



GE IT Solutions

Putting the power of GE behind IT

Six Sigma DMAIC Project

Local Asset Inventory MGMT

GEAE Account: Madisonville, KY Site



Project Leader/Green Belt: Keri Chandler

Project Leader Title: Customer Engineer, Certified Green Belt

Project Start Date: June 7, 2002

Master Black Belt: Steven Bonacorsi



Customer Profile – 18,000-Seat Aircraft Engines Manufacturing and Service Company

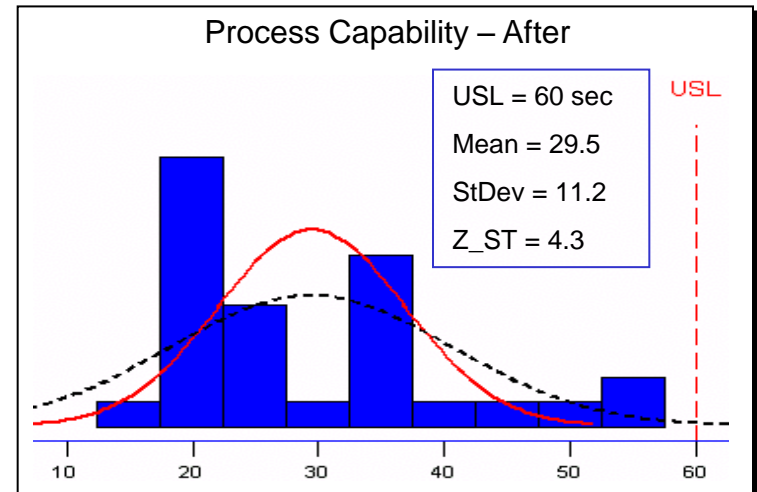
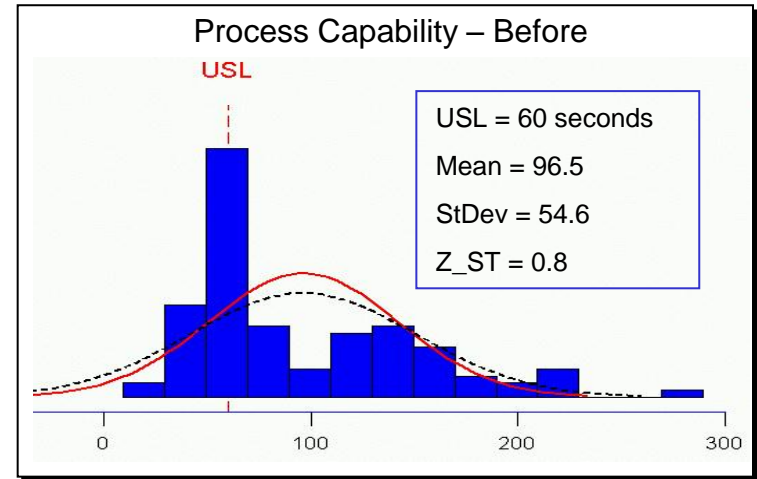
Business Problem & Impact

Madisonville does not have an easy way to track inventory. Thus when information is needed, someone must physically establish equipment location.

Measure & Analyze

Data Collection: Validated repeatability and reproducibility using A stop watch. Collected 200 data points to see how long it takes to inventory equipment.

Root Causes/Sources of Variation: Human error with the manual recording of data.



Improve & Control

- Simulated pilots tests were run for each scanner type and repeated by two technicians to evaluate the best cycle time and functionality.
- Improved the accuracy with scanned asset details with the removal of manually recording multiple entries.

Results/Benefits

- Digitized technology decreased cycle time to < 1 minute
- Benchmarked scanner cycle times, Improving process from 96.5 to 29.5 seconds, to meet customer CTQ <= 60 seconds!

A Total Savings of US \$2,240