO) at TÜV SÜD.

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SEALED CLOUD TECHNOLOGY

Groundbreaking Sealed Cloud technology represents a quantum leap in cloud security

It provides all the benefits of cloud computing, such as scalability and full flexibility, yet without compromising security. Unlike conventional cloud service providers, who protect online data by merely combining organizational and technical measures, Sealed Cloud technology goes further:

Replacing organizational measures with technical ones to ensure that:

- **data is transferred and stored in encrypted form, and that both**
- **content AND meta-data, i.e. connection data, remain protected during processing.**

Basing your applications on Sealed Cloud technology allows you to offer maximum-security solutions. What's more, you also automatically comply with privacy law when storing and processing confidential data.

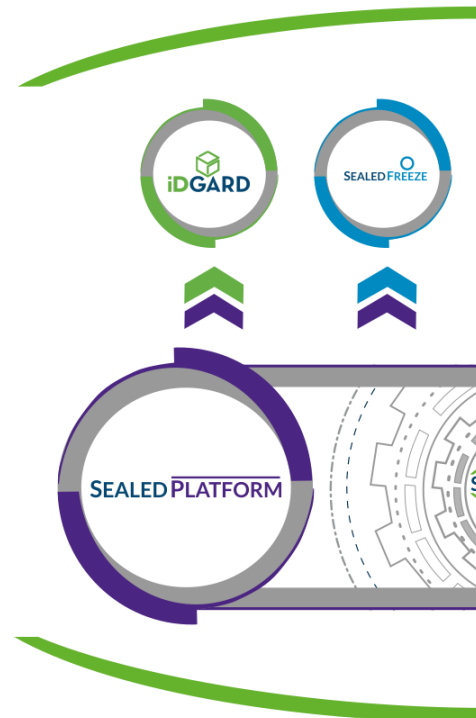
Trusted Cloud: A Technology Competition

In a competition initiated by the German Federal Ministry for Economic Affairs and Energy(BMWi), our Sealed Cloud team outplayed 116 other contestants.

As a result, the Government supports the technology's further R&D for broad-based application in German industry.



on the basis of a decision by the German Bundestag



By using Sealed Cloud technology, you can build and run ultra-secure applications with zero privileged access:

- ① Only the user can access their own data.
- ② Service provider & administrative staff access excluded technically!
- ③ Your data is not only stored confidentially. It is also processed confidentially.

HIGH CLASS DATA PROTECTION

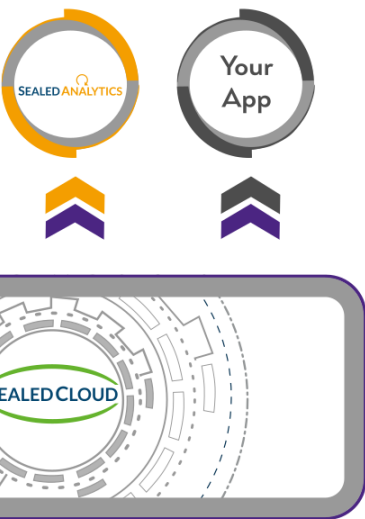
How it works

A clear set of innovative and interlocked technical measures ensures that all access to unencrypted server data is excluded technically.

By hermetically sealing the infrastructure, Sealed Cloud creates a confidential data center, that ensures much higher application and data security than customary systems.

Data privacy compliance for professional groups

- **GDPR-compliant:** complies with strict EU privacy law as to processing of personal data (Art. 5, 25, 32 GDPR)
- **Protects Content AND Meta-data**
- Even suitable for data subject to professional or special official secrecy (e.g. doctors, lawyers)



Increased Security for sensitive data processing

For the first time ever, a security – data privacy combination ensures sufficient security of business critical applications in the cloud, which are processed to date in own data centers or avoided altogether.

