Expanding Production Through Automation with SAP® Manufacturing Suite

Before: Challenges and Opportunities
• Meet growing worldwide demand for lithium-ion batteries used in electric vehicles
• Accelerate manufacturing processes by automating production workflows
• Maintain high quality standards to fulfill strict compliance requirements

Why SAP
• Comprehensive intelligent manufacturing functionality offered by SAP® Manufacturing Suite
• In-memory computing capabilities provided by the SAP HANA® platform, enabling large-scale collection and analysis of data from machine sensors
• Expertise and guidance provided by SAP MaxAttention™ services and SAP Digital Business Services, enabling a smooth implementation

After: Value-Driven Results
• Faster production processes, resulting in increased production volume
• Robust quality monitoring through real-time updates of shop-floor operations and end-to-end traceability across production processes
• Reduction in time to market for introducing new product lines for a significant competitive advantage
• Better business decisions based on detailed production intelligence drawing on a single source of truth

"SAP Manufacturing Suite accelerated production and enabled detailed monitoring at every stage, helping us comply with stringent quality standards."
Chen Ling, CIO, Contemporary Amperex Technology Co. Ltd.

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25%
Increase in production, thanks to automated processes

8,000
Machines integrated onto one intelligent manufacturing platform