



VALUE DRIVER SERIES

WHO NEEDS TO SEE THIS?

- Chief data officers (head of digital projects)
- CIOs (modernization)
- Chief product managers
- Energy grid CTOs (API product management)

WHO WANT TO...

- Secure and operationalize APIs
- Drive API discovery, use, and reuse
- Accelerate innovation
- Deliver an omnichannel experience

BUT...

- Have a large legacy infrastructure
- Want to avoid regulatory non-compliance
- Have limited IT resources and budget
- Lack modern skillset in staff
- React primarily to external drivers

SOUND FAMILIAR?

Then it's time to secure your APIs with the Amplify API Management Platform

Energy and utility companies: Securely open your APIs for business

Power through the challenges of today's energy and utility sectors with an API-first strategy

Environmental regulations, changes in power generation, limited natural resources, and renewable energy demand are creating extraordinary challenges for the energy and utility sectors. Customer expectations for the digital experience are already shaping the competitive landscape. As a result, all energy systems need to be more connected, efficient, secure, and sustainable.

To measure up, you'll need to adopt an API-first strategy to digitally transform and future-enable your company. The Axway Amplify API Management Platform provides a proven path to fast-track your digital business initiatives by delivering:

Security. Centralize your energy value chain and securely operationalize new and existing APIs by implementing a defense-in-depth strategy to safeguard all your APIs regardless of development or deployment.

Reliability. Maintain a dependable energy grid so you can drive the use and reuse of your APIs for always-on communication between power networks and operators, and market platforms.

Innovation. Accelerate delivery of new services and reduce your IT technology debt to reach parity with your competitors. Give consumers the data transparency and consumption control they demand.

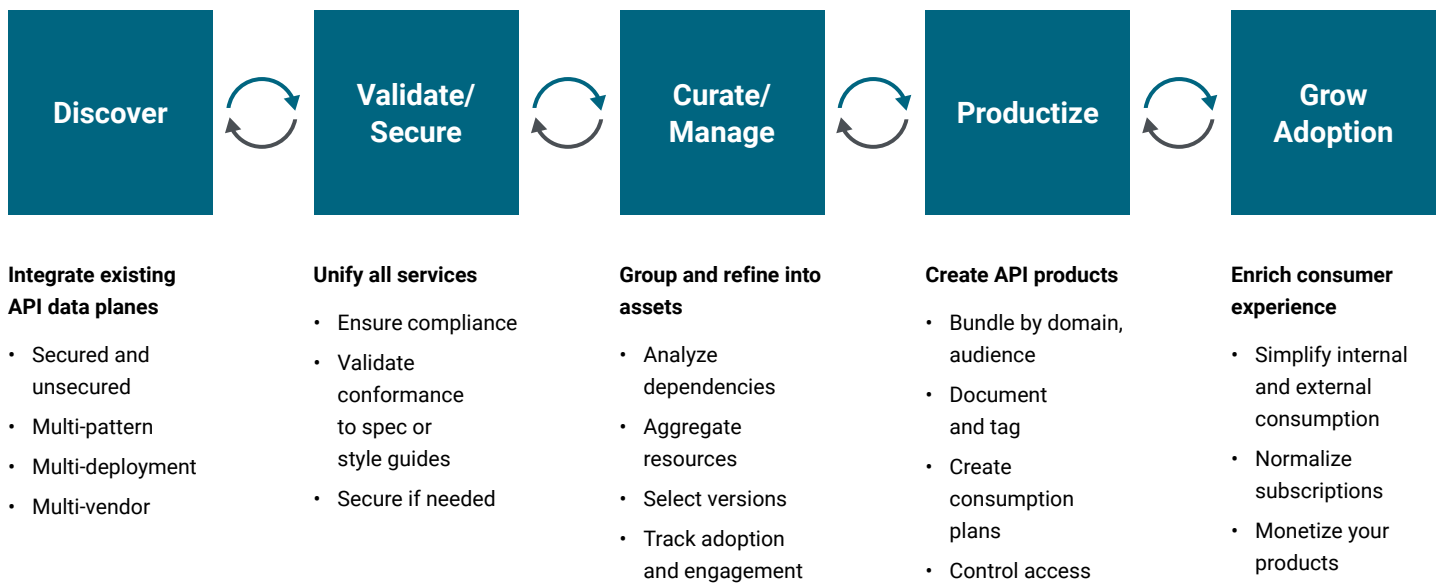
The energy industry is set to gain **\$2.4T** in value from the grid edge over the next 10 years¹



¹ Digital transformation at the grid edge (smart-energy.com)

Amplify is a universal API management platform

Accelerate digital transformation initiatives by unifying and managing your APIs across patterns, deployments, or platforms.



