



**GE IT Solutions**

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**Six Sigma DMAIC Project**

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# Domain Consolidation

GE Medical Systems

**Project Leader/Green Belt:** Donovan Mello

**Project Leader Title:** Senior Systems Engineer

**Project Start Date:** March 4, 2003

Master Black Belt: Steven Bonacorsi



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# Six Sigma in Action Domain Consolidation

**Customer Profile** – 36,000 seat Medical Systems Company

### **Business Problem & Impact**

GEMS has 60 domains that must be consolidated/migrated to the new Active Directory domain GEMEDAMERICA.

### **Measure & Analyze**

**Data Collection:** Validate repeatability and reproducibility using Gage R&R methodology against all servers. Collected 605 Data points which allows us to determine accurate defect to success ratios

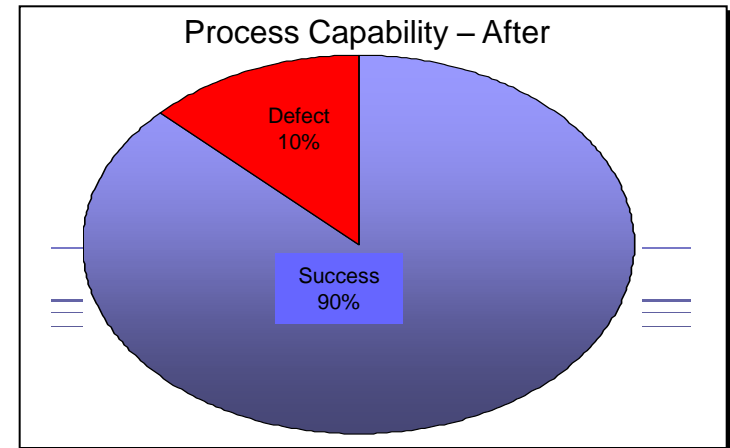
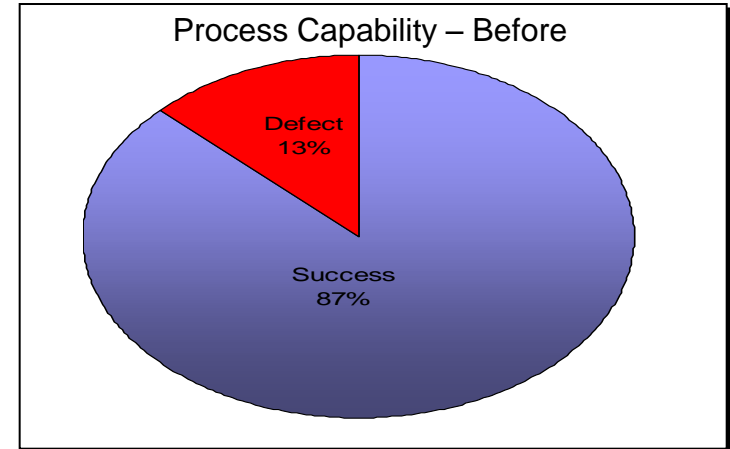
**Root Causes:** Two step migration process produced very poor success rates per migration opportunity

### **Improve & Control**

Implement single step migration process by committing both Domain Migration and Server Consolidation teams to work together during each migration opportunity

### **Results/Benefits**

After the 3 month project, the customer saved US\$ 28K, after 6 servers were removed from the domain without having to add a new server.



**A Customer Savings of US >\$2M in 2003!**