

## DATASHEET

# Full Lifecycle API Management

## Automate End-to-End API Processes

Full lifecycle API management with Akana enables collaboration and innovation between all stakeholders, whether business or DevOps. This results in rapid API development and deployment cycles which are integrated with your continuous integration (CI) and continuous delivery (CD) lifecycles. With Akana, your CI/CD automation processes are extended into API production, creating higher levels of API management efficiency and cohesion.

The Akana full lifecycle API management platform helps businesses win in today's fast paced technology landscape by improving stability, reliability, and availability of APIs and digital services. Accelerate your time to market with Akana's full lifecycle API management suite.

### Why Choose Akana

Akana full lifecycle API management provides end-to-end features for grappling with your APIs in a simple, secure, and rapid fashion. But who is it for? Organizations prepared to go all in with APIs — and automate API processes at every stage. While many API tools claim to cover the entire lifecycle, Akana is the only available suite capable of managing and automating every single stage of the API lifecycle — from planning, implementing, and deploying APIs, to versioning, maintenance, and monetization.

Our suite helps business leaders, developers, DevOps, and IT operations professionals simplify and accelerate API management across and outside their organizations. Furthermore, stakeholders can easily provide the necessary *input* at any given stage of API management, while other stakeholders can easily provide the necessary *input* at any given stage of API management,

while other stakeholders can easily extract relevant output. For example, product owners or architects may input metadata, whereas developers may input OAS documents. The product owner or tester then receives a different output; the API product. Or, DevOps operations may extract runtime metrics. No matter the stage, input, or output, your stakeholders have all the tools they need to manage the entire lifecycle with just a few clicks.

With Akana full lifecycle management you'll get security, agility, compliance, and speed. Have it all. That's the Akana pledge.

### Capabilities

#### SECURITY AUTOMATION

Metadata-driven policy management means API products automatically conform to enterprise standards, schemas, and models. Automatic application of the corresponding OAuth domains when promoting APIs from development to test and production eliminates developer tasks. Akana's extensive support for all common authentication schemas, standards, and token types ensures access for appropriate users and applications, while keeping threats at bay.

## API DEVOPS AUTOMATION

With Akana, you can utilize DevOps tools to accelerate DevOps production, API product deployment, and operational processes. Automatically provision API products from API code and existing services while applying runtime monitoring, security, and privacy policies selected throughout your software development lifecycle.

## API CREATION AUTOMATION

Access multi-level approvals, both manual and automated, as needed with full auditing capabilities. Or you can create APIs without using the GUI at all, apart from configuring basic elements such as metadata, policies, and models.

## GOVERNANCE

With Akana, you'll have access to custom API, app, and user fields. You can ensure governance oversight through explicit directives, such as metadata values. Or, in a post-hoc fashion by reviewing API products before approving promotion. If explicit directives are enabled, promotion only occurs with stakeholder approval:

- Ensures standards and practices are followed across the lifecycle.
- Defines and tracks multiple versions and dependencies.
- Analyzes and shows impacts of environment changes with visual dashboard.

## Features

### EXTENDED METADATA

Akana's out-of-the-box solution is completely customizable, including the ability to define any fields to classify the API, app, or other assets. Use any XML metadata type, including enumerated fields. The defined metadata automate policies, so you won't need to worry about which policies to attach. Likewise, metadata can be used to determine configuration details of API products — including the format or content of endpoints, which deployment zones APIs should be made available in, and levels of visibility.

## API AND POLICY PROMOTION

Which means you can fine-tune what happens to published APIs from one environment to the next. Akana bundles everything. This includes the API and any policy, model, or script that may apply. With one click, you can promote to the next environment. Approvals and notifications can be configured as a part of promotions, which complements metadata-driven automation.

## AUTOMATED PROVISIONING

Automate your API configuration and promotion to achieve greater adoption and accelerate internal API production. Automation features in your provisioning processes reduce risk across staging to production environments. This includes:

- Automated API configuration: API architects can define configuration patterns that are automatically applied via metadata settings.
- Auditable promotion records: administrators can review all API promotion activities. Gain full visibility into configuration changes across multiple API iterations and environments.
- Configurable role-based gating: enterprises can easily specify RACI (Responsible/Accountable/Consulted/Informed) roles into promotion workflows. These become part of the audit record.
- Integration with CI/CD platforms (e.g., Jenkins): easily add as either a master or slave within an enterprise's CI/CD architecture.

## Request On-Demand Demo

Akana is the *easiest and most trustworthy* way to create, publish, secure, and manage your APIs. See our full lifecycle API management features in action.

**REQUEST DEMO**

[akana.com/demo](https://akana.com/demo)