

ORACLE

Oracle Hospitality Integration Platform

Oracle Hospitality Integration Platform (OHIP) is a cloud-native integration solution, which centralizes, consolidates, and streamlines all our interface capabilities and related processes into a single and unified platform. What that means for your business: OHIP makes it simpler, quicker, and less expensive to integrate with Oracle Hospitality Cloud. By providing an unprecedented self-service experience – from discovering our rich set of hospitality REST APIs to adopting them in customer or partner applications to publishing their usage in Oracle Cloud Marketplace – OHIP helps our hospitality customers and partners meet immediate and emerging marketplace demands.

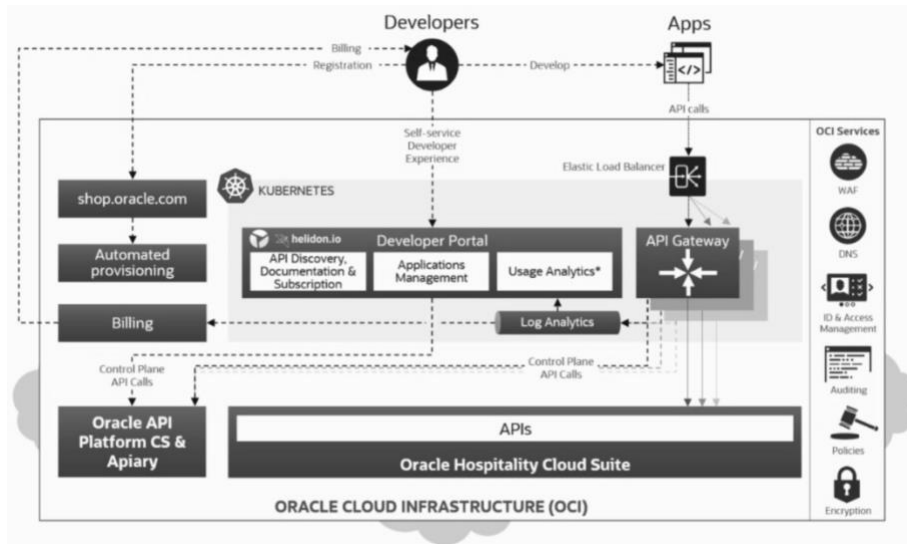
Simplify and connect quickly with powerful integrations

KEY PLATFORM FEATURES

- Public developer portal
- Self-service registration
- Over 3,100 available operations
- Built-in security of Oracle Cloud
- Interactive API documentation
- Online application monitoring
- Access to Oracle Support
- Optional validation program
- Consolidated cloud billing

Designed from the cloud down

OHIP is a cloud-native solution “designed from the cloud down” to help customers and partners meet not just today’s marketplace demands but tomorrow’s as well. The entire platform runs in [Oracle Cloud Infrastructure \(OCI\)](#), specifically in [Kubernetes](#), as fully stateless and independently deployable microservices. This modern architecture enables OHIP and its key components, such as the developer portal and API gateways (runtime component responsible for providing secure and rapid access to our hospitality APIs), to be highly scalable and capable of securely handling high levels of throughput.



MODERN SCALABLE ARCHITECTURE

OHIP uses a [third-generation API Platform](#), namely [Oracle API Platform Cloud Service](#) and [Apiary](#), along with many other Oracle Cloud services, to deliver a rich and responsive, self-service developer experience. The solution is modular and flexible, meaning new features can be released on demand, eliminating long release cycles.

Built by builders for builders

Oracle Hospitality Integration Platform is designed for self-service integrations. We give customers and integration partners the modern, powerful tools they need to build their integrations, and then we get out of their way. (Don’t worry, our experts are ready and willing to help, if needed.)

The intuitive, partner-focused developer portal offers the following features:

- **Search** hospitality APIs through a responsive user interface
- **Access** detailed API documentation through an interactive page enabled with [Apiary Embed](#) capability
- **Discover** the different resources available in an API, including visualization of request/response schemas, sample payloads, and client-code generation in multiple languages, such as Java, JavaScript, Python and Go
- **Interact** with Oracle Apiary’s mock and debugging servers
- **Register** and manage applications, including issuing and re-issuing of Application Keys
- **Subscribe** applications to use hospitality APIs
- **Visualize** and manage application metadata such as contact details, Application Keys, and to which APIs an application is subscribed

EMPOWERING DIRECT CONNECTIONS

OPERA Cloud customers and OHIP integration partners can work together directly, without the need to involve Oracle. The hotel has control to create an integration user for the partner and assign them the role for API access. The partner connects to the customer’s environment using the appropriate credentials and endpoints and starts exchanging data. Just like that.

