Planning the Implementation of a New ERP Software Platform
• Enterprise Resource Planning Software
Arrow Gear

• 60M Annual Revenue
• More than 200 Employees
• Major Aerospace/Defense and Commercial Customers

• Niche
  – High Precision Gears
  – Spiral Bevel Gears
  – Full in-House Capabilities
Our Task

Arrow Gear is upgrading Visual ERP

• Investigate current issues with Visual ERP Version 6.3.8
• Determine how upgrading to Visual ERP Version 6.5.2 helps
• Investigate additional opportunities for improvement
Methodology

- Divided Responsibilities by Department
- Independent Research
  - Gear Manufacturing
  - Visual ERP
- 7 Plant Visits
  - Visual ERP Training Sessions
  - Employee Interviews
- On-Site Round-Table Discussions
Issues

• Interface
  – Format of viewing information
  – Inferior features

• System Logging
  – Security
  – Tracking
Issues Continued

• Module Communication
  – QA & Accounting
  – QA & Engineering

• Production Estimation
  – Gear production times
  – Individual processes estimation
Presenting Results

- Roundtable Discussion with Management
- Forthcoming Presentation with Executives
- Discussed Updated Process Flowchart
Arrow Gear’s Future

• Roundtable discussion with Arrow Gear’s senior management
• Discuss policy changes to address issues external to Visual ERP upgrade
Questions