



MTS In The Oil & Gas Industry

About MTS

MTS World Inc. (MTS) is an international consulting and contracting organization dedicated to improving workplace performance through an effective industrial training and process management system.

With a track record of more than 40 years, MTS has successfully implemented more than 1,000 projects in 34 countries, for 170 companies, in 8 languages. The work is done by experienced consultants with direct experience in the operation and management of industrial sites.

A significant percentage of our project portfolio is in the oil and gas industry, including refining, exploration & production and petrochemical.

Following is a representative list of the projects done in the oil and gas industry.

- ✚ BP-Amoco (USA)
- ✚ Citgo (USA)
- ✚ Sunoco (USA, Puerto Rico)
- ✚ Texaco (USA, Trinidad)
- ✚ ExxonMobil (Canada, Australia, Malaysia)
- ✚ Ecopetrol (Colombia)
- ✚ Petrobras (Brazil)
- ✚ Pluspetrol (Argentina, Peru)
- ✚ Repsol-YPF (Argentina)
- ✚ Shell Oil (USA)
- ✚ Arco (USA, Indonesia)
- ✚ Refinor (Argentina)
- ✚ ConocoPhillips (USA, Norway)

Types of Projects

MTS projects are all customized and tend to fall in one of these categories or combinations of them:

- ✚ New sites with new people.
- ✚ Existing sites with new technologies
- ✚ Existing sites looking for improvements

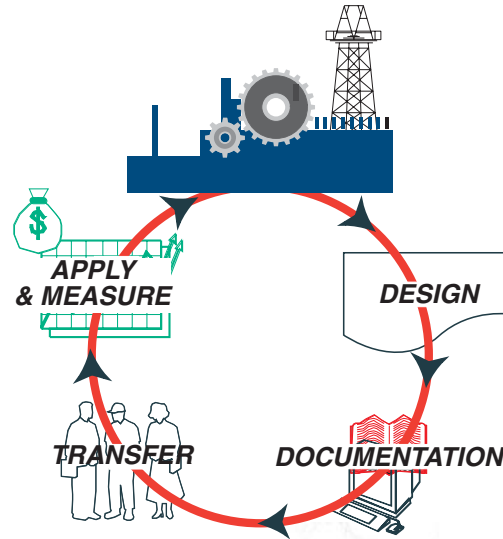
Results

Through the customized implementation of the MTS System (see column to the right), following are some of the results reported by our customers:

- ✚ Operating costs reduced by \$5 million/year
- ✚ Productivity increased by 18%
- ✚ Start-up under budget and ahead of schedule
- ✚ Improved operational uniformity and safety
- ✚ Return of training investment of 100%
- ✚ Return on capital improved from 17% to 36%

The MTS System

The MTS System as a whole is represented as follows.



1. **The Design Phase includes:**
 - ✚ Analysis of Technology-Organization-People
 - ✚ Process Maps
 - ✚ Competency Maps
 - ✚ Program Design
 - ✚ Implementation Plan Development
2. **The Documentation Phase includes:**
 - ✚ Developing process and equipment manuals
 - ✚ Training Writers (Write-To-Learn strategy)
 - ✚ Electronic conversion of documents
 - ✚ Modules from the MTS Library
3. **The Transfer Phase includes:**
 - ✚ Learning-How-To-Learn™
 - ✚ Training Facilitators
 - ✚ Gap Assessment
 - ✚ Training Vs. Gap
4. **The Apply & Measure Phase includes:**
 - ✚ Training Measurement
 - ✚ Business Impact Measurement
 - ✚ Audits
 - ✚ Certification
 - ✚ Integration of Initiatives
 - ✚ Sustainment and Optimization