Telekom IoT

Security for your IoT projects

Mobile IP VPN M2M

T Connecting
your world.

Your IoT project is underway and you've selected a suitable tariff. Now it's time to think about security for your IoT devices, because insufficient defenses can have serious consequences. These include data breaches, sabotage, and production downtime. What's the best way to make your IoT applications secure? According to Statista, two-thirds of all European companies that use the IoT have chosen to protect their IoT solutions with IP VPN products.[1] And connecting your IoT products through an IP VPN provides additional benefits on top of security.

Integrating the IoT into your IT landscape

Mobile IP VPN M2M ensures better visibility and integration of your IoT devices' communication by establishing a closed user group and assigning fixed IP addresses. By connecting your IoT devices over a secure VPN, they become part of your IT infrastructure. This means that you can always communicate directly and actively with individual devices. Which in turn enables greater protection against attacks. What's more, our IP VPN portfolio now offers a great deal of flexibility.
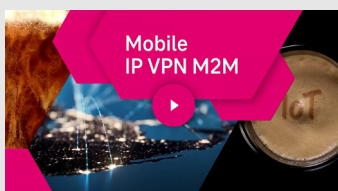
Closed user group

Outstanding protection of your IoT connection through Mobile IP VPN

Clear identification and direct access to your IoT devices

Flexibility to switch to other VPN products

Mobile
IP VPN M2M

Good to know:
In our IoT Espresso video series, we provide a clear and concise explanation of Mobile IP VPN M2M (in German).

Mit IP VPN
sicher wachsen

Give your IoT project the security to grow

Whether it is a pilot project, a large international project or critical infrastructure: we have the right VPN product for your IoT initiative. With our flexible VPN portfolio, there's no need to tie yourself down to a specific option long-term. Just pick the solution that best fits your IoT project right now. If the scope or security requirements change later, you can easily upgrade to another Mobile IP VPN M2M product at any time.

Starter
Mobile IP VPN M2M
OpenVPN

Ideal for startups, businesses new to IoT, and pilot projects

- Easy setup: **plug-and-play** on your PC
- Rapid deployment in under **48 hours**
- No advanced IT skills required

Bestseller
Mobile IP VPN M2M
IPsec CPE/Cloud

Ideal for companies that need higher performance

- **Connect to data centers or leading cloud providers**
- **Proven industry standard** with dynamic routing (BGP)
- **Higher availability (optional):** Redundant setup for additional reliability and interruption-free connections

Bestseller
Mobile IP VPN M2M
IPsec CPE/Cloud Internet Breakout

Perfect for companies that access applications over the public internet while securely transmitting sensitive data

- **An internet breakout eases the load on secure VPN connections:** Security is only applied to data that requires protection
- **Proven industry standard** with dynamic routing (BGP)
- **Higher availability (optional):** Redundant setup for additional reliability and interruption-free connections

Premium
Mobile IP VPN M2M
Leased Line

Ideal for especially demanding requirements regarding security and availability such as public utility, IT, healthcare, and transportation use cases

- **Dedicated leased line** separated from the internet
- **Dedicated bandwidth** at the agreed level
- **Complies with regulations** on the use of the IoT in the context of critical infrastructure for specified use cases

Price based on project scope

Prices do not include VAT

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