ACCRUENT REDEYE

SSR MINING

HOW SSR MINING STREAMLINED GLOBAL COLLABORATION FOR THE ÇÖPLER SULFIDE EXPANSION PROJECT

Industry

Mining

> *"We chose RedEye to collect the documentation and the knowledge that was created during the project to handover to operations. It's easy and fast to implement and it's something that we can turn on as a software-as-a-service. Configuration is quick, the learning curve is low and with having access for mobile and any web portal, it meant that when we were spread across the world as we were at the start of the project, everyone had access to the information as it was being created and reviewed."*
>
> – John Ebbett, Project Director

+33K	69%	95%
FILES CENTRALIZED	DUPLICATE REDUCTION	REDUCTION IN SEARCHING

ACCRUENT

THE COMPANY

SSR Mining Inc. is a prominent gold mining company with operations spanning four key regions: the USA, Türkiye, Canada, and Argentina, operating notable mines in some of the world's most prolific precious metal districts such as the Çöpler mine in the Tethyan belt (Türkiye), the Marigold mine in the Battle Mountain-Eureka trend (Nevada, USA), the Seabee mine in the Trans-Hudson Corridor (Saskatchewan, Canada), and the Puna mine in the Bolivian silver belt (Jujuy, Argentina). As a leader in the mining industry and Türkiye's largest gold producer, SSR Mining is dedicated to delivering sustainable value through safe and efficient mining practices.

In 2015, the business initiated the $700 million Çöpler Sulfide Expansion Project (ÇSEP), which aimed to extend the Çöpler mine life by 20 years. Achieving the successful construction and handover of this complex project required close collaboration between SSR Mining's owners, internal teams and contractors around the world. The need for a system which centralized all ÇSEP data with legacy operations data into a single source of truth, became critical.

THE CHALLENGE

SSR Mining, is Turkey's largest gold producer, and the operator of the world-class Çöpler Gold Mine. The Çöpler Mine is located in the Erzincan Province, approximately 1,100 kilometers southeast of Istanbul and 550 kilometers east of Turkey's capital, Ankara.

In 2015, the mining giant began the $700 million Çöpler Sulfide Expansion Project (ÇSEP), which aimed to extend the Çöpler mine life by 20 years. Achieving the successful construction and handover of this complex project would require close collaboration between SSR Mining's owners, internal teams and contractors around the world.

SSR Mining lacked a document management system that would meet such demands. As the project kicked off, the need for a single, easily accessible point of truth for all project-related data, contracts and drawings became critical.

THE SOLUTION

In 2015, SSR Mining adopted RedEye to manage its engineering data and drawings during the construction, handover and operations of the ÇSEP.

This involved merging ÇSEP data with cleansed legacy operations data into a central data "bucket" - a single source of truth for SSR Mining's engineering data and drawings.

The ÇSEP project included over a thousand pieces of mechanical equipment. When combined with all the tagged pieces, instrumentation, electrical equipment and other items, more than 10,000 tagged pieces of equipment or piping had been physically installed and digitally recorded in RedEye.

From the outset of its RedEye implementation, SSR Mining focused on entering detailed metadata for every asset. Taking the time to do this properly from the start ensured that very specific searches could be built quickly by anyone on the team.

Maintaining the discipline of entering metadata also meant that SSR Mining continued to build value into its data assets and trust in RedEye. In doing so, the system remains relevant, accurate and trusted by those who use it.

THE BENEFITS

One of the early efficiency gains SSR Mining achieved using RedEye was being able to limit the number of document controllers for the entire project to just two people. The controllers managed all of the documentation across the project, from contracts and commissioning documentation to drawings, images and media files in multiple formats.

Vendors could also upload their documentation into the system easily, and from anywhere in the world. This was vital for the project management team at the time. It also now provides SSR Mining with visibility of rich historical metadata associated with data assets from all aspects of the design and construction phases.

During the ÇSEP's construction phase, having the ability to quickly locate key data meant the project team could accurately respond to questions about how something had been built or how it was configured. Simply being able to pull the data up on a mobile device, reduced time spent searching for information from hours to just minutes.

Since the project has been handed over to SSR Mining's operations team, the RedEye solution now provides a broad range of critical operational intelligence.

For example, there are well known hazards involved in bringing a pox circuit online after a maintenance shutdown. Having accurate engineering data in these situations enables SSR Mining to take the appropriate safety precautions to keep its staff safe.

The system also provides customized workflows with flexibility to cater for online, semi-offline and offline business processes.

Whether access is required from a contractor out in the field or an executive in head office, everyone has access to a single source of truth with RedEye.

> ***"To do that with two doc controllers, and in many respects, better than other engineering firms and other projects I've been on with far greater numbers of doc controllers, is a real indication of the efficiency of RedEye."***
>
> – John Ebbett, Project Director

CONTACT FOR A DEMO

ACCRUENT REDEYE

Accruent, LLC

www.accruent.com