

# Reimagining the future of asset operations for energy and resources

How OpenText helps companies improve asset uptime and enhance safety through trusted, autonomous, innovative, and secure information management





**“Just as every safety incident is preventable, so too are asset downtime and operational inefficiencies. The root cause of many operational challenges lies in poor information management and reliance on manual processes. By modernizing how information is governed, accessed and automated, we can unlock safer, smarter, secure, and more efficient operations.”**

**Phil Schwarz**

Sr. Industry Strategist–Energy and Resources,  
OpenText

The global energy and resources sector is undergoing a generational transformation. The growth rate of global electricity consumption rose significantly, from 2.5 percent in 2023, to 4.3 percent in 2024 and is expected to maintain a robust 3.9 percent through 2026.<sup>1</sup> Primary energy demand is expected to grow by more than eight million boe/day, 50 percent faster than the average increase between 2000 and 2019.<sup>2</sup> The production of seven key chemicals is projected to rise nearly 70 percent through 2050.<sup>3</sup> Meanwhile, the demand for critical minerals is expected to more than double by 2030.<sup>4</sup> These shifts are compounded by the need to scale clean water access for a growing global population.

To meet these demands, utilities, oil and gas, chemical, and mining companies must rethink how they manage information to automate and streamline their asset operations. Outages, unplanned downtime, safety incidents, regulatory fines, and cyber breaches are often the result of fragmented, siloed, or outdated information systems. The global race for energy and critical resources is just as much about information management as it is about these essential commodities themselves.



1 International Energy Agency, [Electricity 2025](#)

2 S&P Global, [2025 Energy Outlook](#)

3 pwc, [Sustainable chemicals pathways](#), 2024

4 IEA, [Global Critical Minerals Outlooks](#), 2024

“An employee could spend between 50 to 80 percent of their time trying to piece together the right information for their job. With OpenText, they will regain that time for more productive and valuable work rather than trawling through archives. OpenText makes a huge difference to the user experience, too. Our teams can pull up the content they need, without having to go back and forth between different interfaces, which will help them work more efficiently.”

**Ted Tomes**

Director of Spatial Data and Document Control, Western Midstream

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## Information inefficiencies are slowing progress and increasing operational risk

Across the energy and resources sector, information silos, compliance challenges, and rising cyberthreats are creating operational bottlenecks. Many organizations lack the tools to automate operational workflows, secure data, and extract insights from vast volumes of structured and unstructured information.

### OpenText vision

With cloud, security, and AI anything that moves, including information, can now be autonomous. OpenText envisions a future where companies across the energy and resource sector elevate human potential across their operations teams by transforming how 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 operations and adjacent departments—including engineering, projects, safety, supply chain, and more.

With OpenText, asset operations teams can:

- **Trust their data** by organizing and governing large datasets to boost productivity and reduce risk.
- **Automate routine tasks** using AI and GenAI to free knowledge workers for higher-value work and improve safety.
- **Innovate with confidence** by embedding compliance, information governance, and AI into every operational process.
- **Secure operations** with full-stack cybersecurity and real-time threat detection.



“We can now effectively manage information from the three most important platforms for our business: OpenText Content Management, SAP ERP, and ArcGIS. All important information concerning our day-to-day network operations and maintenance is available 24/7. Our engineers can look up anything they need quickly, wherever they are.”

**Ron Schell**  
 Director of Enterprise Applications,  
 Metropolitan Utilities District

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## Information management solutions for asset operations

OpenText solution	Benefits
<b>Content Cloud</b>	Modernize asset operations with AI-powered document control, intelligent assistants, and automated processes—boosting safety, compliance, and productivity across your operations.
<b>Business Network Cloud</b>	Always know the status of critical spare parts, replacement equipment, or vendor field service teams—on order or en route—so your assets never go down.”
<b>Analytics Cloud</b>	Move from reactive to intelligent asset operations with predictive maintenance and operational insights—driving smarter, faster decisions across your operations.
<b>IT Observability and Service Management Cloud</b>	Resolve IT and non-IT issues faster—cutting cost and complexity to transform how your operations team’s work.
<b>Experience Cloud</b>	Empower asset teams with a unified workplace UX—delivering the right information, at the right time, in context to improve productivity.
<b>Cybersecurity Cloud</b>	Protect critical operations with full-stack protection, AI-driven threat detection, and zero-trust access.
<b>DevOps Cloud</b>	Accelerate software delivery to operations teams with AI-driven automation, integrated testing, and quality at scale.
<b>Thrust</b>	Build custom applications for your operations teams using proven OpenText Information Management technology





## Business outcome

By implementing OpenText's information management solutions, asset operations teams across the energy and resources sector can expect significant improvements in operational efficiency, safety, and compliance:

- **Improved safety** with intelligent assistants to instantly surface information and help ensure your teams go home in the same condition as when they left.
- **Decreased unplanned downtime** with immediate insights into the status of spare parts, equipment replacements, and vendor field services teams.
- **Reduced operations and maintenance costs** via predictive analytics and operational insights.
- **Improved compliance and audit readiness** with secure, governed content and automated reporting.

These outcomes help asset operations and maintenance teams meet production targets and reduce risk—while empowering their workforce to focus on ensuring assets are always operating and being maintained safely.

## Next steps

We invite you to explore how OpenText can support your information management journey. Recommended next steps include:

- **Introductory meeting** with your leadership team and OpenText's Global Account Director or Senior Account Representative.
- **Joint roadmap exchange** to align on strategic goals and identify key opportunities.
- **Business Value Consulting workshop** to assess current operational 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, and metals and mining companies worldwide. Our secure, scalable 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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