

# Capital projects reimaged for energy and resources

Complete capital projects safely, on time, and on budget with AI-powered information management







## Business backdrop

The energy and resources sector is entering a new era of capital intensity and complexity. Global energy investment is projected to reach \$3.3 trillion in 2025.<sup>1</sup> In the chemicals sector, capital expenditures are expected to grow at three to five percent annually through 2030.<sup>2</sup> Meanwhile, metals and mining companies face unprecedented pressure to scale production of critical minerals, such as copper, lithium, and nickel. Yet, 83 percent of recent major mining projects experienced cost overruns of 40 percent and delays of 20 to 30 percent.<sup>3</sup>

Despite advances in project management and other software tools, many companies continue to struggle with project execution. A root cause analysis often points to poor information management. Project data is frequently disorganized, disconnected, manual, and unprotected. To meet the rising demand for energy and essential commodities, companies must modernize how they manage information across the project lifecycle—laying the foundation for true project excellence.

**“Just as every safety incident is preventable, so too are project delays, cost overruns, and quality issues. The root cause of many execution challenges lies in fragmented information and manual workflows. By modernizing how project data is governed, accessed, and automated, we can unlock safer, smarter, and more predictable capital project outcomes.”**

Phil Schwarz, OpenText Industry Strategist – Energy and Resources

<sup>1</sup> International Energy Association, *World Energy Investment*, 2025

<sup>2</sup> McKinsey & Company, *Capital expenditure efficiency in chemicals: An opportunity for CFOs*, 2024

<sup>3</sup> McKinsey & Co, *The capex crystal ball: Beating the odds in mining project delivery*, 2024

“Project delays can quickly send costs soaring—in partnership with OpenText, we’re shaping lean, integrated operations that make it easier to deliver complex energy projects for our clients. And thanks to analytics dashboards in OpenText Content Management for Engineering, we can get an instant overview of the status of each project and its associated documents at the touch of a button.”

Spokesperson, Energy  
Solutions Provider

## Information inefficiencies are slowing progress and increasing project risk

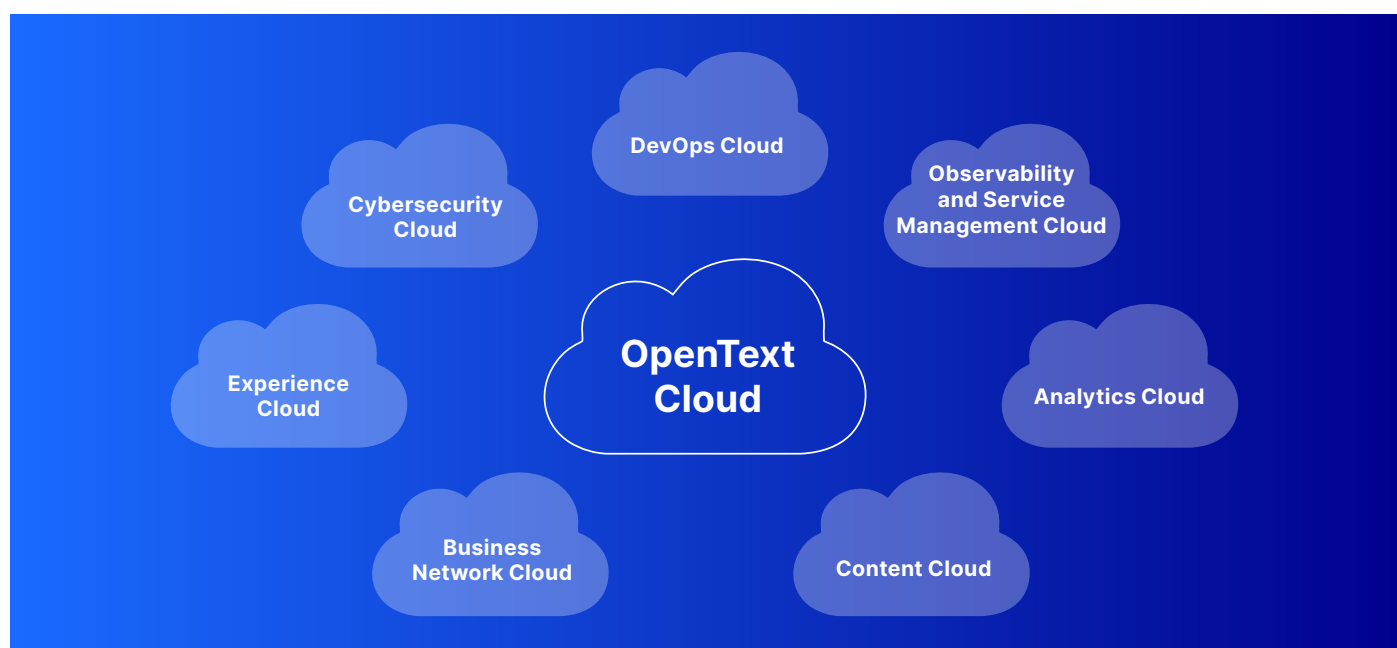
Capital projects across the sector are overwhelmed by unstructured data and mismanaged information—engineering drawings, contracts, inspection videos, and more. Without modern information governance and automation, this data becomes a bottleneck, leading to delays, cost overruns, and safety risks.

