

Nithin,

I'm assigning you a focused 3-day build sprint for OneValue.

I want you to grow into leading OneValue. To do that, we need a working delivery operating system that gives us portfolio-wide truth without me pulling it together manually.

My support

- I'll be available all three days to unblock you. Escalate quickly when you hit blockers.

What you must ship (real product, not a PoC)

A gated Delivery Intelligence Console:

- Google OAuth + invite-only allowlist
- Supabase storage with RLS and auditability
- ingestion of PM meeting notes across all projects (starting today)
- ingestion of project comms from Slack/Teams where available (minimum: one working integration end-to-end; document the rest)
- join every project to its SOW/contract terms stored in Supabase (term dates, scope anchors, renewal window)

Dashboard outputs must include:

- Objectives, issues, blockers, owners, aging
- Delivery health metrics (portfolio + per project)
- Renewal readiness view post-June (signal-based, evidence-linked)
- Contract term visibility + scope alignment indicators
- Action queue: "what we do next," with owners and evidence links

Demo requirements

- Show the dashboard running on real inputs
- Show the SOW linkage working
- Show the access model (allowlist + roles)
- Show how it runs daily and how you handle failures

The bar is simple: an internal product we can rely on immediately.

**Platform.claude API Key :**

sk-ant-api03-xLRsAmquGXkB2kbuNL5cNMNI0rX39e0hHF\_iMfcVapKAcf9KtK-dmVdNRZSsjeYTVFdIKmlgtIMRW8SxU63Q-t8gR2AAA

# Delivery Intelligence Console - PRD Document

**Product Requirements Document (PRD)** incorporates your specific instructions for SOW processing, error handling, and AI-driven ownership. This is a high-stakes, 48-hour build for the **OneValue Delivery Intelligence Console**.

## 1. Project Vision & Identity

The **Delivery Intelligence Console** is a unified "Delivery Operating System" designed to provide portfolio-wide truth<sup>11</sup>. It eliminates manual data pulling by automating the ingestion of project communication and contractual terms<sup>2222</sup>.

- **Target Bar:** A production-ready internal product, not a Proof of Concept (PoC)<sup>3333</sup>.
- **Design Standard:** "Tahoe OS26" (Apple-inspired) featuring liquid glass surfaces, semi-transparency, and rounded geometry.
- **Access:** Google OAuth restricted to the [oneorigin.us](#) domain via an invite-only allowlist<sup>4</sup>.

## 2. Infrastructure & Technical Stack

Component	Technology	Role
Frontend	Lovable	React-based UI with built-in Supabase integration.
Database	Supabase	Postgres with Row Level Security (RLS) and auditability <sup>55</sup> .
Automation	n8n	Orchestration of all workflows, historical dumps, and daily crons.

Hosting	GitHub Projects	Direct integration for deployment via GitHub Pages.
AI Processing	Claude 3.5 Sonnet	Logic via Platform.claude API key <sup>66</sup> .

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### 3. Detailed Supabase Schema

The database ensures every delivery event is anchored to a contract (SOW).

**Table: sow\_contracts**

- **Columns:** id, project\_name, start\_date, end\_date, scope\_anchors (text array), renewal\_window\_start, contract\_value, pdf\_link, inferred\_owner.
- **Purpose:** Stores the "Truth Anchors" extracted from the standard format PDFs in Google Drive<sup>7</sup>.

**Table: delivery\_intelligence**

- **Columns:** id, project\_id (FK), source (Gmail/Chat), event\_type (MOM/Comm), content\_raw, sentiment\_score, extracted\_blockers, aging\_days.
- **Purpose:** Central repository for project execution data<sup>8</sup>.

**Table: system\_audit\_logs**

- **Columns:** id, workflow\_name, execution\_status, error\_payload, timestamp.
- **Purpose:** Ensures full auditability and tracks "Daily Run" success/failures<sup>999</sup>.

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### 4. n8n Workflow Architecture

Workflows include a one-time historical dump and recurring daily intelligence gathering.

Workflow Name	Purpose
historical_data_dump	One-time pull of all Gmail ( <span>.edu</span> domains) and Google Chat MOMs from Jan 1, 2024, to date.

sow_pdf_auto_ingestor	Watches Google Drive; parses standard-format PDFs to extract dates, scope anchors, and inferred owners.
daily_delivery_poller	Recurring cron to scrape MOMs from specific Google Chat Spaces and Direct Messages <sup>10</sup> .
ai_project_analyzer	Uses Claude to compare daily MOMs against SOW anchors to detect scope creep or health drops <sup>111111</sup> .
onevalue_alert_manager	<b>Central Error Handler:</b> Catches failures across all workflows and triggers an alert in the "OneValue Alerts" Space.

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## 5. UI Requirements (Tahoe OS26 Standard)

The interface must be **"extremely intrusive"** to ensure critical data is never missed.

- **Portfolio Health Dashboard:** High-level metrics for renewal readiness post-June and overall portfolio health<sup>12</sup>.
- **Project Detail View:** Real-time linkage between execution data and SOW terms<sup>13</sup>.
- **Action Queue:** "What we do next" view with owners, evidence links, and aging indicators<sup>14141414</sup>.
- **The "Evidence Link":** Every AI-generated health signal must include a deep link back to the source Google Chat or Gmail message<sup>151515</sup>.

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## 6. Advanced "Auto-Pilot" AI Features

- **The Inferred Owner Agent:** AI will analyze meeting notes and SOWs to automatically identify the OneOrigin owner and notify them via Google Chat when a blocker is detected.
- **Renewal Oracle:** A signal-based view that flags projects at risk of non-renewal based on sentiment in .edu domain emails<sup>16</sup>.

- **Automatic Scope Anchoring:** AI cross-references MOM outcomes against `scope_anchors` in the SOW; if a meeting discusses out-of-scope work, it triggers an immediate "Scope Creep" warning<sup>17</sup>.

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## 7. Delivery & Demo Requirements

To meet the "3-day build sprint" bar<sup>18</sup>:

1. **Live Dashboard:** Must run on real inputs (not placeholder data)<sup>19</sup>.
2. **SOW Linkage:** Show the dynamic mapping between a Google Chat MOM and the original SOW terms<sup>20</sup>.
3. **Access Security:** Demonstrate the allowlist-only Google OAuth login<sup>21</sup>.
4. **Resilience Demo:** Show the "OneValue Alerts" workflow handling a simulated failure<sup>22</sup>.

**Next Step:** Would you like me to generate the **Supabase SQL setup script** for the tables and RLS policies defined above?