



Solution Brochure

G+D's IoT Suite facilitates an all-in-one connectivity solution

In the age of the Internet of Things (IoT), where devices of all types are becoming more and more interconnected, the need for stable and reliable connectivity becomes crucial to ensuring the smooth running of business operations. As more organizations embrace IoT technologies to drive innovation, streamline operations, and enhance customer experiences, the ability to manage and secure a diverse ecosystem of devices while ensuring seamless connectivity across networks becomes paramount.

G+D's IoT Suite is a one-stop shop for successful IoT connectivity, allowing companies to simplify and optimize their mobile ecosystems.



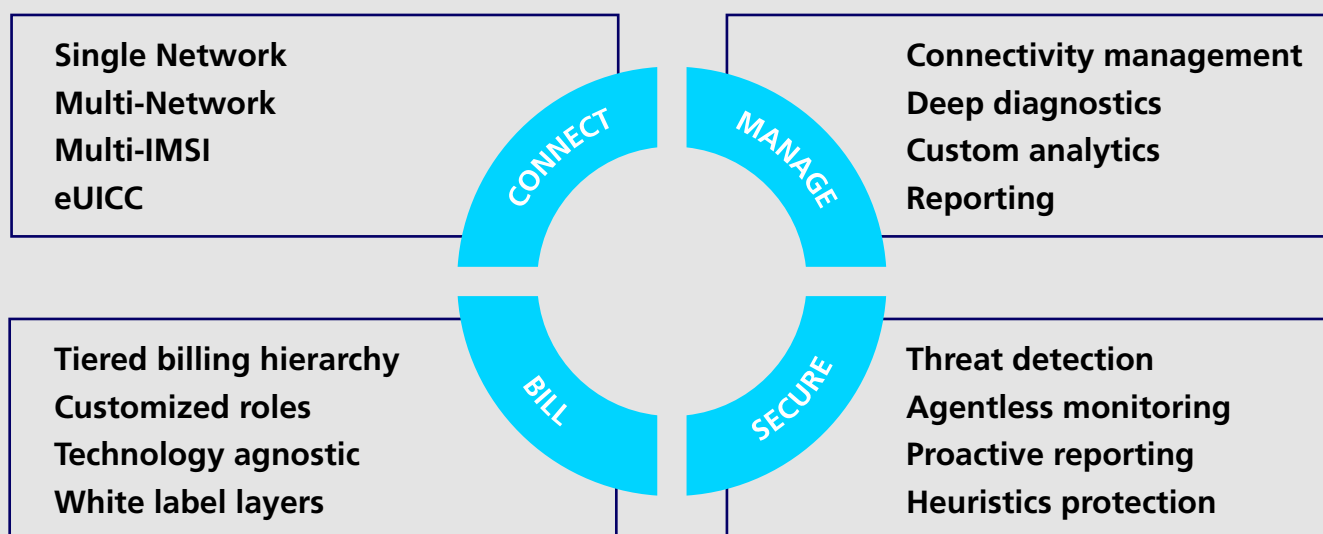
G+D's innovative IoT Suite is a modular platform that connects, manages, secures and bills IoT connectivity. Incorporating G+D's market-leading remote SIM provisioning (RSP) solution, which enables over the air (OTA) management of eSIM and iSIM, IoT Suite offers an unprecedented level of control over your connectivity service. IoT Suite is one of the most powerful IoT connectivity management platforms available on the market today.

One platform to manage global connectivity

By leveraging our full stack connectivity solution through one centralized platform, organizations can overcome the challenges of managing complex IoT ecosystems and maximize their potential in an increasingly connected world.

What industry challenges does IoT Suite help to address?

