CASE STUDY

REDEYE

IMPROVED SEARCH AND FINDABILITY OF KEY DOCUMENTS

ABILITY TO SHARE CRITICAL, UP-TO-DATE INFORMATION WITH KEY STAFF AND CONTRACTORS

ACCESS TO KEY DOCUMENTS VIA STARLINK, IN THE MOST REMOTE PARTS OF AUSTRALIA

Bengal ENERGY LTD.

Overview

Bengal Energy is a Canadian company that has been exploring and producing hydrocarbon assets in Australia's Cooper Basin for over 15 years.

Located in some of the most remote parts of Queensland, their operations teams have limited access to infrastructure and work on land with cultural heritage and paleontological remains.

In order to manage their critical asset records and scale with their exploration activities, Bengal Energy sought to build a document control system.

They now use RedEye DMS to manage their key engineering drawings and related documents, ensuring that key staff and contractors have access to the most current and accurate information, even in the most remote locations.

Key Takeaways

» The more rigor there is around data quality, the more confidence staff can have in it

» Strong foundational document control strategies can facilitate organisational scalability

» Organisations must focus on building systems that retain corporate knowledge

"When we need to retrieve data I don't need to look through 16 different systems. I know where to look and I find it there. That, in terms of compliance, is pretty important to us."

Kai Eberspaecher
Chief Operating Officer,
Bengal Energy

Challenges

Unlike many organisations which must contend with a collection of legacy systems to manage critical asset and operational documentation, Bengal Energy found itself in a unique situation.

With a small local footprint, and only a single Sharepoint installation, Bengal Energy's Australian operations team were charged with designing a more robust document control system that would both support its vision of delivering "remote normally unmanned operations" and accommodating future business growth.

The team believed that a cloud-based SaaS solution would best serve its objectives of providing its remote workers and contractors with access to the most up-to-date documents.

Being able to easily and quickly demonstrate compliance with legislation such as the Petroleum and Gas (Production and Safety) Act 2004 was a key requirement of the new system, as was the ability to build in processes which retained critical corporate knowledge in the event that key staff or contractors left Bengal Energy.

The solution also needed to be accessible in even the most remote parts of Queensland, and interoperable with Starlink, Bengal Energy's chosen satellite internet service provider.

Solution

Having seen successful RedEye DMS implementations in similar organisations, Bengal Energy's Chief Operating Office, Kai Eberspaecher recommended partnering with RedEye to create a single source of truth for its corporate and operational information.

Unlike other RedEye implementations, Bengal Energy migrated a relatively small number of documents into the DMS. After duplicates were removed, some 650 artefacts populated the system.

Bengal Energy and RedEye have since worked to improve the quality of the metadata of the documents to ensure they're easily and intuitively searchable by staff and contractors alike. Mr Eberspaecher believes the system provides a stable foundation on which Bengal Energy can build its business processes.

"It's really important for us to be scalable. We currently have a very small equipment and asset count, but over time, either through our own exploration or through M&A, we will integrate others. It'll be really easy to do that on this platform because we've put the procedures in place.
And then it's more about a project of transferring whatever data is in another system and integrating into ours."

Kai Eberspaecher
Chief Operating Officer,
Bengal Energy

Outcomes

One of the immediate benefits RedEye delivered was accessibility of key documents by those stakeholders inside and outside of Bengal Energy, who needed access.

"It's really easy to add somebody to provide them access and then just follow the workflow to upload documents - and then also become part of the revision of those documents," said Mr Eberspaecher.

"We focused first on our facilities engineering processes, and we are now bringing our engineering well services up to the same standard. Once all of that is running, we are looking to include our Standard Operating Procedures, permits to work, checklists and other key items in RedEye, so everything is there for us to access."

Bengal Energy's staff note that documents are now quicker and easier to find.

Remote mobile access made easy

Bengal Energy's field teams can also now access RedEye on handheld Windows 11 devices when they are well-side, via a Starlink connection.

"The device sits in a cradle with a keyboard, so it's like a laptop - it's intrinsically safe, and it lets us access key documentation through the RedEye mobile app. It's great because part of the stipulations under the Petroleum and Gas (Production and Safety) Act 2004 is that a full set of documentation must be available at any point in time, at any site, for any operator to look at," said Mr Eberspaecher.

Bengal Energy had a visit from the regulator from RSHQ and were able to quickly pull up the required documents when asked. "Between the mobile device and Starlink, he was a little blown away because he hadn't seen anything like that," said Mr Eberspaecher.

Another key benefit Bengal Energy's teams have seen since using RedEye, is that they always know what the latest version of a document is, and have confidence, even out on site, that the document is up to date.

If there's a new version, the system flags it. And even which documents are under review can be displayed," said Mr Eberspaecher. That's definitely something which makes a difference, because we had some recent instances where we were accelerating work, and we weren't working off the latest information. That obviously requires rework - so even for small companies like us, which run one or two projects at the same time, it's valuable to be able to flag this so quickly, and prevent future rework."

Facilitating compliance obligations and reducing risk

As for any energy exploration and production company, managing compliance obligations is both an important and often time-consuming job. This is another area which Bengal Energy is streamlining with RedEye.

"As the executive safety manager, I need to discharge some of the roles to the site safety manager, which I have appointed as one of our contractors. What that actually means is that key documents need to be available to them. I need to ensure that the people who work on site have the right training, qualifications and certifications to do the work. And I need to be able to demonstrate that," said Mr Eberspaecher.

"RedEye helps us do this in two ways. It ensures that the latest information is there. And it also

demonstrates that what needs to be done, is also there. When we need to retrieve data I don't need to look through 16 different systems. I know where to look and I find it there. In terms of compliance, that is pretty important to us. Whether it's the latest risk assessment or standard operating procedure, we upload it all into RedEye. That means we can access this site. So if someone asks for the risk assessment, which we've done, it's there, signed off, in the system, and we can either print it or display it on the screen."

Bengal Energy is continuing to explore new ways of incorporating its critical corporate information into RedEye.

About RedEye

RedEye is a technology company founded in Australia in 2012. Our vision is to make the world's critical infrastructure safer, easier and more efficient to operate and maintain. Today RedEye has six offices globally and helps our clients manage over $450 billion in large complex assets and critical infrastructure.

Our Software as a Service (SaaS) solutions including our engineering data management and bushfire risk management process optimisation and change management consulting services are purpose-built for asset owners.

RedEye partners with the world's leading asset owners in utilities, resources, government, defence, healthcare and infrastructure to enable digital transformation in digital engineering, digital twin, asset management, analytics and bushfire risk management by making their asset data more available, usable and valuable.

RedEye's cloud and mobile based technology platforms integrate with, complement and extend our clients existing ERP, EAM, GIS, Safety and other core business systems. RedEye partners with leading technology companies including Microsoft, IBM and AWS. We also partner with global and specialist systems integrators and consulting firms to extend our reach and value globally.

*"**RedEye's** team and partners have developed deep domain and subject matter expertise working with numerous asset owners and critical infrastructure operators and are available to share best practice solutions, knowledge and processes."*

Randall Makin
Co-Founder & CEO,
RedEye

RedEye, helping to manage and protect over $450 billion in assets globally.

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