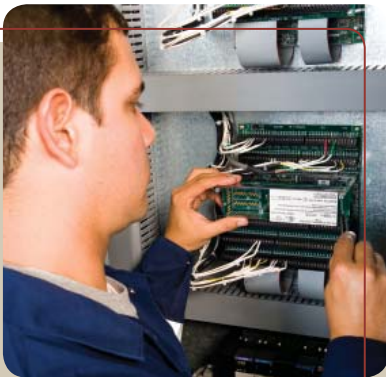


Measurement *CARE*™

System Modification and Upgrades



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FMC Technologies is ideally positioned to help customers extend the life and functionality of their measurement systems. Having designed, engineered, installed, and commissioned more than 150 upgrades of varying scope and complexity, including both FMC and non-FMC equipment, FMC consultants have become experts known for their knowledge and versatility.

We help customers:

- Increase capacity by adding additional meter runs;
- Upgrade flow computers and control systems;
- Streamline interfaces with SCADA and DCS systems;
- Reduce measurement losses; and
- Enhance environmental protection and meet evolving compliance requirements.

System Modification and Upgrades

Complete Solutions for Seamless Migration

The combination of Measurement CARE™ Consulting Services, our Buy-Back Program for old equipment, and our Installation Supervision and Commissioning Services can ensure seamless migration to new measurement technology and enhanced maintenance procedures.

For example, older meter systems can be upgraded to remote access and Condition-Based Maintenance (CBM) and/or software for statistical analysis of meter factors per the API Manual of Petroleum Standards, Chapter 13. With this approach, meters can be continuously monitored for accuracy and maintenance can be performed as needed. This reduces both operations and maintenance costs.

Extending Equipment Life

When considering upgrades, FMC Measurement CARE consultants go beyond equipment to consider integration with other plant or terminal systems, remote approaches to maintenance and operations, software features that can facilitate continued compliance with new regulations, and even new spares and parts inventory systems. We also plan upgrades to keep the system operational for as long as possible.



Our goal is to provide continuing high performance of your custody-transfer measurement systems and continuing high performance at the bottom line.