

Tech Mahindra Collaborates with an American Semiconductor Foundry in their Camstar Implementation & Support Program

The client is a large American Semiconductor foundry manufacturing high-end semiconductor chips

Tech Mahindra worked with the client and successfully implemented Camstar 5.8 Semiconductor Suite.

Features

- Easily integrate business systems and shop floor equipment's
- Standardization and improved efficiency - Replaced legacy systems with a modern and robust MES which is capable of handling high transaction volumes

Opportunities

- Large number of standalone applications (85+)
- Factory configuration data spread across multiple applications
- Individual applications had their reports in different formats
- Separate protocols to support the different legacy equipment's

Highlights

- One MES platform across the factory
- Real time data available within MES from ERP systems and Equipment's
- Flexible UI and latest browsers supported

Our Solution

- Implemented Camstar 5.8 Semiconductor Suite
- Integrated Recipe Management into Camstar 5.8
- Integrated Equipment Management Modules (Equipment Status Change/Equipment PM Maintenance/Equipment Constraint System) into Camstar 5.8
- Consolidated standalone applications functionalities into Camstar
- Consolidation of all reports in Camstar BI using SAP BO
- Integrated equipment communications through Camstar WCF calls
- Completed data migration from existing apps into Camstar 5.8

