

04 · External integrations

Verified live 2026-06-30. Every external service the system talks to, and the exact contract for each. Cross-refs: data model 01-data-model.md, flow catalog 03-flow-catalog.md, error routing 05-error-runbook.md, env/secrets 06-env-secrets.md, audit AUDIT-FINDINGS.md. The website (this repo) and n8n (n8n.nieexpertsspain.com) each hold their own credentials — both talk to most of these services.

Integration map

Service	Used by	Purpose	Contract anchor
Stripe	website + n8n	Checkout, upsells, refunds, disputes, Connect payouts	Checkout Session id (cs_...) = order id
Resend	website + n8n	Transactional email	RESEND_FROM_EMAIL sender
Notion	n8n (W15) + website	CRM mirror of orders	Supabase Order ID = cs_...
Discord	website + n8n	Ops alerts + typed error routing	webhook URLs per channel
Google Drive	n8n	Generated-doc + guide storage/sharing	file/folder ids on practices
Cal.com	n8n (W12)	Consultation / group-call booking	booking webhook
WhatsApp agent	n8n (W07)	Customer Q&A, escalation, payment links	outbox agent_events

Stripe

Checkout. Stripe Checkout Sessions, API version pinned 2026-04-22.dahlia. Mode is decided by the key: `isTestMode = STRIPE_SECRET_KEY.startsWith('sk_test')`.

- **Live mode** → line items reference hardcoded **live Product IDs**.
- **Test mode** → line items use inline `product_data` (sandbox products created ad hoc).

Order id. The Stripe Checkout Session id (`cs_...`) is the canonical order key. It becomes `orders.id` and `practices.order_id`, and in Notion it is triplicated into `Supabase Order ID / Client ID / Stripe Sessions` (H10). There is no DB-level FK between `orders` and `practices` (AUDIT-FINDINGS H7).

Friend discount. `resolveFriendDiscount()` returns **exactly one** of two shapes — never both:

- `discounts: [{ coupon }]` — when the order is referred (server-set `nie_affiliate_id`), is a **base** product, and a matching coupon exists. Coupon is server-resolved, never client-supplied.
- `allow_promotion_codes: true` — otherwise (lets the buyer type a public promo code).

Live friend coupons: B2T1aavc (digital), ArPaJugz (expert), B1sqQ2mS (concierge-plus, €10). Test mode uses the sandbox coupon set (FRIEND_COUPON*_TEST). Discount values: Digital €5 / Expert €10 / Concierge* €10 (changed from €20 on 2026-07-03 — commission stays €20).

Affiliate updates (2026-07-03/04): US ambassadors supported (accounts created under the FULL service agreement — the recipient agreement is not offered for US; EEA→US transfers allowed, ~0.25% cross-border fee platform-absorbed). Payout threshold removed (AFFILIATE_PAYOUT_MIN_EUR default 1). Dashboard: IBAN button handles add AND update (account_update link for completed accounts), connected-state copy, package column (Pacchetto) in the conversions table. Ambassadors receive a commission email on each referred base order; upsells generate no commission, no ping, no email.

Main webhook — `api/stripe-webhook.js`

Raw body, signature-verified with `STRIPE_WEBHOOK_SECRET`. Durability rule: it **bridges to n8n first** (W01 / W01b / W09) and **returns HTTP 500 on a retryable failure before any non-idempotent side effect**, so Stripe retries and orders are never lost. Side effects run only

after the bridge succeeds.

Stripe event	What the webhook does
checkout.session.completed	1) bridge to n8n W01 / W01b / W09 (durable, 500-on-retryable). Then: 2) Notion sync, 3) confirmation email (Resend), 4) Discord notifyPurchase, 5) affiliate Discord ping (referred orders), 6) commission ledger row (affiliate_commissions pending)
checkout.session.expired	bridge to W08 (abandoned-checkout handling)
charge.refunded	commission clawback + bridge to W16 (refund handler)
charge.dispute.created	Notion Dispute status + bridge to W10 (chargeback)

Christian: a successful purchase is the trigger for everything downstream. If you see a #stripe-checkouts Discord ping but **no** Notion row within ~5 min, check the n8n W01/W15 executions — the bridge or the sync failed.

Connect webhook — api/stripe-connect-webhook.js

Separate endpoint, **separate secret** (STRIPE_CONNECT_WEBHOOK_SECRET). Handles affiliate Connect account events: | Event | Action | |---|---| | account.updated | setPayoutsEnabled → writes affiliates.stripe_payouts_enabled |

maxDuration note: the main webhook runs many sequential awaits; AUDIT-FINDINGS D4 recommends adding maxDuration: 30 in vercel.json (matches the invoices repo). The n8n bridge runs first/durably so orders survive, but email/Discord/commission can be cut on the default timeout.

Resend (email)

Sender = RESEND_FROM_EMAIL, default onboarding@resend.dev — this is the **Resend sandbox sender and MUST change at go-live** (AUDIT-FINDINGS B1). If RESEND_API_KEY is missing, email is **skipped** (logged, not thrown).

Test redirect. EMAIL_OVERRIDE_TO redirects **all** outbound mail to one inbox (subject prefixed [TEST->...]). UNSET at go-live (B2).

BCC. admin@nieexpertsspain.com is BCC'd on the **order confirmation** and the **ambassador welcome** for observability. The **magic-link email has NO bcc** (it carries a single-use login token).