- Communication & collaboration via SaaS (software as a service)
- Endless services, e.g. ERP or CRM, via SaaS
- Sealed data processing via PaaS (platform as a service)
- Policy-based storage of personal and other confidential data
- Big data analysis subject to and compliant with data privacy law

Sealed Cloud technology protects your data at any time:

1. Data transfer to Sealed Cloud is protected.
2. Data memory within Sealed Cloud is protected.
3. Data processing within Sealed Cloud is protected.



SEALED PLATFORM – THE ULTRA-SECURE CLOUD PLATFORM

Move your data & applications to the cloud without compromising security!

Sealed Platform is the Ultra-Secure Cloud Platform for your data and applications. Sealed Platform's unique Zero Privileged Access Architecture securely guards against unauthorized access of your data and applications in the cloud.

Sealed Platform can run virtually any application without code modification and instantly provides security and compliance with data privacy laws (GDPR)



What makes Sealed Platform different?

Unicon invented Sealed Cloud – Purely technical means to guarantee



Zero privileged access for providers and administrators



Distributed Key Power



Out-of-the-box GDPR Compliance



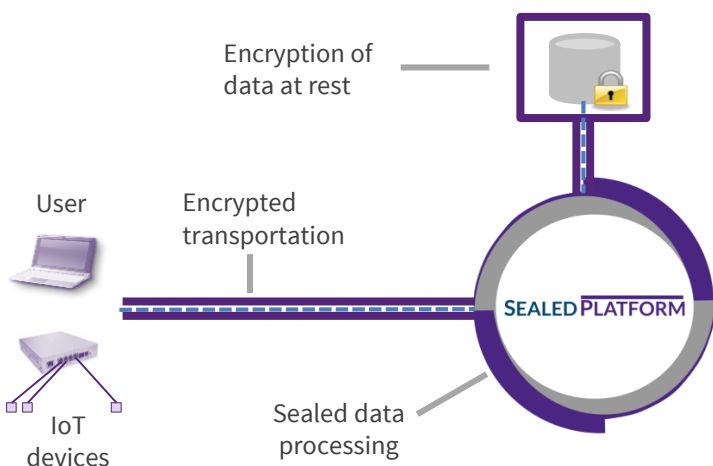
Protection of applications, data, and meta-data during processing



Filtered Administrative Access



Deployment options: Private, Hybrid or Public Cloud



The Four Sealing Measures

1. Physical & logical encapsulation: Breach attempts trigger data clean-up
2. No key access for Sealed Platform providers
3. Zero privileged maintenance
4. Incorruptible bootstrap process: Shamir Secret Sharing & Sealing Trustees

PROTECT YOUR DATA & APPLICATIONS IN THE CLOUD!

Sealed Platform – the ultimate security upgrade for your business applications

Sealed Platform is a top-security cloud platform suitable for running diverse applications with high demands on data security. It is capable of operating as a private, hybrid or public cloud platform for:

Enterprises

Platform Providers /
Telco Providers

Independent Software
Vendors (ISV)

The most secure sealed cloud platform from TÜV SÜD for all areas and sectors such as healthcare, CRM and HR software solutions, RegTech, critical infrastructures, banks, energy and more.

Protect your:

Process data Healthcare data *Human Resources data*
Employee data Product data Medical data
Insurance data *Business data* Customer data


Your benefits with Sealed Platform

- EU GDPR-compliant for any kind of data
- Relieve your admins of responsibility because there is no privileged access
- Avoid questions from customers about who can access the data. Only you have access!
- Build trust with the Sealed Platform offered by TÜV SÜD/Unicon
- Protect your crown jewels from competitors
- Deploy your software easily without code customization

You want to test your application on Sealed Platform?

Find all information on [unicon.com /sealed-platform](https://unicon.com/sealed-platform)



by UNISCON - A member of 

SECURE DATA EXCHANGE & VIRTUAL DATA ROOMS (SAAS)

Online File Transfer & Teamwork

iDGARD helps you with a wide range of file transfer, communication and project collaboration tasks. Instead of sending large files via email to your colleagues or external partners, files uploaded to iDGARD can be sent via email using a link and secure password. This protects your mailbox and stops large files from cluttering your mail servers.

