



## XTO Energy Achieves 100% Work Completion Rate With eMaint X3 CMMS

### Background

Fort Worth, TX based XTO Energy was founded in 1985, becoming the largest producer of natural gas in the United States before being acquired by Exxon Mobil Corporation in 2010. A new organization was formed to manage the global development of unconventional gas and oil resources. Doyle Lawson, Plant Foreman at the Cornell Mahoney Gas Plant currently manages the maintenance operations through the use of eMaint X3 CMMS. Doyle and a combined team of 15 technicians are tasked with maintaining over 500 assets in the Cornell plant alone, including electric compressors, pumps, skids, and air dryers.

### Challenge

At the time Doyle joined XTO Energy, there was no formal system in place for tracking preventive and corrective work orders or measuring backlog and work completions. Doyle needed a system that would allow operators to report issues at any time during their shift and enable Doyle to assign work based on priority and skill. This includes submitting emergency work requests in the middle of the night, since the plant runs 24 hours a day. With their former hand-written system, work requests often got misplaced and were left unattended.

### Implementation

Although other XTO sites were using an in-house CMMS system, Doyle chose to implement eMaint because it was easy to use and Internet based. With a web-based system, Doyle can log into the system and approve and assign Work Orders off hours. Shortly after implementation, the Cornell plant began tracking PMs and work requests. Doyle was able to estimate time required to perform each task and monitor backlog. Most importantly, each work order was able to be assigned by craft and tracked to completion, resulting in a 100% work completion rate. Improved safety was an added benefit resulting from auto-generated monthly and annual safety PMs.

Doyle and his team were visited on-site by a member of the eMaint Professional Services team of Certified Maintenance and Reliability Professionals (CMRP). The visit provided consistent training to all users, shortening the learning curve and improving productivity. Additionally, X3 reports were set up to meet their specifications. Doyle plans to take advantage of eMaint on-site services again as they roll out the system to additional sites.

### Benefits

- An increase from 70% to 100% in work completion rates with no additional staffing.
- Visibility into work backlog at all times.
- Ability to use reports to track PM and Work Order status.
- Professional Services On-Site Training and Configuration resulted in rapid improvements.
- Web-based system allows anytime/anywhere access, supporting 24 hour operation.

"eMaint's Professional Services team not only provided on-site training for the entire team, but also ensured the system was configured to match our exact specifications, helping us achieve results rapidly."

Doyle Lawson  
Plant Foreman  
XTO Energy  
Denver City, TX