

What is Nuvei Payment Middleware?

Nuvei Payment Middleware is a middleware platform designed to streamline and unify payment gateway integrations. It serves as a flexible orchestration layer that abstracts the complexity of working with multiple payment providers, enabling Nuvei and its partners to accelerate time-to-market, reduce development overhead, and deliver consistent payment experiences.

Strategic Purpose

Nuvei Payment Middleware exists to support Nuvei's broader mission of delivering seamless, scalable, and secure payment solutions. By decoupling the integration logic from individual gateways, it empowers internal teams to onboard new partners faster, test new capabilities with minimal lift, and maintain a consistent interface regardless of the underlying provider.

How it Works

At its core, Nuvei Payment Middleware provides a gateway-agnostic interface. Integrators initiate setup by querying available gateway endpoints, retrieving required configuration settings, and submitting those settings to receive a credential token. This token is then used to authenticate all subsequent interactions.

A capabilities endpoint allows integrators to simply call the api for details about gateway specific features, ensuring compatibility and reducing integration surprises.

Credential tokens do expire but are also refreshable. As long as they are used within a defined period of time, they remain valid, allowing greater integration flexibility.

Benefit to Our Customers and Partners

Nuvei Payment Middleware simplifies the development lifecycle by offering a unified API for initiating payments, checking statuses, handling refunds, and managing tokenized card data. Internal teams benefit from reduced maintenance and faster rollout of new features. Partners and clients gain flexibility, as they can connect to multiple gateways through a single integration point, future-proofing their payment infrastructure.

What Makes Nuvei Payment Middleware Unique

Unlike generic middleware, Nuvei Payment Middleware is purpose-built with Nuvei's ecosystem in mind. It supports advanced features such as real-time webhooks, secure

Payment Middleware

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tokenization, and gateway-specific logic encapsulated behind a consistent interface. This ensures that

while the system is extensible, it remains tightly aligned with Nuvei's standards for security, performance, and compliance.

Nuvei Payment Middleware is more than a technical bridge—it's a strategic enabler. By abstracting complexity and centralizing control, it positions Nuvei to adapt quickly in a dynamic payments landscape while delivering superior value to all stakeholders.

Key Features

- Unified API for multiple payment gateways
- Secure tokenization of card data
- Real-time transaction updates via webhooks
- Support for refunds, voids, and captures
- Gateway-specific capabilities and fallback handling

Simplified Workflow

- Authenticate and retrieve gateway settings
- Submit credentials to receive a secure token
- Use token to initiate and manage transactions
- Perform follow-up actions (refunds, voids, etc.)

Developer Notes and Best Practices

- Request test credentials from your gateway in advance
- Use idempotency keys to prevent duplicate charges
- Always verify transaction status from response body
- Store gateway-specific metadata when needed