

Avanex

- ✦ **Leading global provider of fiber optic communications network components**
- ✦ **Business objectives for PLM deployment:**
 - **Develop innovative products**
 - **Speed new product introduction to market**
 - **Permanent cost optimization**
 - **Major challenges in product development:**
 - ◆ **Complex and rapidly changing product configuration**
 - ◆ **Managing development projects across multiple locations**
 - ◆ **Outsourcing to contract manufacturers**

Avanex (cont.)

✦ Capabilities implemented:

- Engineering Change Request/Engineering Change Order (ECR/ECO)
- Contract Manufacturer Integration
- Document management for engineering documents including distributed vaulting capabilities

✦ Project Schedule:

- Phase 1 and 2: February-August 2004
- Phase 3: April-May 2005
- Phase 4: Went live in February 2006
- ERP and PLM-integrated approach required new definition of business processes related to product data creation

✦ Key benefits:

- Reduced time-to-market for new products
- Improved ability to respond to changes in customer needs and market demand
- Reduce product costs by using accurate product information
- Enhanced collaboration among engineering centers and internal/external manufacturing operations
- Reduced costs and burden in IT department