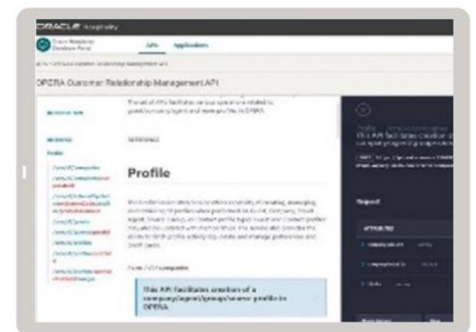
RESTful open apis for hospitality integration

Oracle Hospitality's commitment to accelerate innovation through integration is evident in our open APIs. The following are just some of the categories of APIs, which are documented in the developer portal and available for subscription:

- [OPERA Cloud Activity API](#): Sales activity functionality for overseeing daily tasks such as appointments, sales calls, and contact follow-up.
- [OPERA Cloud Block API](#): Business block functionality for a group of rooms held for guests attending an event, meeting, or function; create blocks for an array of purposes and set aside rooms for them.
- [OPERA Cloud Back Office Operations API](#): End of day functionality, which closes and balances each day's business activities by reconciling guest folios and processing credit card transactions. End of day rolls the business date forward and prints final reports.
- [OPERA Cloud Customer Relationship Management API](#): Provides access to profile management functionality. There are different types of profiles, including guest, company, and travel agent, each with specific information.
- [OPERA Cloud Sales and Event Management API](#): Taps into features designed to manage any kind of catering activity, from a simple one-hour reception to a complex three-day business meeting with meals, breaks, and specific room setup and resource requirements.
- [OPERA Cloud Front Desk Master Data Management API](#): Access to master data configuration for front-office operations, including fetching past and future exchange rates.
- [OPERA Cloud Front Desk Operations Service API](#): Front-desk operations and statistics such as managing guest arrivals, in-house guests, and guest departures. Tackle additional tasks, including making room assignments, creating registration cards, and sending messages to guests.
- [OPERA Cloud Housekeeping Service API](#): Housekeeping functionality such as scheduling of daily room cleaning, maintenance, and housekeeping staff activities. This provides information about room status, out of order/out of service rooms, and forecasting.
- [OPERA Cloud Integration Processor API](#): Functionality to fetch business events generated by defined activity in OPERA Cloud.
- [OPERA Cloud Inventory API](#): Taps into inventory functionality, including establishing sell limits for date ranges, viewing and updating property inventory, and item inventory such as rollaways and microwaves.
- [OPERA Cloud List of Values Management API](#): Provides access to list of value (LOV) functionality. Once configured by a property, users of this API can retrieve all configured codes (e.g. titles, room types).
- [OPERA Cloud Price Availability Rate API](#): Manage room inventory by gaining a detailed view of all available and sold rooms at a property. Additional tasks that can be performed include defining conditions for stay restrictions and setting room sell limits.
- [OPERA Cloud Rate API](#): Grants access to rate availability functionality, which delivers the tools needed to define and manage rate structures. For example, users can create and manage rate codes, rate classes, rate categories, and display sets, as well as manage promotion groups and codes.
- [OPERA Cloud Reservation API](#): Focuses on reservations related functionality such as creating and updating reservations. It deals with a range of information, including arrival date, departure date, room type, rate, and packages, and serves as gateway to the myriad functions that contribute to the guest experience.
- [Authentication API](#): Obtain JWT tokens based on resource owner password OAuth grant.

KEY API PHILOSOPHIES

- Easy to use
- Secure
- Discoverable
- Backward compatible



HOSPITALITY API SANDBOX

OHIP users have the option to test their API calls against our non-production OPERA Cloud API Sandbox. Access is API-only, and integration partners are charged only for the calls they make. This can be an economical alternative to maintaining your own lab. Come play in our sandbox – we'll bring the toys!

Not just open, open source

The pandemic underscored the need for hospitality providers to have flexible systems that can be adapted quickly to exceed changing guest expectations. Making it easier for partners to adapt and innovate, Oracle has made the REST API specifications in OHIP freely available as an open source project through GitHub.

By opening the REST API specifications for [Oracle Hospitality OPERA Cloud](#), the entire hospitality industry can directly benefit from years of development efforts. The move not only offers hoteliers a way to adopt new solutions faster, but it also represents a considerable step towards having a common industry reference for REST APIs.

Along with the full set of REST API specifications, accompanying Postman collections with over 1,000 sample messages are now available in our [Oracle Hospitality GitHub Repository](#). Developers are actively using these samples as the framework for researching and building their own integrations.

Solid security for piece of mind in modern times

Security is paramount in Oracle Hospitality Integration Platform. All our APIs offer fine-grained OAuth 2.0 based security plus individual application-key based access. In addition, hotels can decide exactly who has access to what APIs in their environment. OHIP offers users a true self-service experience that requires no Oracle intervention.

Go to market at your pace, not ours

OHIP is available in Oracle's online store, [shop.oracle.com](#). Partners are able to fully self-register to use OHIP, gain immediate access to their own developer portal, and start setting up their applications with their hotel customer. Partners can also sign up to use the OPERA Cloud API Sandbox to test their API calls against our non-production OPERA Cloud test environment.