- Managing IoT connectivity becomes a daunting task when dealing with multiple providers, both locally or globally, with agreements scattered across disjointed management platforms. IoT Suite addresses this challenge by providing a unified platform that streamlines connectivity, eSIM and iSIM as well as billing management, bringing disparate elements together for seamless control and coordination.
- One of the significant hurdles in the IoT landscape is the lack of visibility into usage and tracking of connected devices. IoT Suite empowers businesses with robust tracking and analytics features, providing real-time insights into a SIM card's performance, data usage, and overall network health. This enhanced visibility allows for informed decision-making and optimization of IoT resources.
- With the growing interconnected nature of devices, organizations are exposed on multiple fronts to potential security risks. IoT Suite incorporates advanced security measures to mitigate these risks, ensuring the confidentiality, integrity, and availability of your IoT data through the use of value-added services, such as SIGNiT®.
- Managing different types of connectivity can be a significant challenge. IoT Suite allows you to seamlessly manage various connectivity types and switch between terrestrial and cellular-compliant satellite connectivity. This unified approach simplifies the deployment and management of diverse devices and enables interoperability.
- With new connectivity and RSP technologies being continuously developed, it can be difficult to stay up to date and get access to the latest versions. IoT Suite is aligned with the latest eSIM specification standards: SGP.02 (M2M), SGP.22 (consumer), and SGP.32 (IoT), providing future proof eSIM and iSIM management.
- Complicated implementation across multiple devices and stringent connectivity integration. IoT Suite ensures an easy set-up for fastest time-to-market and global delivery through support of single Stock Keeping Units (SKU): Customers can administrate the device connectivity for single devices or for entire device fleets.
- G+D's IoT connectivity package covers 185 countries and more than 600 networks.



Main features

- **User-friendly dashboards** to effortlessly access critical information, monitor device performance, and analyze data trends.
- **Unified interface** for managing all devices and connectivity-related services.
- **Deep SIM diagnostics:** High visibility on network status to instantly assess the health and performance of your IoT ecosystem, allowing for proactive issue resolution.
- **White label** option to extend your brand identity across the entire multi-hierarchical platform.
- **Multi-hierarchical multi-tenant platform** with built-in billing engine for seamlessly managing costs and reducing administrative overheads.
- **Centralized subscription management** with control over billing cycles and customizable accounts for resellers, distributors and end-users.
- **Perform bulk updates and command execution** across a large number of devices simultaneously to save time and ensure consistency.
- **SIM applet management** to streamline the control over a range of SIM applets remotely managed centrally through the platform. i.e. IMEI Lock to prevent unauthorized use of SIM cards, Zero Touch provisioning for device or platform independent onboarding, and the multi-IMSI service for switching between various network infrastructures.
- **eSIM management** for remote configuration of devices with a whole range of network profiles and to enable enterprises the freedom to delete, or add profiles when required OTA.
- **Advanced analytics, detailed reporting and diagnostics tools** to empower your decision-making and troubleshooting.
- **Stock management** to help track the number of SIM cards being ordered and distributed as needed directly from the portal.
- **Support for all legacy and upcoming RSP standards** ensures that the latest technology is always available to choose from.
- **Full API availability** to facilitate effortless integration with other platforms.
- **Security Services:** VPNs with the ability to assign fixed IPs to a SIM and update IPs from the portal, in order to become dynamic (changing with each data session).



Benefits

- Centralized management of solutions
- In-depth analytics for transparent usage tracking
- Cost-effective flexible pricing plans
- Versatility to integrate with back-end platform through full API
- Comprehensive knowledge base with how-to videos and FAQs
- Customizable reporting tools
- Future-proof and resilient connectivity management tools (including eSIM & iSIM)
- Security module for protecting IoT generated data
- Launch actions in bulk to reduce manual entries

Business Value for Resellers

- Intuitive and self-serving capabilities for creating sub-accounts and customizing connectivity products to include margins
- Scalability to grow with your needs
- Customizable branding options to maximize your brand visibility to your child-accounts
- Clear overview of SIM card stock for easy stock management including option to transfer SIM card profiles between accounts and sub-accounts

Suitable for every use case

IoT Suite is the ideal platform for every industry:



HEALTH CARE



INDUSTRIAL



AGRICULTURE



TRANSPORT



SMART METERING



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 2023, the company generated a turnover of 3 billion euros. G+D is represented by 123 subsidiaries and joint ventures in 40 countries.

Further information: www.gi-de.com



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