It's all about managing identities.
Transform your business –
A real opportunity

If anything can be certain in these eventful times, it is this: the 21st century will bring more changes to this world than any other period in history. It’s already becoming difficult to imagine a time when people did not have the entire internet in their pockets and business was far from instantaneous.

As billions of new endpoints join the connected society, the rules of business are changing. Consumers are buying wholesale into the new digital way of life, which means that companies that can satisfy their demand for quick, convenient, and smart services are best positioned for success. And the earlier an enterprise learns to adapt to the new world, the better its chances of establishing a deep and trusted relationship with consumers.

This transformation is not limited to a few sectors. The numbers prove that this process is happening across all industries, from banks and financial institutions, and device makers and connectivity service providers, all the way to automotive companies and enterprises.

But success in the new connected world requires more than simple connectivity services. Consumers demand smart features, ubiquitous access, and supreme convenience – but none of them matter if security isn’t guaranteed because trust is the hard currency of the future. When billions of people connect with untold billions of interconnected machines and devices, all of their identities, connections, transfers, and data must be optimally managed and protected at all times. That is the foundation the entire digital world is built on.

With G+D Mobile Security, you can concentrate on transforming your core business and offering your customers the best services you can imagine. Whatever branch of industry you are in: we’re the experienced partner that supports you along the way, giving you the power, flexibility, and uncompromising security you’ll need to secure success in the digital times ahead.
Mobile growth is not limited to any one market or industry sector; industry and manufacturing are driving it just as strongly as enterprises, service providers, consumers, and end users.

New devices and new services create new use cases and new business models – but they also come with new security threats that need to be addressed.

Source: Ericsson, GSMA, Juniper Research, Machina Research, Strategy Analytics, December 2018

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34 billion connected devices
G+D Mobile Security has a proven track record in secure identity management – the perfect starting point for your digitalization process.

- **1 billion** mobile devices managed globally
- **1billion** mobile devices managed globally
- **100 million** authentication cards protecting access for customers worldwide
- **1.3 billion** contactless and dual interface cards issued over the past 6 years
- **+2.6 billion** EMV cards provisioned over the past 6 years
- **+3 billion** SIM cards managed in over 80 countries
- **50%** annual growth for virtual payment card provision, up to 1 million per month
- **1 billion** mobile devices managed globally
- **9 of the top 10** car manufacturers trust in G+D Mobile Security’s connected car solutions
- **#1 in eSIM Management**
- **#1 in eSIM Management**
Managing identities – The world’s most important journey

Even though the connected society requires that you always properly manage and protect user and device identities, you do not have to become an expert in identity management to succeed. G+D Mobile Security’s decades of experience make us the perfect partner for all businesses that want to concentrate on offering the best products, services, and experiences possible – in a secure and efficient manner.

Digital security is certainly the most important aspect of your digital transformation as consumers rightly expect their identities and data to be secure at all times. Providing robust security is therefore the very first order of business for any enterprise that wants to be a credible partner and that deserves the trust of its customers.

But strong identity management capabilities won’t just position you as a trustworthy business. They will also provide you with trusted access to big data that can give you invaluable insights into the behaviors and preferences of your customers. In addition, they will give you new channels of direct communication that substantially deepen your customer relationships while offering new venues of monetization. It’s a win-win for businesses and consumers alike.

Whatever sector you’re in: the commitment to strong identity management is never a single action but always an ongoing journey. We’ll help you deal with the huge numbers of users, devices, and machines involved, and with the consistently growing demand for ubiquity, speed, and convenience. In order to do so, we’re covering every step of your identity journey to make sure that your digital transformation is as seamless and secure as it can be.
Every identity journey begins the moment a new user or device joins your system – because this is when their identity is created for the first time. Our solutions leverage a fully digital onboarding process that speeds up your service. Consumers are no longer limited to certain places or times to start doing business with you. They will be able to start using your products and services right away, positioning you as a leader in convenience and service quality.

Once an identity has been created, it needs to be provisioned along with all data necessary to provide and securely manage all required services. This entails transfers to a device’s secure credential storage, for instance its SIM card or eUICC or eSE or payment card. G+D Mobile Security will let you digitalize this entire process, allowing you to deliver identity and service efficiently and almost instantaneously.
Usage and monetization

Access to smart services and features needs to be safe at all times. Therefore, more than just the proper allocation of identities is mandatory when people interact with devices, or machines interact with other machines. Daily usage requires robust authentication to make sure that only the right people can use your services and that communication remains confidential and convenient. It calls for solid protection of all incoming and outgoing transfers to avoid data breaches. And in order to provide optimum security, it is necessary that the underlying servers and data centers coordinate everything are resistant to cyberattacks. That’s why our solutions are designed to provide a digital working environment that is as secure as it is convenient.

Management and monetization

The connected society isn’t just an opportunity for enterprises and consumers – improperly protected systems give attackers a chance to harm businesses and profit from this. G+D Mobile Security offers protection for your business. Our management solutions enable service and security management over the entire lifecycle of the device and user. Supported use cases range from service or identity updates to secure firmware updates for the device or even the entire security architecture. Especially for long-living consumer goods or industrial infrastructure, by decoupling the device lifecycles from shorter security lifecycles.