Delay. EMAIL_DELAY_MINUTES controls send delay: order/upsell confirmation default **5 min**, ambassador welcome **0**, magic-link **never delayed**.

Email	Trigger	Branding / extras	B
Order / upsell confirmation	checkout.session.completed	navy/gold IT branding; no booking CTA (separate consulenza invite email since 2026-07-03)	y
Ambassador welcome	affiliate signup approved	referral link nieexpertsspain.com/r/<code>	y
Magic-link	affiliate/admin login	15-min portal login token	n

Bounce webhook (REQUIRED, F2): W05's bounce-recovery only works if Resend POSTs to https://n8n.nieexpertsspain.com/webhook/nie-resend-bounce (events email.bounced, email.complained). Configure in the Resend dashboard — not verifiable via the send-only API key.

The **n8n side** sends via NIE_LIB_SendEmail (also Resend) with its own test override — so both halves of the system respect test redirection independently.

Notion (CRM)

Database "NIE Website Orders", id 36dfd253-5094-80ae-83e3-fdd8a10425c4. Written two ways:

- **W15** every 5 min — find by order id → update or create (full sync).
- **Website webhook** — dispute status on charge.dispute.created.

Upsert key = Supabase **Order ID** (the cs_... session id).

Property	Type	Notes
Cliente	title	currently = email (no real name — H10)
Email	email	
Amount EUR	number	
People	number	
Appointment Qty	number	
Tier	select	option duplicates Concierge+ vs Concierge+ never match (D1)
Stato Pratica	select	New / Welcome Inviato / Dispute / Rimborsato / Guida Condivisa
Supabase Order ID	text	= cs_... (upsert key)
Client ID	text	= same cs_... (triplicated — H10)
Stripe Sessions	text	= same cs_... (triplicated — H10)
Consulenza / Appuntamento	checkbox	
Materiali da Consegnare	formula	empty/dead formula (H10)
Created / Last Update	date	

Known issues: Tier select duplicates (D1); title=email + id triplication + dead formula (H10). See `AUDIT-FINDINGS.md`.

Discord (ops alerts)

Server **"NIE Experts Spain"**. The **website** uses three webhooks; **n8n** uses its own typed error/event channels (see `05-error-runbook.md`).

Website webhooks | Env var | Channel | |---| | `DISCORD_WEBHOOK_URL` | `#stripe-checkouts` (also used for upsell embeds) | `DISCORD_AFFILIATE_WEBHOOK_URL` | `#affiliation` | `DISCORD_PAYOUT_WEBHOOK_URL` | `#affiliation-payout` |

Discord routing (website side)

Event	Channel	Webhook
New purchase	<code>#stripe-checkouts</code>	<code>DISCORD_WEBHOOK_URL</code>
Upsell	<code>#stripe-checkouts</code> (same — title differs only)	<code>DISCORD_WEBHOOK_URL</code>
Referred order	<code>#affiliation</code>	<code>DISCORD_AFFILIATE_WEBHOOK_URL</code>
Weekly payout review	<code>#affiliation-payout</code>	<code>DISCORD_PAYOUT_WEBHOOK_URL</code>

AUDIT-FINDINGS H11: landing and upsell **share one webhook** — `#stripe-checkouts` and `#upsell-post-purchase` are not actually separate repo-side; only the embed title differs.

Full channel list (server-wide)

- **Website Orders:** `stripe-checkouts`, `upsell-post-purchase`, `new-appointments`, `consulenza`, `affiliation`, `affiliation-payout`, `chargeback`
 - **WhatsApp Agent:** `manual-review`, `whatsapp-errors`, `cliente-insoddisfatto`
 - **Errors:** `technical-errors`, `ex-18-errors`, `tasa-790-error`, `drive-errors`, `delivery-errors`
- new-appointments is a MANUAL channel, not automated.** Christian posts NIE cita booking requests here (name, surname, city, urgency) and the external booking partner ("CITA PARÁ NIE EXTRANJERÍA") books the in-person **extranjería** appointment. W12's Cal.com consultation/group-call pings deliberately go to `consulenza` (not here) so they don't pollute the partner's booking queue — that's why W12's `new-appointments` node is disabled. **Why it stays manual (by design):** the government cita needs human handling — choosing the office and coordinating with the partner — so this channel is intentionally *not* automated. **Optional (Christian's call, not built):** a light Notion helper could remove only the copy-paste — Christian fills the cita details on the Notion row, marks it *ready*, and n8n posts the formatted request here; the human still decides the office/details. Keeping it fully manual is an equally valid — and likely preferred — choice.

Google Drive

Per-practice subfolders. n8n:

- Uploads the **EX-18** and **Tasa 790/012** PDFs and shares each as **reader** via NIE_LIB_DriveShare.
- Shares the situation **guide** in **W04**.
- **Purges ID documents** in **W21** (GDPR).

File and folder ids are persisted on `practices` (`drive*_file_id`, `drive*_folder_id`, `share_permission_id`, `share_status`). Failures route to `#drive-errors` (see runbook); W05 attempts recovery for delivery-side failures.

Cal.com

Booking webhook → **W12** records the appointment on the practice (`partner_appointments` view surfaces it). The consultation upsell email carries the Cal.com booking link directly.

WhatsApp

Outbound is the **outbox pattern**: n8n calls `NIE_LIB_NotifyAgent`, which enqueues to `agent_events` for an external WhatsApp agent (W07 coordinator). The Tally Fase-2 thank-you screen and the agent name "Milene" hand the customer off to **wa.me/34670557796** for live questions.