



# The NLT Workforce

**Agents as jobs — NLT Engine + NLT Scout**

27 repos, one org chart.

Every agent is a job with inputs, outputs, and risk tier.

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**AUDIENCE** COO · operators · investors

# Executive summary

<b>29</b> <b>ENGINE ROLES</b> NLTlabsPE agents/	<b>7</b> <b>SCOUT ROLES</b> Vertical intake	<b>2</b> <b>HIGH RISK</b> Operator approval	<b>3</b> <b>PIPELINES</b> PE · POC · create
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Every agent in the NLT platform is a job with a manager, inputs, outputs, and a risk tier. This catalog translates AGENTS.md frontmatter into language a COO or investor understands without opening 27 repository folders.

## Key findings

- 1 PE pipeline owns research, audit, and FUND/PASS/DIG verdict.
- 2 POC pipeline fans out design, build, QA after FUND.
- 3 HIGH-risk agents (incorporator, banker) require per-spawn approval.

### COO takeaway

Use this volume as the onboarding org chart. Vol 4 shows how handoffs move between Scout intake and Engine workflows.

## SECTION I

# Foreword

Why agents are cataloged as jobs.

Investors see Vol 1 for proof URLs. Operators see this volume for who does what. Architects continue to Vol 3-4 for boundaries and motion.

Each role row below is derived from AGENTS.md frontmatter at build time. When a consumer checkout moves agents between folders, rebuild this PDF rather than editing tables by hand.

### Methodology

This brief is generated from the live NLT document suite (nlt-report-studio v0.2.0, brand nlt-v3.2). Diagrams and tables reflect build-time workspace discovery where noted.

### Audience

- Investors & board — Vol 1-2

- Architects — Vol 3-4
- Engineering DD — Vol 5-8

**Related proof**

[portfolio.nltlabs.ai](https://portfolio.nltlabs.ai) · [briefs.nltlabs.ai](https://briefs.nltlabs.ai)

**How to read this volume**

Reader	Start here	Continue to
Investor / board	Vol 1 portfolio brief	Vol 2 for org depth
COO / operator	Sec II pipelines	Vol 4 communication flows
Architect	Sec III-IV rosters	Vol 3 trust boundaries

**SECTION II**

# How the workforce is organized

Three pipelines and Scout vertical intake.

- PE pipeline (portfolio-pe) — research, audit, FUND/PAS
- POC pipeline (portfolio-poc) — director, design, build, v
- Portfolio create (portfolio-create) — formation and bar
- NLT Scout — vertical intake agents feeding the engine dispatcher.

**Build-time counts**

29 NLT Engine roles and 7 NLT Scout roles discovered from workspace at PDF build.

**Pipeline triggers and outputs**

Pipeline	Trigger	Primary outputs	Typical duration
portfolio-pe	Scout PE JSON	FUND / PASS / DIG verdict	Hours-days
portfolio-poc	FUND verdict	Shipped POC + deploy URL	Days-weeks
portfolio-create	FUND + operator OK	Entity + banking artifacts	Weeks
Scout intake	Idea markdown	PE JSON + dispatcher handoff	Hours

## SECTION III

# NLT Engine roles

Portfolio operating system job catalog.

Job title	Reports to	Inputs	Outputs	Risk
Banker	pe-firm (after FUND)	incorporator	Authoritative JSON / ship record	high
Compliance Baseline	Platform operator	pe-firm	Authoritative JSON / ship record	medium
Domain & Brand	pe-firm (after FUND)	incorporator	Authoritative JSON / ship record	low
GTM Launcher	Platform operator	compliance-baseline, domain-and-brand	Authoritative JSON / ship record	low
GTM Operator	poc-director (POC Program Director)	poc-director	Research brief or QA verdict	low
Incorporator	pe-firm (after FUND)	pe-firm	Authoritative JSON / ship record	high
Linear Intake Creator	pe-firm (PE Managing Partner)	Intake artifacts, workflow context	Research brief or QA verdict	medium
Market Pricing Researcher	poc-director (POC Program Director)	poc-director, poc-product-designer	Research brief or QA verdict	low
Pipeline number-hygiene auditor	pe-firm (PE Managing Partner)	pe-market-researcher, pe-competitive-analyst, pe-feasibility-analyst, pe-financial-modeler, ...	Research brief or QA verdict	low
PE pipeline competitive analyst	pe-firm (PE Managing Partner)	Intake artifacts, workflow context	Research brief or QA verdict	low
PE pipeline creative director	pe-firm (PE Managing Partner)	Intake artifacts, workflow context	Research brief or QA verdict	low
PE pipeline devil's advocate	pe-firm (PE Managing Partner)	pe-market-researcher, pe-competitive-analyst, pe-feasibility-analyst, pe-financial-modeler, ...	Research brief or QA verdict	low
PE pipeline feasibility analyst	pe-firm (PE Managing Partner)	Intake artifacts, workflow context	Research brief or QA verdict	low
PE pipeline financial modeler	pe-firm (PE Managing Partner)	Intake artifacts, workflow context	Research brief or QA verdict	low
PE pipeline decision-maker	pe-firm (PE Managing Partner)	pe-market-researcher, pe-competitive-analyst, pe-feasibility-analyst, pe-financial-modeler, ...	Authoritative JSON / ship record	low

