

DIGITAL BATTERY PASSPORT

COMPLIANCE TO EU REGULATION

BE PREPARED FOR BATTERY DIGITAL PRODUCT PASSPORT REGULATION WITH ELEVISION GROUP'S INNOVATIVE AND COST-EFFECTIVE SOLUTION

WHAT IS DIGITAL PASSPORT?

- Starting **February 2027**, Digital Product Passports (DPP) for batteries will be mandatory in Europe, enabling product lifecycle track and trace.
- This is part of Europe's strategy to **promote a sustainable circular economy through digitalization**, with Digital Passports as a key component.
- The **EU approved Directive 2023/1542 on batteries and waste batteries**, updating previous regulations to support a sustainable and competitive battery market.
- The regulation aims to **ensure market efficiency, minimize environmental impacts, and protect human health** by managing waste batteries more effectively.
- Some provisions took effect on **February 18, 2024**, with the full Digital Passport system rolling out in February 2027.
- The Battery Passport will provide an **electronic record capturing key data throughout a battery's lifecycle**, accessible to authorities, economic operators, and consumers.

The scope of batteries that will need to be compliant are:



Electric vehicles
(EV) batteries



Batteries in light means
of transport (LMT)



Industrial batteries
with a capacity > 2kWh

In conclusion, the EU Battery Regulation aims to:

- **Encourage circularity:** By making data available to enable second-life usage & improve recycling quality & quantity.
- **Enhance transparency:** Providing consumers with information on the environmental & safety performance of batteries.
- **Promote sustainability:** Ensuring sustainable production practices & reducing environmental impact throughout the battery lifecycle.
- **Ensure safety:** Protecting human health & the environment.

The Battery Passport will be implemented as a QR code on each battery, providing access to regulatory data and dynamic battery information, such as state of health and performance.



OUR LOCATIONS

12+

Countries

6 000+

Projects

60+

Companies

2 000+

MW of PV O&M

113+

Locations

500+

MWp of new PV per year

1 100+

mil. Eur revenue

65+

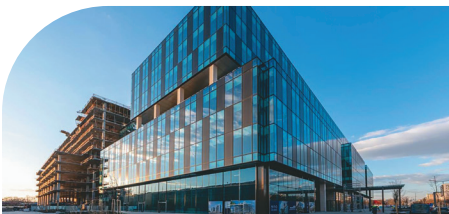
MWp of floating PV

**WE ARE 60+ INDIVIDUAL COMPANIES,
BUT TOGETHER, WE FORM ONE
LEADING EUROPEAN GROUP.**

Elevion Group is a leading European provider of end-to-end decarbonisation and higher energy efficiency solutions. Thanks to its unique structure and its pioneering spirit, its capabilities can be easily scaled across the project scope, for various project sizes and a range of required expertise.

Elevion Group **operates on 12+ European markets** (including The Netherlands, Germany, Austria, Italy, Poland, Romania and Hungary) through **60+ highly specialised independent companies**, but with the financial strength of an international group. The group is uniquely positioned to deliver a regulatory-compliant, cloud-based solution for Digital Product Passports in line with EU regulations.

BUILDING ENERGY SOLUTIONS



- Energy efficiency & decarbonization solutions for buildings
- Mechanical and electrical services, operation & maintenance
- Building & process automation
- Design & engineering solutions
- Hard facility management

GREEN ENERGY



- Photovoltaic solutions
- Heat pumps
- Biogas & biomethane solutions
- Hydrogen solutions
- Energy storage
- E-mobility solutions

ENERGY FOR INDUSTRY



- Energy efficiency & decarbonization solutions for industry
- Water treatment solutions
- Tri / Cogeneration solutions
- Industry parks and local energy distribution networks
- Industrial automation
- Track & Trace

WHAT DOES ELEVISION GROUP OFFER?

- **REGULATORY ANALYSIS:** Conduct technical and legal reviews of Implementing & Delegated Acts to assess industry impacts and solution needs, supporting EU engagement & addressing business process impacts.
- **IMPLEMENTATION ADVISORY:** Provide consulting on implementation requirements, including impact & solution analysis, process impacts, and tailored design.
- **PILOT AND FULL IMPLEMENTATION:** Develop use-cases & pilots to validate solutions, integrate with existing systems & assess regulatory impacts on the supply chain, while supporting engagement & PR activities.

WHY CHOOSE ELEVISION GROUP?

The team has extensive experience in Track and Trace (T&T), Line Automation, and Supply Chain management. They've designed and implemented digital passport-based T&T solutions for FMCG products, incl. tobacco, globally and in Europe under EU Directive 2014/40/EU. Their expertise in FMCG T&T, combined with Elevion Group's energy expertise, enables them to deliver solutions for compliance with the Battery Passport requirements (EU Directive 2023/1542). This provides companies with powerful tools for decision-making, progress monitoring, combating illicit trade, product recalls, and enhancing transparency for regulators, customers, and investors.

→ PROVEN COMPLIANCE

Guaranteed compliance with EU Directive 2023/1542.

→ EXPERTISE

Our team developed the EU's leading T&T system for the tobacco industry.

→ SEAMLESS INTEGRATION

Leverage our expertise to ensure smooth implementation & compliance with the new battery directive.

CHOOSE ELEVISION GROUP FOR A RELIABLE AND QUALIFIED SOLUTION TO MEET THE NEW EU BATTERY REQUIREMENTS AND TAKE A LEADING POSITION IN THE MARKET.

OUR EXPERT TEAM



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Areas of Expertise

Strategy and Planning, Track and Trace Expert, Business Development, Business Solution Consulting, International Management, Large-Scale Solution Implementation, Key Account Management and Programme Management

Career Summary

- Began his career in 1993 as a freelance engineer on global projects.
- Served as Head of Engineering at Westinghouse Controlmatic in Munich, leading teams and driving automation innovation.
- Joined HERMOS in 2000, transforming it from an owner-based tech company to a corporate entity.
- Directed HERMOS AG, now part of Elevion Group, in merging start-up culture with established technology, solidifying industry leadership.
- With 30+ years of experience in engineering, automation and computer science, he consistently aligns business excellence with customer needs.
- Developed a portfolio of solutions that have become industry standards.



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Areas of Expertise

Strategy and Planning, Track and Trace Expert, Business Development, Business Solution Consulting, International Management, Large-Scale Solution Implementation, Key Account Management and Programme Management

Career Summary

- Over 30 years of experience in system development, project management and senior IT management.
- The last 16 years, he has focused on product authentication, traceability and end-to-end supply chain visibility.
- Skilled in developing and implementing business and technology strategies.
- Has extensive experience from leading major programs at a multinational corporation to driving commercial growth at two start-ups.
- Ability to manage complex projects and lead cross-functional teams.
- His grasp of both technology and business needs makes him a valuable asset for achieving strategic goals and fostering innovation.