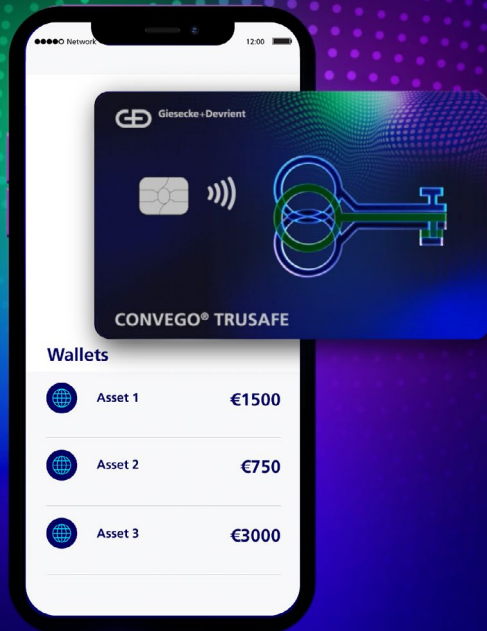




Giesecke+Devrient

Convego® TruSafe: the key to your customers' digital assets



Elevate your customer relationships with our modular digital asset solution.

The digital assets market is surging, attracting a diverse customer base eager to build wealth and diversify investments.

As regulatory frameworks solidify and an increasing number of financial institutions explore this new asset class, integrating digital asset management into conventional banking services becomes not just an option but a strategic imperative to stay competitive. Financial institutions have a fundamental role to play—59% of customers believe that crypto requires established financial institutions to achieve broad adoption.¹ In taking a proactive stance, financial institutions are poised to attract new customers and cultivate recurring revenue streams.

Yet, amid this rapid growth, challenges persist. Many potential users face a steep learning curve and a fundamental fear of losing assets if recovery keys are lost. The issue lies in the user experience of onboarding to a cold-storage wallet and the mechanism by which these keys are recovered. A user who manages their own keys receives significant benefits, as it guarantees true ownership of their assets. However, this comes with a critical caveat: if you lose your keys and the single recovery mechanism available, typically a mnemonic phrase, you will permanently lose access to your assets.

Imagine a solution where your customers can securely store their digital asset keys on their card and manage them effortlessly through a mobile app. That's Convego® TruSafe, from Giesecke+Devrient (G+D).

Unlock the future with Convego® TruSafe



Seamlessly integrate digital assets into your portfolio:

Empower customers to manage and store their digital assets securely. Utilize our card form factor and mobile app to offer a self-custody solution that minimizes integration and regulatory hurdles.



Safeguard access to this new asset class with enhanced security:

Offer your customers peace of mind with a distributed recovery service for their keys. This feature mitigates the risks associated with self-custody, ensuring access to their investments is protected and easily recoverable if lost or forgotten.



Tap into the expanding blockchain ecosystem:

Connect to a growing array of value-added services that unlock new business opportunities as the crypto asset market evolves.

¹ <https://usa.visa.com/content/dam/VCOM/regional/na/us/Solutions/documents/visa-cryptocurrency-a-and-u-2022-final-white-paper.pdf>

Your key to empowering trust and control of digital assets

Convego® TruSafe is designed to empower financial institutions, offering their customers the confidence to navigate the digital asset landscape.

Our modular solution delivers peace of mind for all digital asset holders, whether tech-savvy or crypto-curious. Your customers can gain control over their assets through self-custody and a fail-safe distributed recovery service, ensuring secure access, even if keys are lost or misplaced.

Cold storage card

A trusted card form factor to hold and manage digital assets independently, eliminating the reliance on third party custodians.



Wallet manager app

Mobile interface to easily enable the interaction with the customer's asset portfolio, supporting over 10,000 of the most popular coins and tokens in the market.

Distributed recovery service

Zero-knowledge backup vaults, holding key shards to assist with a failsafe restoration of keys.