Discontinuation and renewal

As part of the modern consumer lifestyle, personal devices are being replaced faster than ever before. But when users change products, the identities stored on the device must never be allowed to fall into the wrong hands. Whether a smartphone is retired, a car is resold, or an industrial machine is decommissioned: device end of life (EOL) must be properly managed. G+D Mobile Security simplifies your processes by offering solutions that automatically erase all profiles and service-related data from the device’s secure elements. That way, personal data and important business intelligence are forever kept safe from malicious access.
Everything you need – Anywhere you work

Although the basics of every identity journey are the same, every industry is unique. With our experience in digital security and proven solutions for all sectors rolled out across the globe, G+D Mobile Security supports your digital transformation with trusted identity management. No matter what you do or where you do business: our experts don’t just know your challenges, they also know exactly how to tackle them. It’s the easiest, quickest, and safest way to future-proof your enterprise and secure your position in the connected society.
As customer behavior changes, technologies need to advance. To meet these digital challenges and at the same time provide your customers with instant and convenient services that are safe and compliant, it is time to act now!

These digital challenges not only require secure and smooth customer-facing services, but also internal structures that can manage and verify the digitalization of the customers’ identities, in order to securely conduct any kind of transaction or service. These need of infrastructural changes not only effects your own efficiency positively, giving you a solid digitalized banking foundation. They give opportunities to redefine your offerings and reaffirm your relevance in the market, which will improve your customer relationship and create stickiness.

G+D Mobile Security makes this shift easy, thanks to our track record of more than 160 years of creating confidence and building trust, with future-proof expertise in day-to-day payment management. Always with the customers at heart!

The digital revolution is built on the ubiquitous connectivity that Connectivity Service Providers (CSPs) provide as their core service. One key success factor is an outstanding customer experience. You can improve your performance by onboarding new subscribers in just a few minutes and fully digitalize the activation process, build customer services and push them to individual users, and monetize your reach through third-party promotions. As it turns out, the best way to satisfy consumers’ demand for great services is to fulfill their expectations in terms of convenience and flexibility – while maintaining the necessary security. That’s a great starting position, but massive rising numbers of connected users and endpoints, as well as increasing traffic volumes pose a challenge because of increased attractiveness to attackers. Time to transform your business and shut them out with advanced security solutions from G+D Mobile Security.
Securing identities for connected consumer devices

The entire world is joining the mobile lifestyle. This provides enormous possibilities for device makers: they can continue to innovate on device forms and device functions as new smartphones, tablets, wearables, and other consumer connected devices join the Internet of Things while simplifying logistics and production. In order to meet consumer expectations, they also have to offer smooth connectivity and enable new and innovative services that require new methods of protection.

G+D Mobile Security provides end-to-end solutions for a seamless integration of key features and services to drive customer revenue and customer loyalty. Our solutions help wearable device manufacturers eliminate go-to-market blockers.

Securing identities for connected vehicles

Vehicle manufacturers are confronted with one of the biggest waves of transformation in their history. Digitalization is reshaping the entire driving experience and automotive industry. Not only are vehicles connected by the millions – they’re also gaining a number of highly advanced features that make cybersecurity a priority. The connected cars of tomorrow won’t just connect to manufacturers, service clouds, and their drivers’ personal devices. They will be in constant communication with each other and the entire traffic infrastructure, enabling a secure and convenient driving experience. G+D Mobile Security provides holistic lifecycle management of credentials, devices, and services to meet the demands of connected car communication, and mobility services.

Securing identities for digital users

The digital transformation is not only forcing enterprises to offer more information and services online and via mobile devices, they must also keep up with the increased pace of change in the market. Introducing new technologies in response to business demands increases exposure to cyberattacks. G+D Mobile Security supports your digital transformation with solutions that help you manage all aspects of enterprise security, from identity and access to fraud management, and from company data to staff’s mobile devices. G+D Mobile Security offers a one-stop shop for managing the digital identities of your customers by securely issuing, provisioning, managing, revoking, and authenticating digital identities of users, mobile devices, machines, and applications.
Managing identities in a connected world

G+D Mobile Security is a global mobile security technology company headquartered in Munich, Germany. The company is part of the Giesecke+Devrient group. G+D Mobile Security has a workforce of 5,700 employees and generated sales of approximately EUR 812 m in the 2017 fiscal year. More than 40 sales and partner offices as well as 20+ certified production and personalization sites and data centers ensure customer proximity worldwide.

G+D Mobile Security manages and secures billions of digital identities throughout their entire lifecycle. Our products and solutions are used every day by commercial banks, mobile network operators, car and mobile device manufacturers, business enterprises, transit authorities, health insurance providers, and their customers to secure payment, communication, and device-to-device interaction. G+D Mobile Security is a technology leader in its markets and holds a strong competitive position.