Building MES for centralization of vehicle lightening business and creation of synergy effects

Project Description
• Customer: Domestic steel manufacturing enterprise
• Solution: MES, FMB, REPORT, Equipment Interface
• Range: Light weight parts (TWB, H/F, H/S), fuel cell driver plate
  - Integrated MES system, equipment automation linkage,
    External interface (ERP, TMS, third party MES solution)

01 The Challenge
• Need to integrate the dispersed tasks and systems by product
• Need to establish standard work processes according to various factory operation methods
• System configuration that can flexibly adjust to expansion of new plants and new businesses
• Increased quality requirements by domestic and overseas customers

02 The Solution
• Standardized processes of dispersed work
• Integrated data, system, etc. which were separately operated
• Applied a proven solution that can be flexibly applied to changing work environments
• Strengthened quality response capability through equipment automation linkage

03 Benefits
• Eliminated duplicated and ineffective work through application of electronic standard process
• Tracked manufacturing/quality and strengthened responding capabilities
• Enhanced inventory management through linkage with equipment automation and management of MES receipts and disbursements
• Achieved customer satisfaction through prompt response to customers' changing needs