

# Informatica Reference 360 SaaS Accelerator

## Reference Data Service API

### Overview

The **Reference Data Service APIs Accelerator** is a powerful, enterprise-grade solution built on **Informatica IDMC platform** to simplify and enhance the consumption of reference data in an enterprise.

Unlike Informatica's out-of-the-box APIs, which require hardcoding internal IDs of reference datasets, code lists, and hierarchies, our accelerator enables seamless access to reference data using **intuitive search and retrieval mechanisms** based on codes or names.

Designed for scalability, security, and flexibility, this accelerator empowers enterprises with a **single holistic service API** for all reference data consumers.

### Key Benefits

- ★ **Eliminates Hardcoded Dependencies** – No need to hardcode internal IDs of datasets, code lists, or hierarchies, reducing maintenance efforts and API complexity.
- ★ **Faster Time to Market** – Simplifies reference data consumption for applications and middleware, accelerating integration and deployment.
- ★ **Seamless Data Discovery** – Enables applications to search and retrieve reference data assets using natural identifiers like codes or names.
- ★ **Enterprise-Wide Standardization** – Provides a unified API framework, ensuring consistent access and governance of reference data across multiple applications.
- ★ **Enhanced Performance & Scalability** – Built on Informatica IDMC, ensuring high performance and scalability with zero reliance on third-party services.



- ★ **Future-Proof & Flexible** – Supports evolving business needs with the ability to adapt to new reference data structures and updates without requiring major changes.

## Key Features

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- **Single Unified API Service**

A one-stop API for all applications consuming reference data, including code lists, hierarchies, and crosswalks.

- **Dynamic Search & Retrieval**

Retrieve reference data based on business-friendly attributes like **codes, names or crosswalk mappings**.

- **Hierarchical Data Access**

Enables structured navigation and retrieval of hierarchical reference data **without requiring internal IDs**.

- **Crosswalk Resolution**

Easily map and retrieve crosswalks between different reference datasets across systems.

- **Seamless Integration**

Designed to integrate effortlessly with **middleware, analytics platforms, and enterprise applications**.

- **Secure & Compliant**

Ensures **data integrity, security, and compliance** with enterprise data governance policies.

- **No Third-Party Dependencies**

Fully built using **Informatica IDMC**, eliminating reliance on external tools or services.

## Ideal For:

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### Data Architects & Engineers

Simplify reference data integration across enterprise applications



### Middleware & API Developers

Enable a standardized approach to reference data access



### Data Governance/Compliance Teams

Maintain consistency and security in reference data management

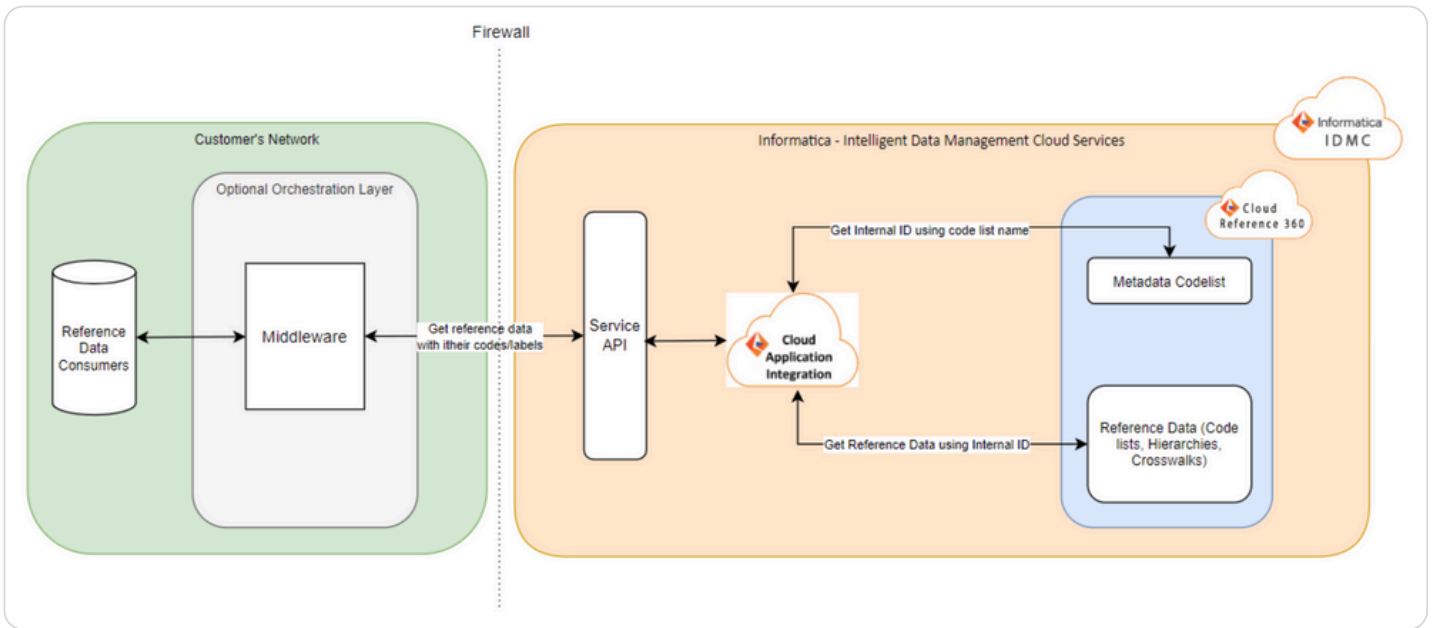


### BI & Analytics Teams

Ensure seamless reference data availability for reporting & insights



# Solution Architecture



# Data Flow Diagram