Moreover, iDGARD allows you to create secure Privacy Boxes to which you can invite staff, co-workers and even external partners with access to the documents inside the Box. Once created, the Privacy Box is available for all those with permission at anytime, anywhere using one of our apps or via browser.



File Spaces to fit your requirements:

Temporary Privacy Box



Characteristics

- Shareable document storage
- Automatic

Good fit for

- Time-limited access
- Distribution of email attachments
- Avoidance of unstructured stock of data

Privacy Box



Characteristics

- Shareable document storage
- Project or team room
- Chatroom

Good fit for

- Personal online storage
- Provide reading access to other persons
- Complement to SharePoint

Data Room



Characteristics

- Revision-safe journal
- Dynamic watermark for documents
- Configurable access and view management

Good fit for

- Due-Diligence process
- Audits
- Projects with high documentation duties

Security Highlights:

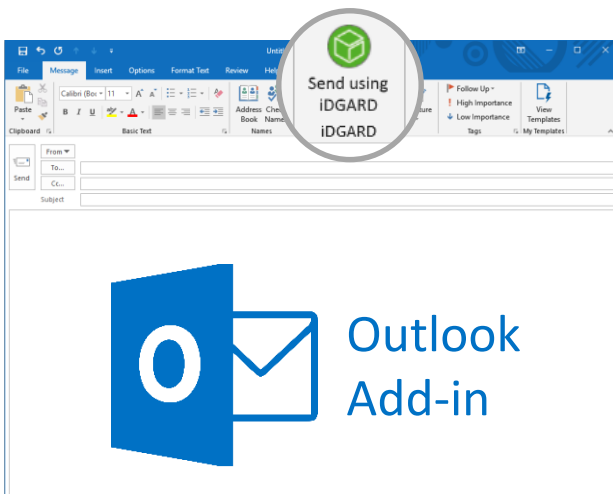
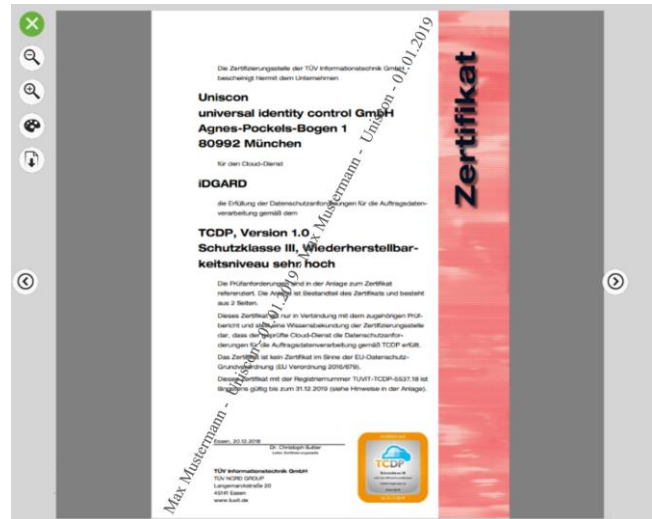
- Complies with the requirements of the EU-GDPR
- Certified in the highest protection class for cloud services (TCDP protection class III)
- Zero privileged access via Sealed Cloud
- Development and data centers in Germany

Functional Highlights:

- Automatically synchronize data
- Operator-Proof Online Virus Scan
- Play videos, open images & PDFs in the cloud
- Collaboration via messaging, chat, scheduling
- Specifiable access times & deletion terms

Use Case: Virtual Data Rooms

- + Easy Setup - No IT-skills required
- + GDPR-compliant Data Rooms.
- + Comprehensive protection for document distribution (dynamic watermarks, View-only option for documents in the browser, bulk download notification).
- + Audit-proof journal (audit trail) with all processes within the Data Room.
- + Anti-Screen Scrapping notification (if a screenshot has been taken).
- + Definition of individual terms of use.