Job title	Reports to	Inputs	Outputs	Risk
PE pipeline market researcher	pe-firm (PE Managing Partner)	Intake artifacts, workflow context	Research brief or QA verdict	low
PE pipeline regulatory analyst	pe-firm (PE Managing Partner)	Intake artifacts, workflow context	Research brief or QA verdict	low
POC Frontend Builder	poc-director (POC Program Director)	poc-director, poc-product-designer, poc-designer, poc-copywriter, ...	Authoritative JSON / ship record	medium
Thin AF gateway for the poc-ship build step	poc-director (POC Program Director)	Intake artifacts, workflow context	Authoritative JSON / ship record	low
POC Content QA Agent	poc-director (POC Program Director)	poc-director, poc-copywriter	Research brief or QA verdict	low
POC Messaging Strategist	poc-director (POC Program Director)	poc-director, poc-product-designer	Authoritative JSON / ship record	low
POC Brand Designer	poc-director (POC Program Director)	poc-director, poc-product-designer	Authoritative JSON / ship record	low
POC Venture Designer	poc-director (POC Program Director)	Intake artifacts, workflow context	Authoritative JSON / ship record	low
POC GTM QA	poc-director (POC Program Director)	gtm-operator, poc-director	Research brief or QA verdict	low
POC Post-Deploy Audit	poc-director (POC Program Director)	poc-builder, poc-director	Research brief or QA verdict	low
POC Product Designer	poc-director (POC Program Director)	poc-director	Authoritative JSON / ship record	low
POC Quality Reviewer	poc-director (POC Program Director)	poc-visual-qa, poc-content-qa, market-pricing-researcher, poc-builder, ...	Research brief or QA verdict	low
POC Visual Assets Agent	poc-director (POC Program Director)	poc-director, poc-product-designer	Research brief or QA verdict	low
POC Visual QA Agent	poc-director (POC Program Director)	poc-director, poc-product-designer, poc-visual-assets	Research brief or QA verdict	low

Engine roles cluster under portfolio-pe, portfolio-poc, and portfolio-create workflows. HIGH-risk rows (incorporator, banker) require explicit operator approval before each spawn — see Section VI.

SECTION IV

# NLT Scout roles

Vertical intake and dispatcher agents.

Job title	Reports to	Inputs	Outputs	Risk
Candidate Surfacers	intake_dispatcher (Scout Operations)	Vertical feed (web, HN, Reddit, YouTube)	Research brief or QA verdict	medium
Categorize	intake_dispatcher (Scout Operations)	Vertical feed (web, HN, Reddit, YouTube)	Research brief or QA verdict	low
General Web Search	intake_dispatcher (Scout Operations)	Vertical feed (web, HN, Reddit, YouTube)	Research brief or QA verdict	medium
Intake Submitter	intake_dispatcher (Scout Operations)	Vertical feed (web, HN, Reddit, YouTube)	Research brief or QA verdict	medium
Market Signal	intake_dispatcher (Scout Operations)	Vertical feed (web, HN, Reddit, YouTube)	Research brief or QA verdict	medium
Skeleton Probe	intake_dispatcher (Scout Operations)	Vertical feed (web, HN, Reddit, YouTube)	Research brief or QA verdict	low
Thesis Writer	intake_dispatcher (Scout Operations)	Vertical feed (web, HN, Reddit, YouTube)	Research brief or QA verdict	low

Scout role tables populate from the Vol 7 reference stub in ReportLab by default when NLT\_SCOUT\_ROOT is unset.

**Data source**  
 Set NLT\_SCOUT\_ROOT to a NewCompanyIdeas checkout to load live agent definitions at PDF build time.

## Scout → Engine handoff surfaces

Scout function	Feeds	Engine consumer
Vertical intake	ideas/ markdown	pe-evaluate workflow
Dispatcher	PE JSON promotion	portfolio-pe registry
Research assist	External citations	Audit nodes in PE pipeline

SECTION V

# Handoffs and escalation

How work moves between Scout, Engine, and QA hive.

Handoffs are durable artifacts (git commits, PE JSON, workflow invoke) — not in-process calls across repository boundaries. When a step stalls, operators trace the row in the table below before opening

individual agent logs.

### Handoff matrix

From	To	Artifact	Escalation
Scout intake	NLT Engine	PE JSON via git/dispatcher	Missing root env
PE verdict FUND	POC pipeline	Workflow invoke	Director timeout
POC build	QA hive	Ship checklist	Gate fail → fix loop
HIGH-risk spawn	Operator	Approval token	Block until acknowledged

→ Scout intake → NLT Engine pe-evaluate via dispatcher and PE JSON.	→ FUND verdict → poc-ship workflow; director fans out to build roles.
→ HIGH-risk agents require operator approval per spawn.	→ QA hive agents gate ship readiness before portfolio publish.

## SECTION VI

# Risk and approval matrix

Tiered gates for autonomous vs supervised agents.

## Risk matrix

Risk	Examples	Gate
low	Researchers, QA reviewers, copywriters	Auto-run in workflow
medium	poc-builder, domain-and-brand	Builder timeout + audit nodes
high	incorporator, banker	Explicit operator approval per spawn

- LOW — auto-run inside workflow; audit log only on failure.
- MEDIUM — builder timeout + audit nodes; operator notified on retry.
- HIGH — per-spawn approval; no silent retry after denial.
- Escalation path: workflow log → Vol 4 sequence diagram → operator chat.

Confidential — prepared for NLT Labs stakeholders. Outward names follow docs/NLT\_BRAND.md. Internal checkout names appear only in builder ops volumes (9-10).