



Case Study



Client

Taiwan semiconductor mfg company

#1 Foundry operation in the world, providing 60% of the world's semiconductor chips. Each fab costing \$5-20 billion in assets



Solution

Supply chain planner, plant planner

- Adexa implemented corpwide
- Supply chain planning
- Dynamic planning & scheduling
- What-if analysis
- Real-time sequencing
- Real-time integration with MES



Value Proposition

Provide global visibility of supply chain to ensure on-time delivery, reduce planning cycle time, reduce costs



Benefits

TSMC continues to benefit:

- Significant reduction in cycle times
- Substantial reduction in work in progress
- Significant improvement in delivery performance
- Order of magnitude faster solve time than the competition
- Autonomous operation of fabs