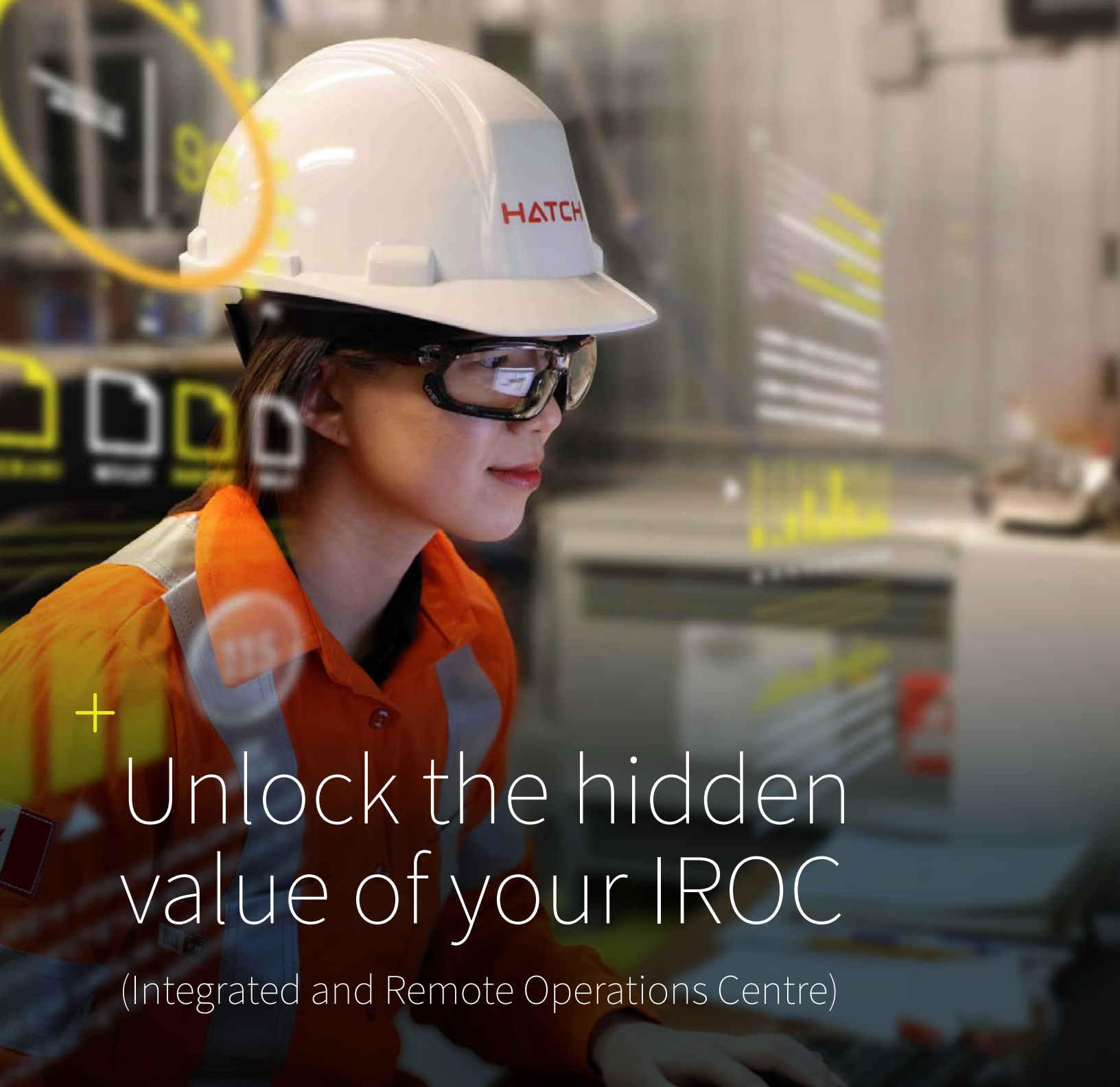




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Unlock the hidden value of your IROC

(Integrated and Remote Operations Centre)



Driving value: A key strategy for IROCs

The mining industry has long recognized the benefits of Integrated and Remote Operations Centers (IROCs). Indeed, more and more companies are choosing to utilize IROCs to remotely monitor and manage their operations from centralized facilities.

