INSIDE M2M transforms the

EU Battery Regulation

into an opportunity

We have been implementing IoT solutions for companies of all industries and sizes for over 20 years. Our customers value our expertise, our flexibility and our customized solutions. With our IoT platform M2MGate, we have already networked well over 750,000 devices and support numerous companies in the digitalization of their business processes.

Seamless traceability
Track each battery over its entire lifecycle.

Smart battery packs
We develop solutions for collecting, storing and providing all relevant battery data.

Optimized collection and recycling
We help you to maximize your collection rate and increase recycling efficiency.

Predictive maintenance
Monitor your batteries in real time and minimize downtime through predictive maintenance.

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INSIDE M2M
SMART MACHINES

M2MGate V:
the future-proof IoT platform for the battery industry

The new Battery Regulation (EU) 2023/1542 presents battery manufacturers with complex challenges. M2MGate offers the ideal IoT platform to meet these requirements and generate new competitive advantages at the same time.

Seamless integration: M2MGate can be perfectly adapted to your existing processes and IT systems. Standard interfaces, a modern container architecture and the option of on-premise hosting ensure smooth integration into your existing IT landscape.

Maximum data security: Protecting your data is essential for us. M2MGate relies on state-of-the-art security standards: TLS encryption, device authorization via certificates, granular access control and continuous monitoring of devices and data.

Future-proofed scalability: M2MGate is designed for device fleets of any size and actively supports your growth strategies. Whether you network a thousand batteries today or a million tomorrow - our platform opens up new opportunities and maximizes your possibilities.

Intelligent battery management: M2MGate enables the implementation of intelligent battery management systems with real-time data logging and analysis. The collected data is used to optimize battery life and develop new services such as predictive maintenance..

Transparent CO2 accounting: Record and analyze energy consumption and CO2 emissions in battery production. Document the CO2 footprint of your batteries transparently and legally compliant in the digital battery passport.

Secure platform for the digital battery passport: M2MGate offers a secure and interoperable platform for managing digital battery passports. The data is stored in compliance with the GDPR and can be accessed by authorized parties in the appropriate level of detail, depending on their role.

Benefits for your stakeholders

End users benefit from longer-lasting batteries, innovative services and transparent information.

Recycling companies receive all relevant battery data and can optimize the recycling process.

Market leaders fulfill all relevant requirements of the regulation. In addition, the data obtained enables product development to be accelerated and the efficiency of the batteries to be continuously improved.

Further Information:

1. Visit our website inside-m2m.de.
2. Download our M2MGate Factsheet and our Whitepaper.
3. Read testimonials from our numerous well-known customers.
4. Schedule a non-binding consultation with our experts.

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