

FLUX API

COMPOSABLE DATA SERVICES

API Documentation

Structured API documentation with authentication, endpoints, request and response schemas, examples, errors, limits, security, and changelog.

PREPARED FOR

Aperture Mobility

Northstar Systems · Mara Klein · 4 August 2026



Contents

Document contents

Document convention	Value
Status	Review-ready
Owner	Mara Klein
Reference	NS-045-2026

Overview and environments

Explain the API purpose, base URLs, supported protocols, environments, version policy, status, support, and quick start.

Document control	Detail
Owner	Mara Klein
Reference	NS-045-2026
Effective date	4 August 2026
Status	Ready for review

Authentication and authorization

Document credential types, token acquisition, scopes, tenancy, rotation, expiry, revocation, and secure storage.

Illustrative contract	Value
reference	NS-045-2026
status	review-ready



Requests and conventions

Define content types, headers, identifiers, dates, pagination, filtering, sorting, idempotency, correlation, and compatibility.

Requirement	Component	Verification	Status
Requests and conventions	Core boundary	Automated and review test	Specified
Failure path	Integration boundary	Negative test	In review

Endpoint reference

For every operation include method, path, purpose, permission, parameters, request schema, response schema, and examples.

Illustrative contract	Value
reference	NS-045-2026
status	review-ready

Errors and retries

Publish stable error codes, HTTP semantics, fields, validation detail, retryability, backoff, timeouts, and support references.

Requirement	Component	Verification	Status
Errors and retries	Core boundary	Automated and review test	Specified
Failure path	Integration boundary	Negative test	In review



Limits and performance

State quotas, rate limits, burst behavior, payload limits, pagination limits, asynchronous jobs, caching, and fair-use controls.

Illustrative contract	Value
reference	NS-045-2026
status	review-ready

Webhooks and events

Document event types, subscriptions, signatures, delivery, ordering, duplication, retries, replay, verification, and examples.

Requirement	Component	Verification	Status
Webhooks and events	Core boundary	Automated and review test	Specified
Failure path	Integration boundary	Negative test	In review

Security and changelog

Explain transport, data handling, reporting, deprecation, migration guidance, releases, known limits, and change history.

Illustrative contract	Value
reference	NS-045-2026
status	review-ready