A new approach to project delivery

ABB's Plant Optimization Methodology for Battery Manufacturing can help you reduce project changes, complexity, risk, and cost to ensure the fastest time to market.

Traditional execution

Multiple vendors, multiple interfaces
Non-integrated systems lead to finger-pointing between vendors, communication sync problems, and additional programming.

Fractured collaboration
Back-and-forth processes add time, cost, and confusion.

Design freeze
Project loses ability to adapt.

On-site integration test
Unforeseen complexity forces re-engineering.

Complex installation
Shipped components arrive and are integrated on-site, causing delays.
- Field devices
- Junction boxes
- Marshalling cabinets
- Multicore cables
- Homerun cables
- Control room
- Automation cabinets

End user integration
Shipped components arrive and are integrated on-site, causing delays.

Continuous digital build and test
Manufactured modules assembled off-site

Streamlined installation

Manufacturing Execution System (MES)
Lifecycle management
Performance optimization

ABB’s approach

Seamless integration
Electrification
Instrumentation
Control
Digital Technology

Centralized collaboration
End user
ABB
EPC

DESIGN WITH EICD INTEGRATION
ABB ADAPTIVE EXECUTION™
ONGOING OPERATIONS

Scan this QR code to learn how to achieve schedule compression of 10-30%.