## OpenText vision

With cloud, security, and AI, anything that moves—including information—can now be autonomous. OpenText envisions a future where capital project teams across the energy and resources sector elevate human potential by transforming how project information is managed. Our approach is built on four pillars: trusted, autonomous, innovative, and secure information systems. These principles guide how we help organizations reimagine work across the capital project lifecycle—from engineering and procurement to construction, commissioning, and handover.

With OpenText, energy and resource companies can:

- **Trust their data** by organizing and governing vast volumes of project information—such as engineering drawings, contracts, and transmittals—to boost productivity and reduce risk.
- **Automate routine tasks** using AI and GenAI to streamline document control, transmittals, and reporting—freeing teams to focus on higher-value work and improving project execution.
- **Innovate with confidence** by embedding compliance, information governance, and AI into every phase of the project lifecycle.
- **Secure project execution** with full-stack cybersecurity and real-time threat detection to protect sensitive project data and communications.



## OpenText solutions

OpenText solution	Benefits
<b>Content Cloud</b>	Modernize project execution with AI-powered document control, intelligent assistants, and automated workflows—boosting speed, compliance, and project control
<b>Business Network Cloud</b>	Gain real-time visibility into the status of critical materials, equipment, and vendor services—powered by AI and a connected supply chain—so your projects stay on track and on budget.
<b>Analytics Cloud</b>	Move from reactive to intelligent project execution with predictive insights and real-time analytics—enabling faster, smarter decisions across planning, procurement, and construction.
<b>IT Observability and Service Management Cloud</b>	Resolve project-related IT and non-IT service issues faster—reducing delays, cutting costs, and transforming how project teams work.
<b>Cybersecurity Cloud</b>	Protect capital projects with full-stack security, AI-driven threat detection, and zero-trust access—safeguarding sensitive data, systems, and supplier communications from day one.
<b>Experience Cloud</b>	Empower project teams with a unified digital workspace—delivering the right information, at the right time, in context to drive productivity and collaboration across the project lifecycle.
<b>DevOps Cloud</b>	Accelerate software delivery to project teams with AI-driven automation, integrated testing, and quality at scale.

## Business outcome

By implementing OpenText's information management solutions, project teams across the energy and resource sector can expect significant improvements in project efficiency, safety, and compliance across the project lifecycle.

- **Enhance project safety** with intelligent assistants that surface critical information to protect workers on-site.
- **Minimize delays** with real-time visibility into transmittals, submittals, spare parts, materials, contractor performance, and other critical B2B information exchanges.
- **Reduced project risks** via advanced analytics and projects insights.
- **Improved compliance and inspection readiness** with secure, governed content and automated reporting.

These outcomes help capital project teams stay on schedule, control costs, and reduce risk—while enabling their workforce to focus on delivering safe, compliant, and efficient projects from design through handover.



**“Our company server has a 20MB file size limit, which is quite small for a developer to be able to share plan sets that are sometimes as large as 100MB. We needed a solution for large file sharing that was secure, fast and easy to use. OpenText has saved us time and made us more efficient in our work.”**

Lorie Wnorowski, Assistant  
Project Manager, Tait and  
Associates

## Next steps

We invite you to explore how OpenText solutions can support your project excellence and information management journeys. Recommended next steps include:

- **Introductory meeting** with your capital projects, engineering, and IT leadership teams.
- **Joint roadmap exchange** to align on project goals and identify key opportunities.
- **Business Value Consulting workshop** to assess current processes and quantify the impact of potential information management solutions

## Why OpenText?

OpenText is the global leader in information management, serving thousands of energy, utility, chemical, metals and mining, and EPC companies worldwide. Our secure, scalable information management platform is designed to manage the world's most complex data environments—empowering organizations to safely deliver energy and essential commodities to the world.

## Contact us



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