



*easy – complete - powerful*



# Full API Lifecycle Management & Integration Platform

# A Must-Have for Modern Business: API Management

API management has become one of the cornerstones of modern business and digital transformation. Companies and organizations face the following critical challenges on their digital transformation journey:

## Security and Continuity

- **Protection against cyber threats:** The rise in cyberattacks makes API security more critical than ever.
- **Guaranteed service continuity:** Issues in the API infrastructure can lead to business disruptions.
- **Regulatory compliance:** API management must align with legal regulations such as GDPR and KVKK.

## Operational Excellence

- **Centralized control and monitoring:** API performance and usage data can be easily tracked.
- **Cost optimization:** Prevents duplicate APIs and ensures efficient resource utilization.
- **Quick issue resolution:** Centralized management enables rapid intervention in API errors.

## Competitive Advantage

- **Fast integration capability:** Enables faster and more efficient collaboration with business partners.
- **Facilitating partnerships:** Innovative business models can be built through APIs.
- **Seizing new business opportunities:** API-based business models can expand revenue streams.

## Preparing for the Digital Future

- **Adaptation to microservices architectures:** Enables the creation of more modular and scalable systems.
- **Cloud transformation support:** Maximizes the use of cloud technologies with multi-environment support.
- **Developing innovative solutions:** API catalogs and governance tools foster innovation.

*Apinizer is a comprehensive platform that addresses all these needs in API management.*

# What is Apinizer?

## The Core of the Solution and the Role of API Gateway

A powerful API Gateway solution that enables businesses to manage their API infrastructure securely, scalably, and centrally. The API Gateway simplifies processes for protecting, managing, and monitoring APIs, offering advantages in security, routing, and data transformation.

## Key Features of Apinizer and Benefits of API Gateway

- **What is an API Gateway?:** An API Gateway acts as a bridge between offered and consumed APIs. It provides critical functions such as security, load balancing, routing, and data transformation.
- **Ease of Use:** A user-friendly structure that requires no technical expertise.
- **End-to-End Management:** Delivers API development, monitoring, security, and integration within a single platform.
- **Kubernetes Native:** Offers flexibility, scalability, and high performance. Additionally, it ensures broad compatibility with enterprise solutions through OpenShift support.
- **Multi-Environment Support:** Compatible with on-prem, private cloud, and public cloud infrastructures.

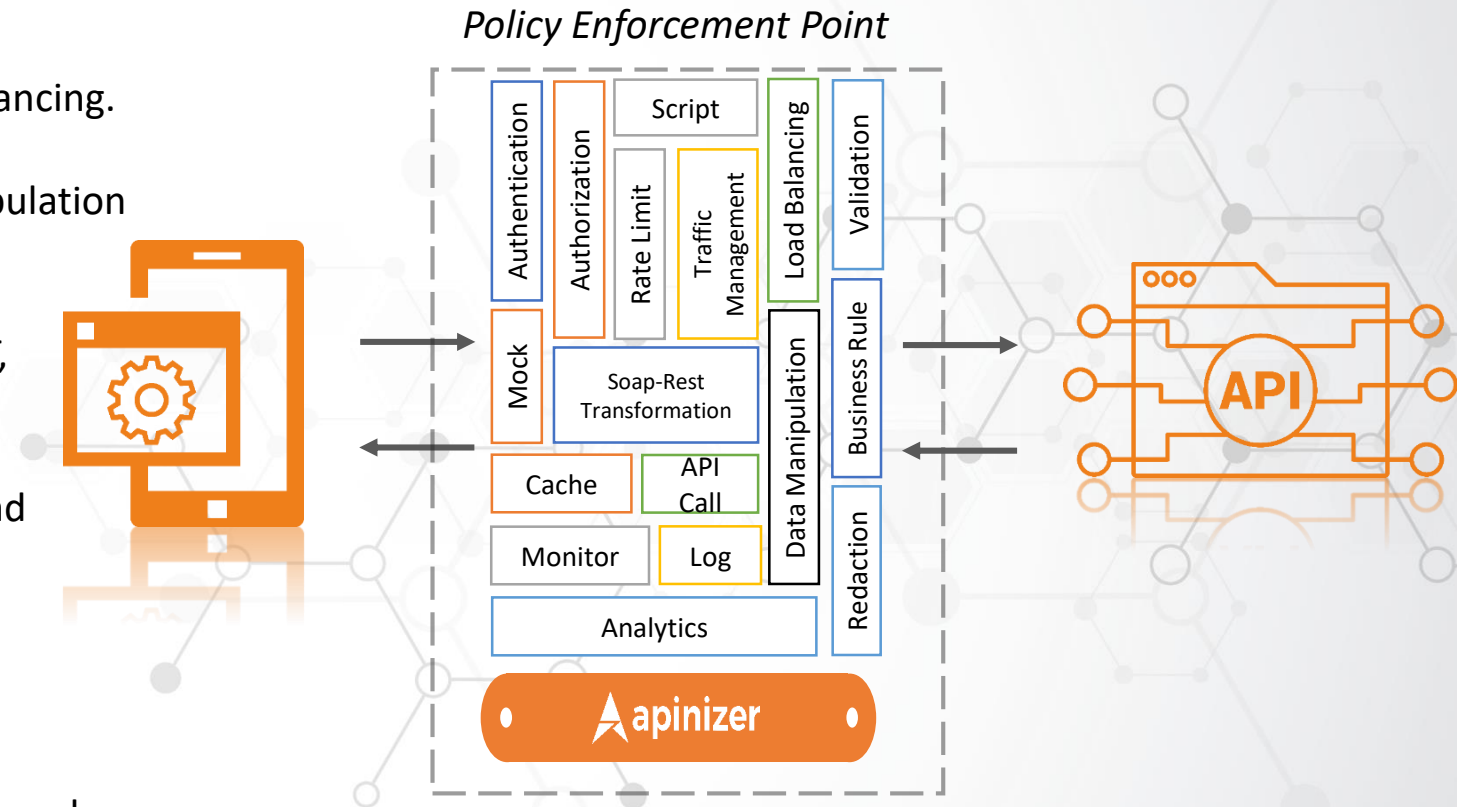
*Apinizer meets the API needs of modern businesses with its user-friendly design and robust technological infrastructure.*