Oracle Hospitality Integration Cloud Service

Oracle Hospitality Integration Cloud Service is a low-cost, comprehensive set of feature-rich services for integrating partner systems with the Oracle Hospitality OPERA Cloud Service suite of products.

Learn more about the Oracle Hospitality Integration Cloud Service and the new Oracle Hospitality Integration Platform.

Technical guides and Release Notes may be found on the [Oracle Help Center](#).



ORACLE
Hospitality

US\$10.00/Month

Mode:
Pay As You Go

Add to Cart

Metric:
10000 TRANSACTIONS

Quantity:
Based on Actual Usage

POSTMAN COLLECTIONS IN GITHUB

You can download and use the Postman collections in GitHub to help you get started with our APIs and become more familiar with using them. The Postman-collections folder contains the following content:

- API call samples for different functional workflows (e.g., check-in and checkout)
- Environment variables required to use the collections with our Hospitality APIs.

Modern, consumption-based pricing

Unlike the old way of charging a hotel an upfront license or subscription for each interface being connected, a hotel's access to OHIP is included in OPERA Cloud Foundation. A hotel can connect as many interfaces as they like through OHIP without additional interface costs from Oracle.

The consumers of the Hospitality Integration APIs through OHIP (usually an integration partner) pay a small fee per transaction, billed monthly in arrears, based on their usage. The integration partner signs up online for OHIP and pays no upfront costs. Billing happens only when they make calls through OHIP, at a rate of \$10 for up to 10,000 transactions per month.

There are additional pricing models coming soon for specific use cases such as CRS and Distribution.

ONLY PAY FOR WHAT YOU USE

For example, if you make between 1 and 10,000 calls in a month, you will be billed \$10. If you make 18,000 calls, you will be billed \$20. Nothing happening this month and you make no calls to OHIP? No problem – and no OHIP bill.

Although we sincerely hope you have plenty of business. When you do well, we do well!

Consolidate billing across customers for economies of scale

Unlike the legacy model of charging for integrations per resort, OHIP charges based on calls made per Oracle Cloud account. This means, for the purposes of billing, the integration partner can combine usage across as many different hotels and applications as they wish. Service all your applications through a single Oracle Cloud account and take advantage of economies of scale, as some applications make fewer calls and some make more in a given month. Or use separate Oracle Cloud accounts to keep some customers, applications, or countries separate. It's up to you!

The screenshot shows the Oracle Cloud console interface for the 'Service: Oracle Hospitality Integration Cloud Service'. The page is titled 'Billing Metrics' and includes navigation tabs for Overview, Billing Metrics, Resource Quotas, Business Metrics, and Documents. A sub-header indicates the metrics are displayed in the 'America/New_York' time zone. Below this, there are filters for 'Scope: US Central (Chicago)' and 'Show: Daily Usage'. A date range selector shows 'From: 07/01/21' to 'To: 07/28/21' with an 'Apply' button. A 'Download as CSV' button is also present, with a note 'All currency USD'. The 'Resource Summary' section contains a table with the following data:

Resource Name	Part Number	Usage	Coverage Charge
API Transactions (x10000)	052141	1.00	\$10.00

You can view API usage and billing data through Oracle Cloud Console.

Building more than just interfaces

Committing to an “open architecture” also means listening more and building a sense of community. We are making it our foremost priority to maintain an open, friendly, and continuous dialogue with all the actors – including customers, partners, and guests – who share this new hospitality platform ecosystem with us.

We maintain this dialogue through a global network of OPERA Cloud and OHIP subject matter experts from Product Management, Development, Consulting, Strategy, and Solution Engineering, who provide timely help and guidance as needed, while ensuring that feedback is... well, fed back into the system to drive product improvements.

Early adopter program

The Early Adopter API Program offers program members early access to newly released APIs before they are available for general consumption. Participants can discover and subscribe to these APIs within their registered applications, with the understanding that while our aim is to avoid any breaking changes, we cannot guarantee full backward compatibility with the “Early Adopter” APIs as we roll out patches to improve functionality and/or usability of them.

Members of the program benefit from the following:

- Early access to new API operations before they are available for general consumption.
- Best endeavors assistance provided by Oracle Hospitality Integration Platform product management team.
- The ability to provide feedback that can potentially influence the product roadmap.

AVAILABILITY OF PREMIUM SUPPORT

For many integration partners, the best endeavors assistance provided by our global network of OPERA Cloud and OHIP subject matter experts is all they need. However, our Oracle Consulting team does offer a premium (paid) service for partners and/or customers who desire dedicated support for their more complex projects. Please contact hospitality_apis_wg_grp@oracle.com if interested.

Connect with us

For more information about Oracle Hospitality Integration Platform and its related products, visit oracle.com/hospitality or call +1.800.ORACLE1 to speak to an Oracle representative.

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