

# Your Partner in Battery Transparency

MOBIUS+ is a next-generation Battery Lifecycle and Traceability System that unifies monitoring, compliance, and lifecycle data into one intelligent platform.



From raw material sourcing to second life and recycling, MOBIUS+ empowers and connects every stakeholder in the supply chain – raw materials manufacturers, battery producers, vehicle management companies, recyclers, and regulators – with complete visibility and traceability.

The platform seamlessly integrates battery lifecycle data, enabling organizations to make data-driven decisions that support circularity and sustainable lifecycle management.

## Intelligent Analytics

Improves battery lifespan through predictive performance insights



## Digital Battery Passport

A secure digital record of a battery's lifecycle, usage history, and environmental footprint



## Digital Product Passports

Track materials, ownership, and changes with a verifiable digital trail



## Data Visibility

Public data via QR scan & sensitive data for authorized users only



## Blockchain-Powered Integrity

Tamper-proof, immutable battery data secured through blockchain



## Flexible Passport Creation

Generate Passports via bulk import, manual input, or APIs



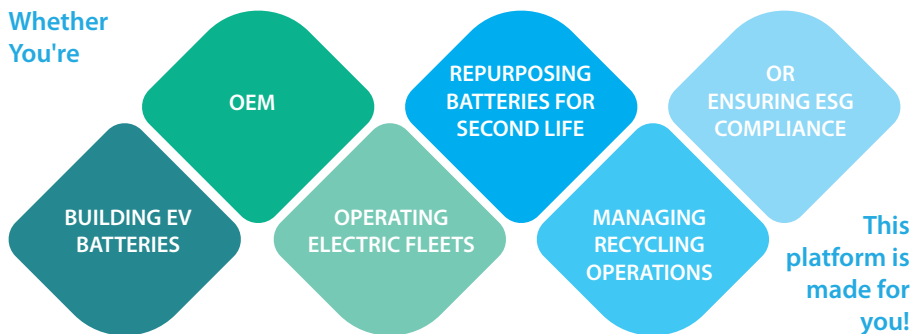
**MOBIUS+**  
KEY  
FEATURES

# Intelligent Analytics for Smarter Battery Decisions

USAGE ALERTS	MAINTENANCE ALERTS	SAFETY ALERTS	LIFE ALERTS
<ul style="list-style-type: none"><li>Predict User Based Abuse &amp; Provide Advance Alerts</li><li>Identify Charging Patterns To Provide Abuse Alerts</li></ul>	<ul style="list-style-type: none"><li>Predict Mechanical Failure in Advance</li><li>Predict Future Cell Imbalance</li><li>Missing Data Using Physics Based Algorithms</li><li>Detect Advance Sensor Failure</li></ul>	<ul style="list-style-type: none"><li>Advance Thermal Runaway Alerts</li><li>Potential Cell Overheating Alerts</li></ul>	<ul style="list-style-type: none"><li>Reliable State of Health (SOH)</li><li>Estimation Reliable Power Fade Estimation</li><li>Remaining Useful Life (RUL) Estimation</li></ul>

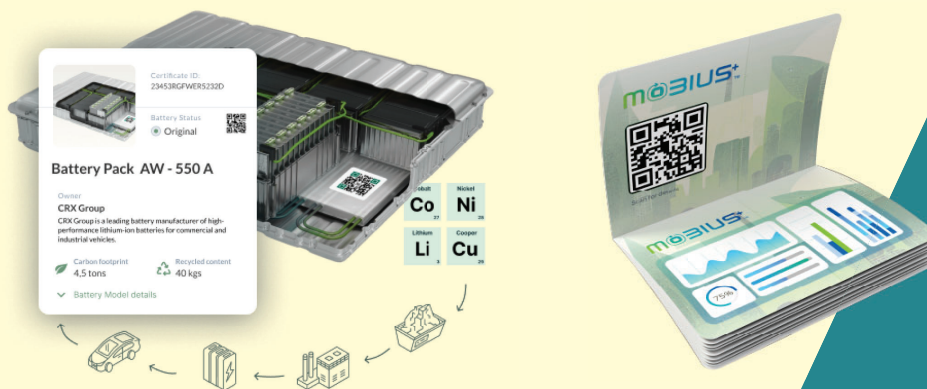
Analytics module delivers business value by enabling real time and lifecycle wide insights into battery performance, health and compliance. It supports predictive decision making through intelligent monitoring, helping reduce downtime, extend battery life, and ensure safety and regulatory readiness. By analyzing usage patterns and operational data, the platform empowers stakeholders to take timely, data-driven decisions.

Whether  
You're



## KEY CUSTOMER BENEFITS

- End-to-End Battery Traceability & Ethical Sourcing
- Seamless Collaboration Across the Supply Chain
- Smart Battery Insights for Lifecycle Optimization
- Sustainability Reporting & ESG Readiness
- Second-Life & Recycling Intelligence



## EXPLORE THE FUTURE OF BATTERY LIFECYCLE

—START WITH A DEMO,  
CONSULTATION, & PILOT TODAY!

Email: [products@tataelxsi.co.in](mailto:products@tataelxsi.co.in)

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