

Oracle Communications Services Gatekeeper for the Enterprise



Oracle Communications Services Gatekeeper is an open API management and governance platform with capabilities to manage the entire API lifecycle: from rapid API creation to API analytics and API firewall protection, enabling enterprises to accelerate internal development and engage with partners.

KEY FEATURES

- Expansive API Management
- Wizard-based API creation in minutes
- Communications interfaces including: call control, CTI, messaging
- Management Portal providing partner management and API on-boarding
- Partner Portal enabling partners to manage applications and APIs
- Analytics offering reports on API usage trends
- Multiple Service Facades supporting SOAP, REST, SOA and native interfaces
- Multiparty authorization and privacy control with OAuth 2.0
- Comprehensive policy and service-level agreement enforcement
- Customization and extensibility using Platform Development Studio and easy-to-use management tools

Oracle Communications Services Gatekeeper

Oracle Communications Services Gatekeeper allows enterprises to provide internal developers and partners access to its key value-added capabilities, as well as, third party APIs in a controlled, secure, optimized, and automated fashion, while providing robust customization and extensibility.

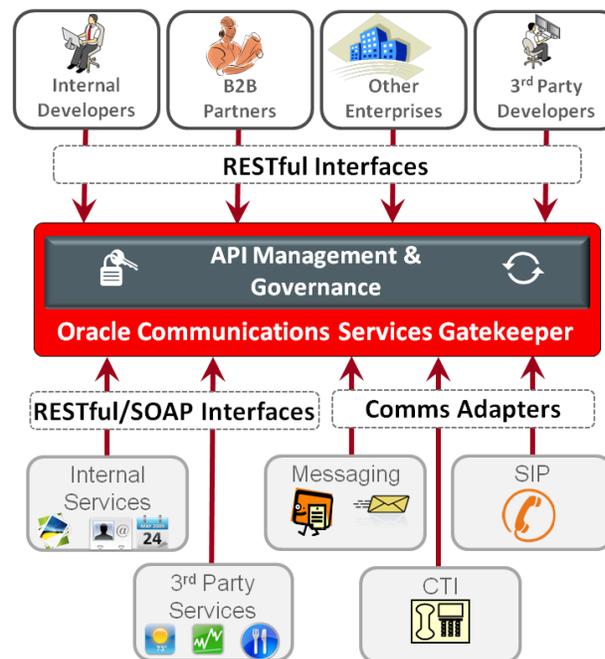


Figure 1: Oracle Communications Services Gatekeeper

API Management and Governance

Gartner's analysis of the API management indicates that API management is insufficient without governance.

KEY BENEFITS

- Accelerate internal development and partner engagement by aggregating and securely exposing assets
- Comprehensive control of third-party access and usage of enterprise assets
- Easily scalable to a large number of third-party developers and applications
- Rapidly extends to support exposure of new third-party APIs

The Oracle Communications Services Gatekeeper provides comprehensive API management and governance to fully address these requirements. Combining API management and SOA type governance, the key functions are illustrated below in Figure 2.

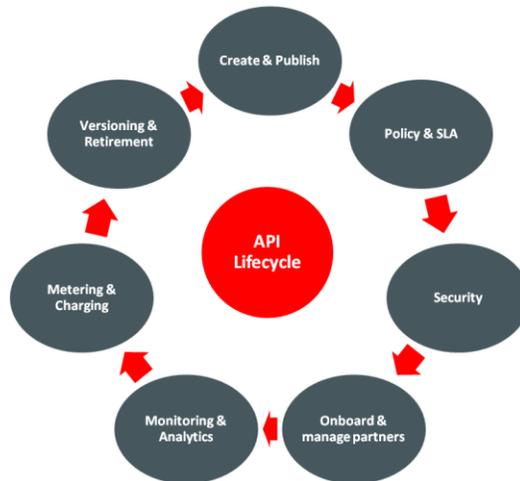


Figure 2: API Lifecycle

Oracle Communications Services Gatekeeper's API management and governance includes:

- **Create & Publish:** Wizard based API creation of APIs in minutes
- **Policy:** Extensive policy engine to ensure application quality of service through limits, throttling, black lists, etc.
- **Security:** API firewall to prevent DDOS, JSON and brute forces attacks, compliant with WS security standards and complete OAuth2 support
- **Onboard & Manage Partners:** Automate partner onboarding, manage API lifecycle, discovery and register APIs, and provide self care
- **Monitoring & Analytics:** Understand API usage with 30+ out of the box reports
- **Metering & Charging:** Charge for API usage based on volume or time through integration with online and offline charging
- **Versioning & Retirement:** Publish, deprecate, suspend, retire APIs, enable multiple API versions to be in use

Application Interfaces

Oracle Communications Services Gatekeeper provides flexibility and choice in how applications can access services and resources through multiple types of access interfaces called Service Facades.

The Service Facades supported are traditional SOAP Web Services, RESTful Web Services, SOA Web Services, and native interfaces. The SOAP and SOA Service Façades support application interfaces based on Parlay X 2.1/3.0, and Extended Web Services for those interfaces not supported in Parlay X. The RESTful Service Façade exposes HTTP-based interfaces with JSON-based data types, allowing Web 2.0 and rich internet applications to easily integrate communication capabilities.

A lightweight, brandable Software Developer Kit is provided with Oracle Communications Services Gatekeeper to enable enterprises to support developers as they test and build applications and services using SOAP and RESTful based interfaces.

Communications Interfaces

Oracle Communications Services Gatekeeper incorporates communications interfaces to facilitate the development of applications requiring: call control, email, messaging or CTI type interfaces. These prebuilt communications interfaces accelerate the integration of communications capabilities into applications and business processes.

The Programmable Enterprise

With Oracle Communications Services Gatekeeper, enterprises can make their enterprises programmable (Figure 3) , enabling them to securely expose key assets to internal developers and partners. By embracing third party and web APIs, the programmable enterprise can create a rich environment for developers, with easy access to a broad spectrum of Web Assets that can be mashed-up to create innovative and compelling services that enable new models across your enterprise.

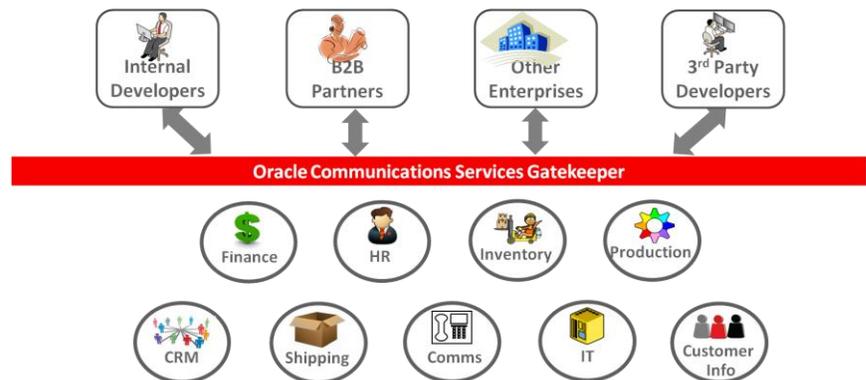


Figure 3: The Programmable Enterprise

Enterprise Applications

Oracle Communications Services Gatekeeper enables a broad set of use cases including:

- Integration
- Communications
- Leveraging Location
- Internet of Things

Oracle Communications Services Gatekeeper

The Oracle Communications Services Gatekeeper is a comprehensive API management and governance platform with communications interfaces that easily aggregates and securely exposes assets while accelerating innovation.



CONTACT US

For more information about Oracle Communications Services Gatekeeper, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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