For more iDGARD use cases got to www.idgard.com

Use Case: Secure & GDPR-compliant sharing of e-mail attachments

- + Access via browser or outlook extension.
- + Ability to work within the usual environment.
- + Adjust the number of accesses to the different documents.
- + Simply send files via link.
- + Increased security due to password assignment.
- + Reading-access for receiver without an iDGARD account.
- + Set-up of internal and external users via email for mutual communication.

iDGARD Enterprise Cloud for secure data exchange, available as SaaS or On-Premise

- + Flexible, clear creation of iDGARD authorization groups in LDAP
- + Automatic registration (single sign-on) and account creation (auto-registration)
- + Web interfaces / APIs to automate processes
- + Available as SaaS or turn-key solution in your data center

ADDITIONAL SEALED CLOUD SOLUTIONS

SEALED ANALYTICS - PRIVACY COMPLIANT BIG DATA

- Run Big Data analysis within a technically sealed data center
- No personally identifiable information accessible, since every access to data is excluded
- Data privacy compliant, since every personally identifiable information is inaccessible: special-purpose, limited use does not apply

➔ **Data Mining complying with Data Privacy Law!**

Use Case CAR-BITS.de – Increase of safety in road traffic

By using Big Data, the Connected car warns the driver of a variety of road traffic hazards (e.g., obstacles behind curves, potholes, hydroplaning). The driver's personal information will never be disclosed.

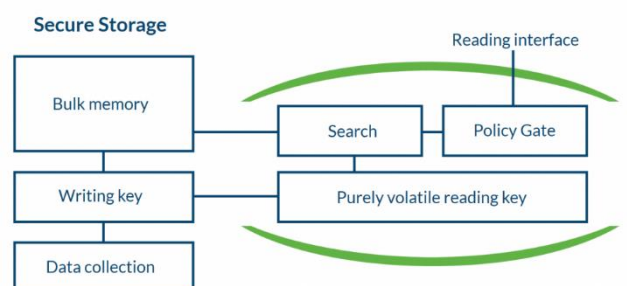
CAR-BITS.de is produced by:



SEALED FREEZE - POLICY BASED DATA MANAGEMENT

Sealed Freeze Ensures Privacy Protected Data Access

- Non-individual-related data processing
- Technically hard-coded data access policies, that cannot be modified retroactively
- Full data lake search



A Novel Technology Offering a Wider Range of Privacy Compliant Opportunities:

- Stores more data, for longer periods of time, than conventional methods
- Stores other data types than the methods to date

Common Sealed Freeze Use Case Scenarios:

- Overall verification of end-to-end compliance
- Internal protection against disloyal employees & detection of industrial spying
- Privacy-compliant data retention

Our customers

Over 1.200
Companies trust in UNiSCON

Over 70.000
Users trust in iDGARD

T-Systems International GmbH

“Providing solutions such as ‘Versiegelte Cloud’ strengthens our position in this field,” states Head of Telekom Security Dirk Backofen. “In doing so, we wish to provide customer solutions that ensure maximum IT security and data privacy.”



Dirk Backofen, Head of Telecom Security / SVP and Head of Telecom Security, Telecom Security at T-Systems International GmbH





A member of



Unicon GmbH – A member of TÜV SÜD

As part of TÜV SÜD's Digital Transformation strategy, Unicon specializes in maximum-security cloud applications and solutions for privacy-compliant data communication. TÜV SÜD is a premium quality, safety, and sustainability solutions provider specializing in testing, inspection, auditing, certification, training, and knowledge services. Represented by more than 24,000 employees across 1,000 locations worldwide, TÜV SÜD's service portfolio adds value to businesses, consumers, and the environment. Tapping on TÜV SÜD's network, Unicon will be able to implement major international projects in IoT and Industry 4.0 reliably with Sealed Cloud technology and its respective services.

www.unicon.com

Contact

Unicon GmbH
Ridlerstraße 57 (Newton)
80339 Munich - Germany

Web: www.unicon.com
E-Mail: contact@unicon.de