And with good reason.

IROCs can increase efficiency, reduce costs, and improve safety by allowing operators to access real-time data and information, which leads to faster, more informed decision-making. That, in turn, optimizes value for mining operations.

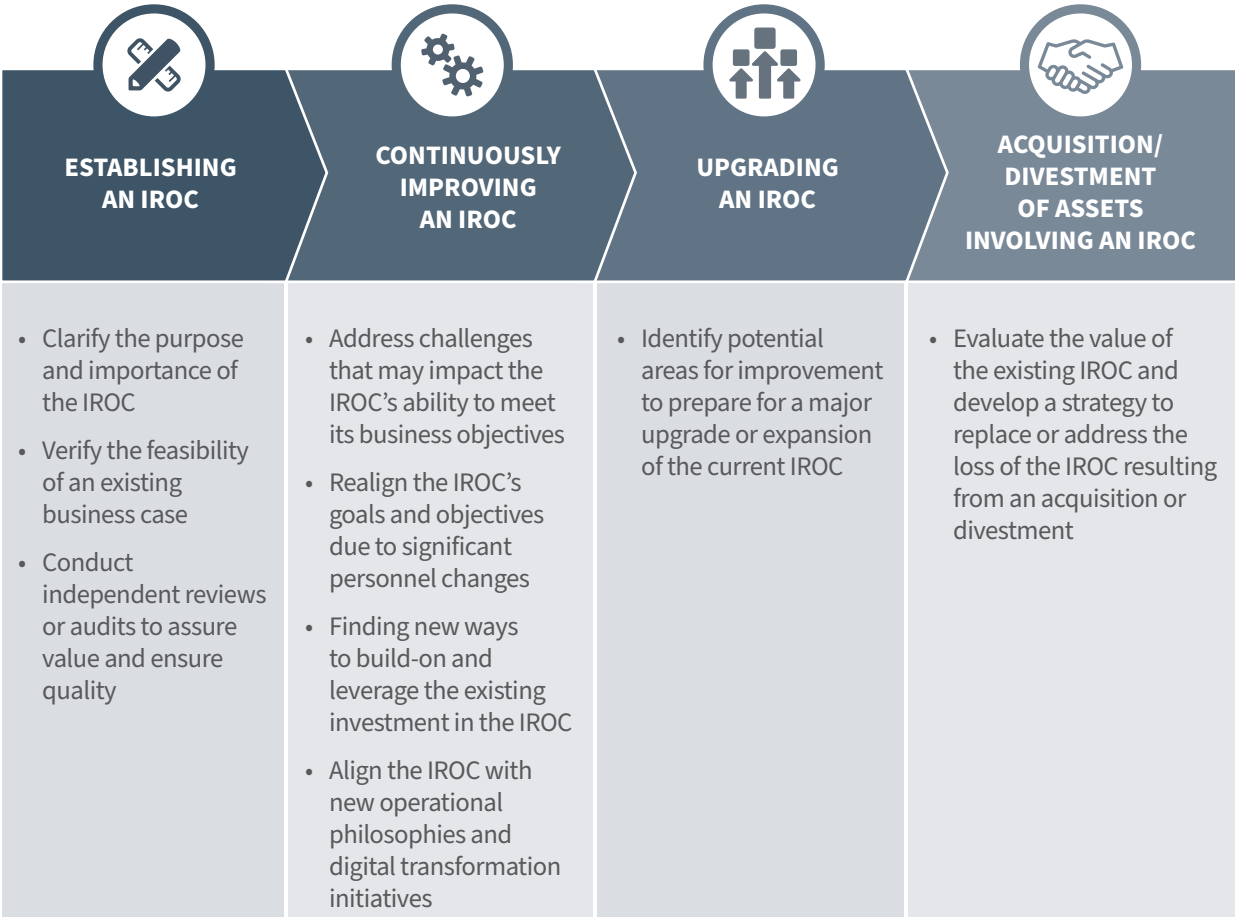
However, like any other asset, IROCs must be maintained.