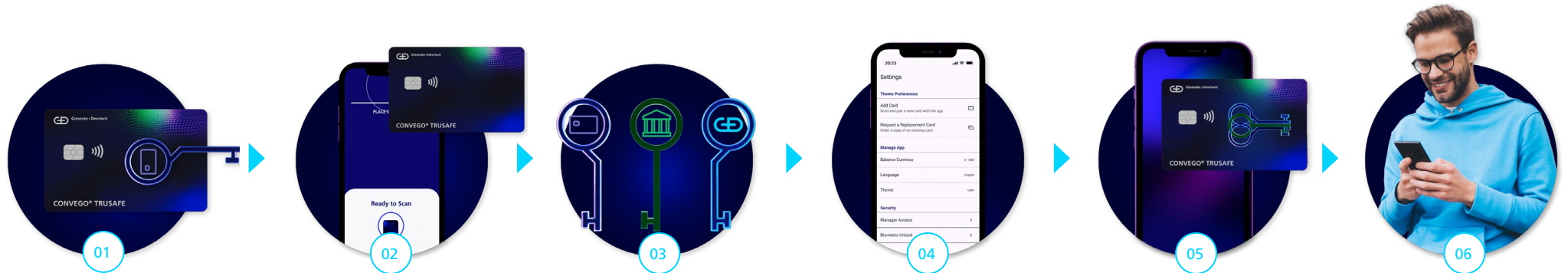


Connection to blockchain services

Integrate your chosen blockchain services into your platform through our API gateway.

Our distributed recovery solution: swift, secure, and seamless

This innovative recovery mechanism uses key sharding to securely restore your customers' keys without compromising their self-custody. Regardless of the scenario, your customers always retain control over their digital assets:



Card issuance:

Customers receive a Convego® TruSafe card containing a unique ID and an anchor shard—a fraction of the key with no intrinsic value.

Swift activation:

Customers scan and activate their cold-storage card using their mobile app.

Secure key storage:

Once activated, the key is exclusively stored in the card's secure element, while key shards are backed up in separate vaults for safekeeping.

Reissuing a lost card:

If a customer loses their card, they can authenticate and request a replacement one, just like any other payment card.

Effortless key restoration:

Upon receiving their replacement card, the customer authenticates and then activates the card, using the wallet manager app to restore their keys.

Seamless access:

The customer regains easy, secure access to their digital assets.



Watch the recovery process in action [here](#)

Convego® TruSafe: key benefits

For financial institutions



Boost engagement with your wallet:

Enhanced customer convenience leads to increased interaction with your platform, which opens more opportunities for upselling and deeper customer engagement.



Add a new revenue stream:

Tap into the growing demand for digital asset services, creating a new and recurring revenue stream for your institution.



Leverage the early-mover advantage:

Gain a competitive edge by enabling your customers to use your infrastructure to hold crypto assets. This not only improves your brand recognition but also positions you as a leader in the market.



Reduce costs and time to market:

Our modular approach makes Integrating Convego® TruSafe into your service offering straightforward, so you can deploy quickly and enjoy early-mover advantage.



Gain knowledge about blockchain and digital currencies:

Build a foundation for future De-Fi capabilities and new business models. Staying ahead in this evolving market ensures your institution remains at the forefront of innovation.



For customers



Enhanced user experience for holding crypto assets:

Your customers can easily begin their digital assets journey, as Convego® TruSafe offers a familiar and trusted experience—a recovery mechanism accessed through a card linked with their mobile banking application.



Ultimate self-custody of keys:

Empower your customers with autonomy by providing a cold storage hardware wallet for their keys, significantly reducing security risks. This solution promotes independence and enhances security.



Peace of mind in recovery:

With distributed recovery, your customers are never left to manage key backups alone. This reduces the fear of losing assets due to self-custody complexities and provides a more reliable recovery process.

About Giesecke+Devrient

Giesecke+Devrient (G+D) is a global SecurityTech company headquartered in Munich, Germany. G+D makes the lives of billions of people more secure. The company shapes trust in the digital age, with built-in security technology in three segments: Digital Security, Financial Platforms and Currency Technology.

G+D was founded in 1852 and today has a workforce of more than 14,000 employees. In the fiscal year 2022, the company generated a turnover of 2.53 billion euros. G+D is represented by 123 subsidiaries and joint ventures in 40 countries.



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