

RelayDesk Webhook Delivery Guide

Secure delivery, replay protection, retries and troubleshooting

SYNTHETIC DEMO - NOT A CLIENT OR PRODUCTION CLAIM

Receiver contract

Read raw request bytes, check timestamp freshness, compute the HMAC digest and compare it in constant time. Persist the immutable event ID under a unique constraint before processing so duplicate deliveries cannot repeat business effects.

Delivery behavior

Success	Any 2xx after the event has been persisted.
Retry	Network errors, 408, 409, 425, 429 and 5xx with bounded exponential backoff.
Final	Other 4xx responses require configuration or code changes.
Deadline	After 24 hours the event enters a dead-letter queue.
Support	Delivery ID, event ID and correlation ID identify one attempt chain.

Operational states

- RECEIVED - transport accepted the request.
- VERIFIED - signature and timestamp passed.
- PERSISTED - event ID is durably stored.
- PROCESSED - business effect completed.
- PROCESSING_FAILED - authorized replay is possible after diagnosis.

Troubleshooting

Log identifiers, type, schema version, attempt, response class and duration. Never log signing secrets or unredacted sensitive payloads. Rotate secrets with an overlap window and an explicit key identifier.

Scope note: factual claims follow the public claim register at docs.mk1.rocks/claims.json.