

Project Overview



Project Name: EDMS Drawing Management System Refresh – IT20

Description: The Electronic Drawing Management System (EDMS) is used by Multinet Gas (MG) to centrally manage engineering drawings, images and associated metadata. The EDMS is based on BlueCielo Meridian Enterprise software.

The Meridian EDMS provides a CAD platform-independent solution for managing engineering drawings and images throughout their lifecycle including:

- Secure Access and Controlled Content
- Search, Retrieve and View Content
- CAD Application Integration
- Redlining, Markup & Compare
- Revision Management
- Audit Trail & Reporting

The purpose of this project is to perform a lifecycle refresh of the EDMS application in accordance with MG's "IT Asset Management Policy v2.0". This will ensure that MG maintains a fully supported and viable drawing management system into the future. In conjunction with the application refresh, it is anticipated that additional integration capability will be required to support provisioning of engineering drawings for field mobility.

Strategic Alignment: The key drivers for this project are to:

1. Maintain systems to industry standard to reduce risk of disruption to customers and retain levels of efficiency;
2. Ensure ongoing performance, resilience and safety in the changing distribution network
3. Improve asset planning and management through improved data quality, analytics and reporting
4. Ensure readiness to achieve regulatory requirements

The capital expenditure for this project is justified as it is:

- Prudent and efficient in line with accepted good industry practice: and
- Necessary to maintain the integrity and safety of MG's services.

Options: All credible options to meet the key drivers of this project have been assessed:

1. Do Nothing
2. Refresh EDMS – Upgrade Platform
3. **Refresh EDMS – Replace Platform**

Rationale: The recommended option is:

3. Refresh EDMS – Replace Platform

The current EDMS is based on the BlueCielo Meridian EDMS software. The EDMS was being upgraded in 2015 to the version 2013 of the Meridian software.

Option 1, Do Nothing, is not considered viable as it presents a significant business continuity and safety risk by not maintaining a fully supported drawing management system platform for managing engineering drawings across the business.

Option 2, Refresh EDMS – Upgrade Platform is not recommended as the current EDMS product is not expected to fully support MG's longer term objectives for integration with other corporate systems and the field mobility platform.

Option 3, Refresh EDMS – Replace Platform, is recommended to ensure:

- a) MG maintains a fully supported EDMS platform, and
- b) Extends this EDMS capability into the field as paper based processes are replaced by mobility solutions across MG field activities.

Timing:	2020
Cost:	<p>\$0.88M</p> <p>No impact on IT operating costs are expected as future support and maintenance costs are expected to be similar to (and will replace) current.</p>
Notes:	<p>Estimates assume the following:</p> <ul style="list-style-type: none">• Platform replacement will require new infrastructure, application implementation, data cleansing and migration – requiring rigorous testing.• Software licensing costs indicative based on market experience.• The EDMS is currently a stand-alone application with little/no integration with other applications. Provision has been made for additional integration to other corporate systems including the Enterprise Content Management System (Refer IT06) and mobility solution (Refer IT08)• The EDMS system is shared with United Energy (UE). MG's share (30%) of the total combined project cost is \$0.88M (Real \$2017).