

Low-Code/No-Code Challenges for Energy Companies

Generative AI and other low-code/no-code technologies that enable “citizen-developed” applications are experiencing explosive growth in energy companies of all sizes and types.

Energy companies use low-code/no-code applications to automate energy grid data collection, analysis, reporting, energy workflow data entry, scheduling, and approval. Energy companies are also using low-code/no-code tools to build customer self-help portals and to improve asset management, predictive maintenance, and business decision-making. However, while low-code/no-code technologies can improve your company’s agility and efficiency, they also come with significant risks to your data and business.

“Unknown unknowns.” Many low-code/no-code deployments are initiated with little to no awareness or oversight by IT teams. And your business cannot manage or protect what it doesn’t even know it has.

Data uncertainty. Without sufficient corporate management, your company cannot know about or track changes to its low-code/no-code deployments or the corporate data they create, consume, and manipulate. Consistent change management is all but impossible, as is the ability to be confident the data that drives your business is an accurate, consistent “single version of the truth.”

Suspect security. Gaps in knowledge about your low-code/no-code deployments and the data that flows through them represent significant risks to the security of your data and your business.

- A Forrester study found that **70%** of low-code/no-code applications will have security vulnerabilities.
- A Gartner study found that **80%** of low-code/no-code applications will be created by non-technical users by 2024.
- A Ponemon Institute study found that an energy company’s average data breach cost is **\$7.8 million**.

Skills shortfalls. As low-code/no-code adoption grows, energy companies may have trouble finding and hiring developers skilled or experienced with the technologies. This can slow progress toward low-code/no-code adoption and digital transformation.

Inconsistent compliance. Energy companies face regulatory requirements in multiple areas, including environment, safety, data privacy, and security, in addition to those of the Federal Energy Regulatory Commission (FERC) and state public utility commissions (PUCs). Without adequate guardrails, Low-code/no-code deployments and other end-user computing (EUC) tools put your data trustworthiness and successful compliance at risk.

Doubtful decisions. Every decision that affects your business must be based on the best available data. The issues and challenges associated with low-code/no-code deployments must be addressed before your data can be trusted.



While low-code/no-code technologies can improve your company’s agility and efficiency, they also come with significant risks to your data and business.



So how can your company best address these issues and challenges to ensure your low-code/no-code deployments deliver maximum value with minimal risk? **You need Incisive Software.**

Incisive Analytics Essentials: Your Answer for Low-Code/No-Code Management

Success for an energy company depends on several factors. These include monitoring, tracking, and managing all relevant resources and processes, identifying, localizing, and resolving issues quickly, and providing excellent customer and partner care. **Incisive Analytics Essentials** brings management abilities to your low-code/no-code asset and risk management efforts that can help you meet these challenges successfully.



Know What You Have.

Rapidly and easily discover, inventory, search, and filter all your low-code/no-code files for effective application management. Continuously monitor and automatically track the revisions, workflows, alerts, permissions, and full audit trails associated with each low-code/no-code deployment.



Know What Changes.

Version and revision control, change tracking, and revision comparison help ensure the accuracy, consistency, and timeliness of your low-code/no-code deployments and the data they create, produce, and use. Subscription-based email alerts keep you abreast of new projects and revisions for effective change management and rapid incident resolution.



Manage and Protect.

Flexible, granular access control and comprehensive audit trails ensure that the right people use the right versions of the right applications, all supported by protected, trustworthy data. Assign each low-code/no-code asset to a specific project based on business needs. Designate less-critical assets as Monitored for complete visibility. Assign Managed status to more-critical assets for greater control and security. Include Managed assets in ad-hoc or predefined workflows to streamline work and improve collaboration. Assign workflow tasks for action or approval, and approve or reject specific actions. Add optional, customized attestation features requiring users to acknowledge and accept specific language before submitting a task or requesting approval.



Share What Matters Most.

Comprehensive, robust, customizable reporting delivers clear, actionable information and insights about your low-code/no-code deployments. Reported data can be sorted and filtered based on multiple criteria, and reports can be saved and exported in popular formats.



Concourse: Consolidated Control

The Concourse platform, the foundation of the Incisive Analytics Essentials suite, lets you see, track, manage, and protect your low-code/no-code applications and your data from a “single pane of glass.” Concourse provides the single point of control, knowledge, and management to maximize business agility and opportunity while minimizing and mitigating the risks associated with low-code/no-code technologies. With Concourse and Incisive Analytics Essentials, you will gain complete, consistent knowledge, visibility, and control over these important resources and the ability to make better decisions faster across all of your energy and business operations.

About Incisive Software: Incisive Software is dedicated to helping organizations establish a solid foundation for success by ensuring accurate and trustworthy data. As reliance on citizen-developed applications, low-code/no-code tools, open-source software, and complex spreadsheets grows, data errors and mismanagement risks have become more significant. Incisive provides innovative solutions that empower organizations to mitigate these risks, improve data quality, and make confident decisions. Combining automation, modern technologies, and proven practices, Incisive’s solutions deliver greater accuracy, control, and insight in managing complex, critical, and sensitive data resources.

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Contact us for more information, a live demo, or a free trial

Let us show you how we can help reduce the risks and maximize the business value of your EUC deployments today and tomorrow.