

MAXIMO MIGRATION STRATEGY

Coffeyville Resources Completes Ahead-of-Schedule MXES Migration

Coffeyville Resources (Coffeyville, KS), a refinery and nitrogen/fertilizer business, decided in mid-2005 that they wanted to enhance the functionality of MAXIMO. The decision was made to upgrade from 4X to MXES – immediately. They wanted the benefits of the MXES version – enhanced reports, escalation tasks, screen editing, unlimited field additions, and enhanced domain list capabilities. Plus, they did not want to wait another 6-12 months for a MRO upgrade path with an uncertain release date.

The Process:

Synterprise LLC put together an aggressive migration schedule based on the assumption that Synterprise could complete this migration in a timely manner and not wait for the formal MRO upgrade script. Synterprise consultants built the data mapping, performed test loads, conducted user script testing and trained the client. When anomalies were encountered Synterprise debugged the problems and provided recommendations for remediation. These workarounds sometimes included screen changes, Java code changes, database field changes and report enhancements. In addition, Synterprise provided on-site training and system documentation. As requested by the client, Synterprise provided follow-on technical support during the post go-live milestone. Coffeyville Resources has been live on MXES since mid-September 2005.



Coffeyville gained MXES Improved Functionality and got it Quickly

- ✓ The improved search, select and sort functions were a plus, and the built-in Excel download feature provided new tools for better decisions.
- ✓ The web technology allows easier IT support - and user access.
- ✓ The MXES version provides substantial new features and a platform suitable for future growth.
- ✓ Coffeyville Resources “went live” in less than seven weeks -- at least three months earlier than the planned MRO release schedule.

Why have fewer than a hand-full of MAXIMO sites migrated from 4X to MXES?

Now that MXES (6X) has been released, the architecture is proven, and the system has become easier to use. Unfortunately, there is still no upgrade path from MRO. Synterprise has developed that path. There are thousands of clients still on the 4X version. A major change in architecture occurred with the 5X version several years ago. However MAXIMO clients were still nervous to make this change. The reasons were numerous:

- ✓ All Centura-based 4X screens that had been modified had to be redone in JSP.
- ✓ Centura was GUI based. However, JSP is syntax based, meaning they had to edit code – once they learned it.
- ✓ All SQR (or Crystal) reports that they had written new or tailored, had to be redone in Actuate. Crystal is not integrated to the newer versions. Actuate is not easy to learn and requires 3-4 weeks of intense training.
- ✓ The 5X version was web-based (which was a good thing) but was “loosely packaged” – meaning parts of it were still client based and some “ease of use” features had been lost.

Why should clients have Synterprise help them migrate to MXES – right now?

- ✓ MXES provides extensive new functionality and a user friendly GUI screen editor
- ✓ Even with the MRO upgrade program, you are only getting data migration. The reports and screens still have to be handled by the client core team.
- ✓ Synterprise can complete a client site data migration faster than most competitors.
- ✓ Synterprise can provide a direct SQR-to-ACTUATE report conversion, faster and at less cost than any competitor
- ✓ Synterprise can quickly convert your 4X screens and train your staff on the new GUI screen editor
- ✓ Synterprise consultants know better/best work practices for your EAM/CMMS.



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