By **2023**, connected utility infrastructure will have doubled in size, exposing utility companies to a myriad of cybersecurity risks²



² Utility industrial control systems: the top six utility ICS security weaknesses (i-scoop.eu)

Amplify advantages for the energy and utilities sectors

<p>INCREASED SECURITY</p>	<p>Protect personal data without increasing costs with a built-in security and support a greener future for everyone by helping consumers understand their energy usage.</p> <p>Reduce vulnerability risks with the only API gateway with Common Criteria Level 4 (EAL4+ pending) security certification.</p>
<p>FUTURE-ENABLEMENT</p>	<p>Provide support for multiple API patterns including gRPC, GraphQL, REST and SOAP APIs, Asynch/Event APIs, and streaming APIs. Enable real-time data-sharing to improve service levels for customers. Offer full visibility of data exchanges, enhance information security, facilitate access to public data, and ensure regulatory compliance.</p> <p>Future-enable your company with common self-service onboarding and subscription management – regardless of API type or deployment. Build a common data hub enabling data leveraging for smarter energy decisions and improved customer experience.</p>
<p>GREATER API ADOPTION AND USAGE</p>	<p>Use what you have or take default paths for faster results using Integrated toolsets and third-party integration. Amplify layers efficient management and robust security on top of APIs and can scale seamlessly to accommodate a huge uplift in user numbers.</p> <p>Leverage customers’ existing APIs – even if they’ve been built using other platforms. Centralize and expose APIs globally. Gain visibility beyond the grid edge with insights on third-party usage and performance reporting.</p>

Utilities will spend over **\$113B** on networking and communications equipment and software between 2020 and 2030³



³ Utility spending on networking and communications to hit \$113bn by 2030 (smart-energy.com)

Energy and utility companies trust Axway

To handle their connectivity priorities and deliver secure business results in a modernized IT world, energy and utility companies trust Axway. The Amplify API Management Platform enables them to adopt API-driven services to optimize operations, accelerate communications with customers and other stakeholders, and improve data sharing.



Cutting costs and adding revenue by building new services in a matter of days

95% FASTER service development thanks to a central API catalog

ENHANCES data-sharing across the business, creating new cross-sell opportunities

SUPPORTS hybrid operations, streamlining NOV's journey to cloud

Houston-based, NOV, a global provider of equipment and services used in oil and gas drilling, looked to generate new sources of customer value while enhancing operational efficiency. Using the Amplify API Management Platform in the hybrid cloud, NOV's developers can build internal and customer-facing services in days, not weeks, reducing costs and creating new revenue streams. Service development is 95% faster and data-sharing across the business is enhanced, creating new cross-sell opportunities.

[Read the case study](#) →

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Axway's Amplify API Management Platform was the only solution in our shortlist that offered the same rich functionality on-premises and in our Azure and AWS cloud environments.

Manoj Kona, Middleware Director,
Corporate, NOV Inc



Embarking on a digital transformation journey with ultra-efficient API-driven services

15M data transactions per month

45M tons of waste recovered annually

7.7TWh of local renewable energy generated

SUEZ, a world leader in smart and sustainable resource management, wanted to adopt API-driven services to optimize operations, accelerate communications within their ecosystem, and improve the sharing of data between group companies. Using the Amplify platform, they can deliver API services to all 24 business units across the organization. Each business unit now manages its own API catalog and usage policies, while a central team has full visibility of all APIs in use for efficient, end-to-end control.

Read the case study →

Ready to digitally transform and future-enable your company?

Contact us →