

## Deloitte Engineering Building a Future Forward API Platform

It's not enough to just use the cloud, have APIs, or simply adopt API management.

Allow Deloitte's engineering services and solutions to show you a new approach engineering to for your organization by building a future forward and flexible mechanism to manage the configuration of your APIs.

### 4 Must-Haves for Building Your Future Forward API Platform

#### 1. Easy to Integrate and Consumed

Creating a future-proof API platform involves not only facilitating integration with other systems and APIs but also prioritizing user-friendliness. This means offering clear instructions, comprehensive documentation, and code samples, including request-response examples.

#### 2. Secure and Compliant

Adhering to industry best practices for data security and authentication, such as OAuth2 and HTTPS, is crucial. Additionally, maintaining compliance with relevant regulations safeguards user data and fosters trust.

#### 3. Scalable

Incorporating load balancing, horizontal scaling, and the ability to add resources as needed ensures that the platform can accommodate increasing traffic and evolving user requirements.

#### 4. Flexible and Adaptable

Designing for versioning, backward compatibility, and graceful deprecation allows for seamless adjustments to changing business needs and technology landscapes.

### Benefits to Building a Future Forward API Platform

#### Customization and Tailoring

- Control Over Dependencies
- Security and Compliance
- Adaptable to Unique Requirements

#### Efficiency and Flexibility

- Cost Savings
- Optimized Resource Management
- Support for Multi-Cloud Environments
- Integration Flexibility

#### Control and Extensibility

- More Control & Extensible
- Advanced Error Handling

#### Speed and Productivity

- Faster Turnaround
- Reduced Learning Curve
- Enhanced Productivity

### Connect with Deloitte Engineering to Learn:

1. Why it's important to approach your design architecture to be flexible for the future
2. How to bring a best-in-breed API management solution into your existing systems
3. View the technology diagrams outlining steps for successful integration and implementation

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# Engineering

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