Agenda

• Overview of 6 Sigma DMEDI Process
• Managing New Product Introduction (NPI)
• Governance Structure for NPI Program
• Integrating 3rd party Consulting in your 6 Sigma Plan
DMEDI

- Focuses on development of new products, services, processes, and plants that precisely meet customer current and future needs
- Utilizes multiple tools and techniques
- Sustains improvement over the long-term
- Disseminates improvement throughout the organization
- Acts as an agent of change
When to Use DMEDI

- Process doesn’t currently exist
  - **New product or service introduction**
  - Multiple fundamentally different versions of the process are in use
- **OR**
- When incremental improvement isn’t enough
  - Process broken or does not exist
  - Process has reached entitlement
  - Information technology implementation
Structured NPI Work Conversion Process

NPI Program

NPI = New Product Introduction

Major Project Initiative managed through concurrent integrated 6 Sigma Projects

6 Sigma Project Charters
How does DMEDI/NPI Manage the Process?

- Defines Overall Project Plan in terms of
  - Critical Customer Requirement (CCRs)
  - Critical Business Requirements (CBRs)

- CCR’s and CBR’s risk assessment reviews define segmented needs to mitigate risk
  - Technology Gaps
  - Change Management Training and Communication Gaps
  - Process Workflow Gaps

- Segmented Risk Mitigation Responsibility
  - Allows Project Manager to Concentrate on Overall Delivery
  - 6 Sigma Brings Clarity, Consistently, and Commitment in closing gaps
Using DMEDI/NPI for Large Technology Projects

• Program Manager
  • Develops overall DMEDI/NPI project plan
  • Tracks timeline progress – addresses overall activity flow
  • Monitors benefit/expense load

• Technology/Change Management/Process Managers
  • Sponsors integrated projects to address design gaps
  • Work handled through embedded Black Belts to manage Design Execution

• Master Black Belt assists Program Manager in documentation, communication, and resource planning
Program Governance – Organization Structure

Overall Project Umbrella

Steering Committee

Global Program Director

Program Management Functions

Integration Management

Project Management

Change Management (full 6 Sigma)

Issues From Each Function

Program Standards & Best Practices

Status, Issues & Feedback

Unison Design/Development Teams

Design Team

Technology Team

Support Teams

Global Subject Matter Experts (SME’s)

Information Technology

Education, Coaching & Compliance

Education
Organizational Governance

Project Governance
Program Champion, Steering Committee and Global Program Director

Project Management oversees the status for all project workstreams, manages action plans for issues impacting schedule or budget, and oversees benefits realization process.

Process Design facilitates all activities related to developing our new Unison global processes.

Technology facilitates all activities related to technical requirements and configuration of the solution and interfaces.

Change Management controls communications, manages organizational impact, and coordinates 6 Sigma participation.

Integration Management coordinates interaction between Process Design and Technology in the development of the solution and facilitates all solution testing.

6 Sigma coordinates activities between Change Management and Integration Management.
Integration of 3rd Party Consulting

• Green Belt Training for Lead Consultants

• Rationalize differences in Project Management Approach

• Look for a “Common Language”

• Make the most of Consulting Tools
  – Continue to be true to the 6 Sigma Recipe