# Technical Features

Apinizer provides a robust API infrastructure for modern businesses. This platform stands out with its performance, security, data management, and integration capabilities, simplifying API processes with developer-friendly tools.

- **API Gateway:** Acts as a secure bridge between offered and consumed APIs.
- **Traffic Management:** Enables traffic routing and load balancing.
- **Data Management & Manipulation:** Provides data manipulation and transformation solutions.
- **Security & Identity Management:** Supports OAuth2, JWT, content filtering, authentication, and redaction.
- **Logging and Monitoring:** Centralized log management and performance monitoring.
- **API Creation:** Facilitates API creation and offers mock API support.
- **Integrations:** Simplifies integration with different systems and services.
- **API Developer Portal:** Offers comprehensive tools and documentation for developers.



# The Difference and Benefits of Apinizer

## Compared to Other API Gateways

- **Licensing Advantages:** Unlimited gateways can be created with a total CPU license, reducing costs and providing flexibility.
- **Cost Benefits:** Easy-to-use structure minimizes development and maintenance costs.
- **Centralized Management Panel:** Simplifies API operations monitoring and enables quick issue resolution.
- **Lower Operational Costs:** Prevents repetitive tasks and enhances efficiency.
- **Multi-Environment Support:** Compatible with on-premises, private cloud, and public cloud infrastructures.



*Apinizer provides end-to-end integration by supporting next-generation protocols (REST, gRPC, GraphQL, WebSocket) and legacy systems (SOAP).*

# Real-World Examples

Apinizer delivers a proven solution in the industry through customer success stories.

## Financial Sector

- **Scenario:** Managing open banking APIs for a large bank
- **Challenge:** High-security requirements and heavy traffic
- **Solution with Apinizer:**
  - Implementation of OAuth2 and JWT integration
  - Traffic management and rate limiting
  - Enhanced API security layer to ensure compliance and protection

## Payment Systems

- **Scenario:** Modernizing the API infrastructure of a payment provider
- **Challenge:** Ensuring 24/7 uninterrupted service
- **Solution with Apinizer:**
  - High availability for continuous operations
  - Automatic scaling to handle peak demands
  - Real-time monitoring for proactive issue resolution

## Public Sector

- **Scenario:** e-Government integrations
- **Challenge:** Enabling interoperability between legacy systems and modern platforms
- **Solution with Apinizer:**
  - SOAP to REST transformation for seamless integration
  - Multi-environment management for diverse infrastructure needs
  - Centralized logging and auditing for compliance and monitoring

## Municipality

- **Scenario:** API management for smart city applications
- **Challenge:** Handling the coexistence of various protocols
- **Solution with Apinizer:**
  - WebSocket support for real-time communication
  - gRPC integration for high-performance APIs
  - GraphQL transformation for efficient data querying

# Target Audience and Roles

## Developers

- Fast API development and integration
- Automatic code generation and documentation
- Support for GraphQL, REST, and SOAP
- WebSocket and gRPC protocols

## System Administrators

- Centralized management and monitoring
- Kubernetes-native architecture
- Automatic scaling
- Multi-cluster management

## Security Team

- OAuth2 and JWT integration
- Role-based access control
- API security policies
- Audit logging

## Test Specialists

- API mock services
- Automated test scenarios
- Response validation
- Test environment management

## Business Analyst

- API usage analysis
- Performance metrics
- SLA tracking
- Business impact reports

## Business Unit

- Self-service API management
- Access to API catalog
- Easy integration
- API lifecycle control



# Apinizer in Action: Real-world Use Cases and Examples

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Dünya Katılım



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## Useful Links

Create a demo account quickly and try Apinizer.

<https://demo.apinizer.com>

Install Apinizer on your server. Only one line of script to execute!

<https://github.com/apinizer/apinizer>

Visit documentation for a quick overview, key concepts, or more.

<https://docs.apinizer.com>

Official Web Site

<https://apinizer.com>