



## PROXEDO API LIFECYCLE PLATFORM

# API MANAGEMENT

## Why is API management so important?

Often, organizations don't pay enough attention to security during API development; there are a lot of bad development practices and little documentation. Product and engineering teams worry about APIs' authentication, the lack of standardized API documentation, and usage monitoring and management. They call for centralized control of API programs — including analytics, access control, monetization, and developer workflows.

Organizations need API management solutions to speed up development and publish their APIs to external and internal developers and other partners. API management can unlock the potential of the organization's data and online services, extending the company's digital platform offerings, opening new communication channels, and finding new customers.

## Effortless control of your API ecosystem

The API Management module of the Proxedo API Lifecycle platform (PALP) is a flexible, agile, and powerful API management solution that helps your organization manage and secure the entire API lifecycle with modern solutions for API design, deployment, productization, and real-time observability. Benefit from a branded portal that enables API consumers to fully engage with your business and manage your API life cycle. API Management helps you document and publish your APIs. Create contracts between your API consumers and APIs - building API products from your backend services.

- Developer portal with a custom theme, full-text search, and API documentation.
- Out-of-the-box analytics dashboards give you a 360-degree view of your API.
- Create and register APIs in a few clicks to expose them to internal and external consumers easily.
- Provides over 50 pre-built policies to effectively shape traffic reaching the gateway.
- Users and administrators can register applications for consuming APIs with ease.

## BENEFITS

### For developers:

- 1 | Automated API development, review, and enrollment
- 2 | Simplified and secure access management for developers
- 3 | Self-service sign up, reporting, documentation, and analytics of APIs
- 4 | Easy design, development, testing, and publishing of APIs

### For DevOps:

- 1 | API lifecycle-management
- 2 | Unified policy management
- 3 | Analytics tools, dashboards, reports, and logs
- 4 | Easy-to-use, intuitive GUI
- 5 | Automated management API



[Proxedo API Lifecycle Platform homepage](#)

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## Access Management

As a part of our API management solution, Access Management is a versatile, streamlined, and easy-to-use identity and access management solution that offers a centralized authentication and authorization service to secure your applications and APIs.

- Control and secure enterprise data with industry-standard protocols such as OpenID Connect, OAuth 2.0, and JWT.
- Centralized and strong authentication with custom authentication extension points allow you to create your own identity and login flow.
- Enforce security and convenience by adding extra authentication factors.
- Secure your apps and APIs with industry best-practice security using biometrics, tokens, and other passwordless authentication mechanisms.

## Alert Engine

Alert Engine allows users to configure alerts and receive notifications through different channels, helping users monitor their API platform quickly and efficiently.

- Multi-channel notifications inform users of SLA breaches in real-time via email, messaging (Slack and MS Teams, etc.), and webhooks.
- Suspicious behavior detection alerts your administrators to spikes in traffic and other suspicious activity.
- A lightweight solution fits neatly into your event-based architecture.

## About Proxedo API Lifecycle Platform

The Proxedo API Lifecycle Platform (PALP) is a modular solution that allows you to protect and manage your APIs. PALP provides an end-to-end API security toolset helping your enterprise prevent API-specific threats, automated attacks, APTs and frauds. Its core component is API Security, a specialized security gateway that controls and monitors the API traffic in detail. Beyond the API security core, the portfolio includes API management, web application firewall and fraud detection.

API Management is a functional module of the Proxedo API Lifecycle Platform. The module works closely with API Security, the core module of PALP, adding an extra security and management layer to your API environment.