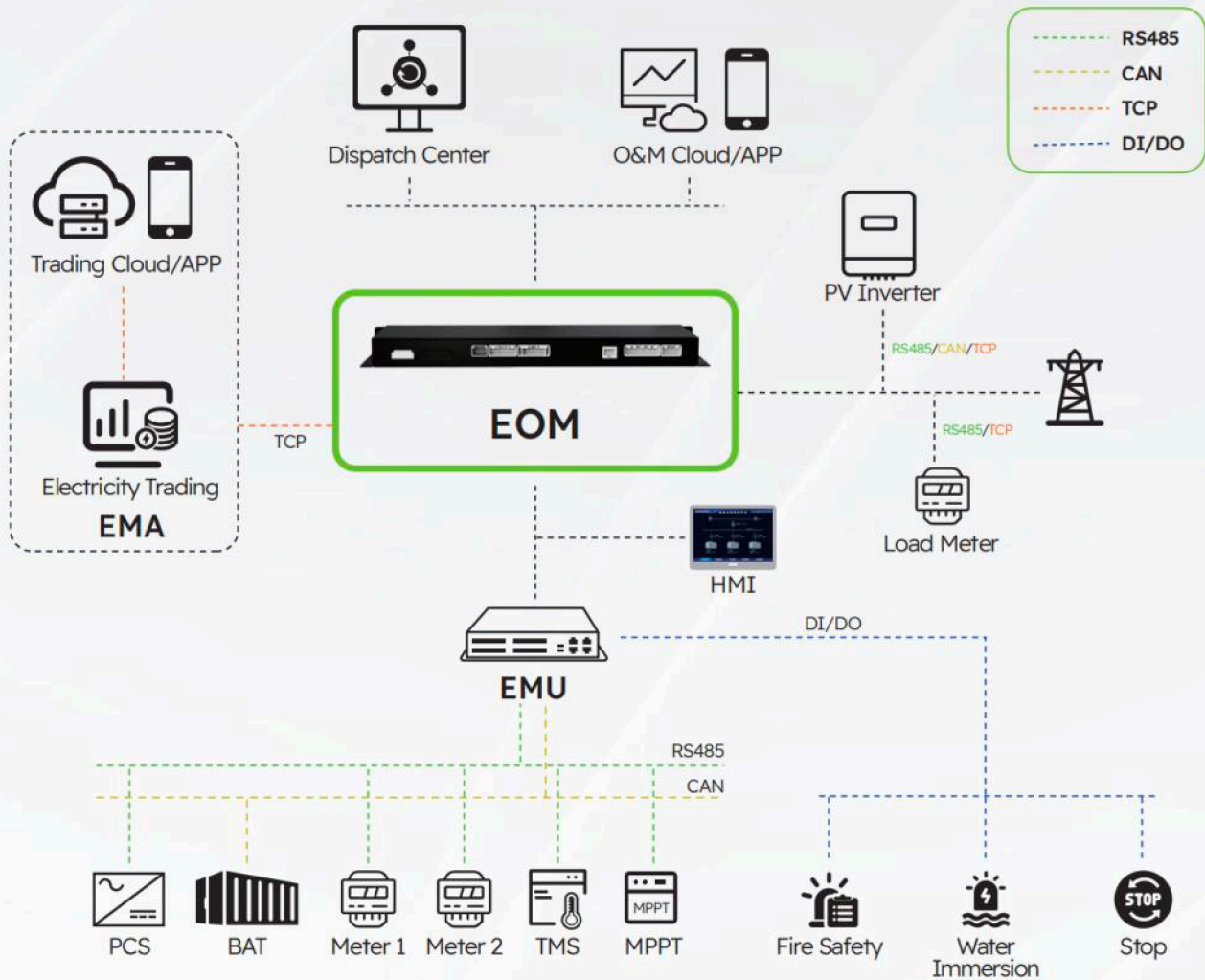


Energy Management System (EMS)

Automotive-Grade Standards, Defining the Brain of ESS



EMA: Energy Market Application EOM: Energy Operations Manager EMU: Energy Management Unit

Total Safety · Automotive Grade

- ASIL-B Certified: Compliance with automotive standards.
- Multi-layer Safety: Full hardware & software protection.
- Secure Boot: SecureBoot for low-level safety.

Dynamic Monitoring · Precision Control

- MBD-Based Control and Millisecond-Level Real-Time Response.
- Revenue Optimization: Dynamic estimation for optimal returns.
- Intelligent Longevity: Self-calibration for longer life.

Worry-free Operation · Smart O&M

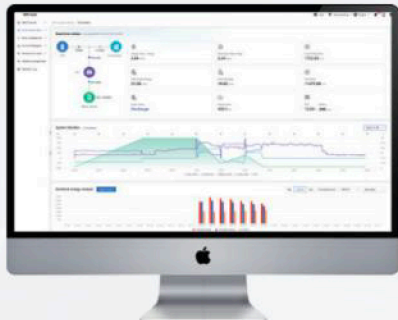
- Fault Isolation: UDS-based precise fault location.
- Panoramic Monitor: Million-level data proactive alerts.
- Cost Reduction: Cloud-based management lowers costs.

Advanced Architecture · Rapid Upgrades

- Efficient Architecture: Modular AUTOSAR software design.
- Global Connectivity: Million-level data instant access.
- Remote Upgrades: High-speed OTA for multi-projects.

EMS Cloud Platform

An advanced EMS designed to reduce operational risk, stabilize returns, and support long-term energy storage projects.



Enerlution AI intelligently manages and optimizes every energy scenario within the complete Enerlution ecosystem.

Easy to use Enerlution AI integrated Platform

Application Scenarios

One EMS Platform. Multiple Real-World Applications. Designed for long-term, reliable energy storage operation.



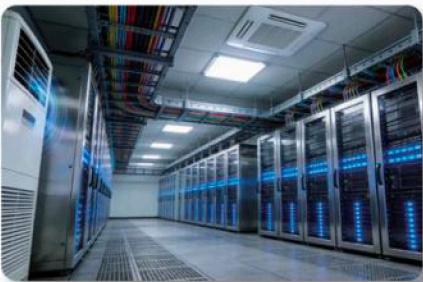
Commercial & Industrial ESS
Cut electricity costs. Simplify operation.



PV + ESS Systems
Use more solar. Use less grid.



Microgrid & Off-Grid
Stable power under unstable grids.



Backup Power & Critical Loads
Power continuity when it matters most.



Multi-Site & Scalable Projects
Grow from one site to many.



Hybrid Energy Systems
Seamless multi-energy coordination