Hatch has found that mining companies that add IROCs achieve an initial performance gain. At times, however, poor management and improper oversight results in value loss as sub-optimal practices set in. Our research indicates up to 70% of current IROCs experience multiple areas of value loss. The most common causes are knowledge transfer issues and practices that prevent operations from taking the optimum course of action – even when good and timely information

is available. These factors highlight the importance of a sustained approach that continually monitors, updates, and improves operations over time.

Monitoring all aspects of the potential value of an IROC throughout its entire life cycle is essential. Most IROC implementations prioritize the control and execution level but neglect other areas. This can lead to decision-making errors that adversely affect operations, safety, and value.

At Hatch, we have the experience and knowledge to help you attain the full value of your IROC.



Hatch’s value-sustaining approach to integrated operations and remotization solutions:

We work with you to shift the operating paradigm by designing, establishing, and operationalizing new IROCs. To ensure you benefit from the latest innovations in people-process-technology integration, we build value-sustaining “tune-ups” into the operating model. We do this to ensure you get maximum value from your IROC investment.

Hatch also applies the same value-sustaining expertise to existing IROCs by working with you to diagnose and assess value losses. Our value

diagnostic enables you to execute operations more effectively and achieve sustained value from your IROC. Our best-in-class standards, supported by our evidence-based approach, enables us to deliver prioritized results.

We’ve partnered on IROC projects throughout the world, including the United States, South America, Africa, and Australia. We bring value by acting like owners and providing innovative solutions and outcomes that are cost-effective and sustainable. We can do the same for you.

Reducing IROC value loss:

We offer specialized tools and accelerators to identify the sources of loss of value, and determine specific actions to reduce the losses. Our team of experienced professionals works with you to identify the underlying reasons for value loss and deliver customized solutions to enhance your IROC’s performance. Our approach drives swift resolution of issues, optimizes operations, and promotes success of your IROC program.

Proprietary methodology:

Our methodology for diagnosing and assessing value loss in an IROC is based on years of experience in the industry. We use a holistic approach that considers the unique challenges and opportunities of each operation and identifies areas of improvement that will have the most significant impact on your IROC’s performance.

Empowering IROC teams:

Empowerment is essential for achieving sustained value. Our value assessment service facilitates continuous improvement and equips IROC leadership with actionable insights, including a clear understanding of priorities and dependencies. Armed with this information, you are better equipped to make informed decisions and achieve better results.

Value Diagnostic

The Value Diagnostic helps maximize the value of centers by focusing on specific areas for improvement. This tool allows you to evaluate current decision-making processes and provides actionable insights to your IROC leadership team. You receive a prioritized list of target areas with quantifiable value estimates and a clear understanding of priorities and dependencies. With over 65 years of experience in the mining industry and 15+ direct IROC programs, we offer an accelerated path to loss avoidance and sustained value for your IROC program.

How it works:

Features	Benefits
Rapid results (within six weeks)	Minimize loss sooner, reduce time commitment for personnel
Hatch’s evidence-based methodology	Reliable, credible, dependable, and referenceable with a predictable timeframe
Decision-making analysis	Knowledge transfer to personnel, precise identification of value losses
Prioritized value campaign	Clear focus areas, quantifiable value for business cases, flexible action plans
Multi-modal, adaptable assessment	Suitable for any stage of the IROC journey, transferable to new personnel.





About Hatch

Whatever our clients envision, our engineers can design and build. With over six decades of business and technical experience in the mining, energy, and infrastructure sectors, we know your business and understand that your challenges are changing rapidly.

We respond quickly with solutions that are smarter, more efficient, and innovative. We draw upon our 10,000 staff with experience in over 150 countries to challenge the status quo and create positive change for our clients, our employees, and the communities we serve.

hatch.com

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