

Project Nova Internal Brief

Project Nova: Internal Strategy & Execution Brief

Document ID: P-NOV-2025-01

Date: July 15, 2025

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1. Executive Summary

Project Nova is a strategic initiative to build a state-of-the-art, client-facing analytics dashboard. The primary goal is to provide our customers with real-time data visualization and actionable insights. This platform will replace the legacy 'AlphaView' system.

Approved by: Eleanor Vance (CEO)

2. Project Timeline

- Start Date: August 1, 2025
- Phase 1 (Architecture & Design): August 1 - August 30, 2025
- Phase 2 (Backend Development - 'Orion'): September 1 - September 30, 2025
- Phase 3 (Frontend Development - 'Lyra'): October 1 - October 31, 2025
- Phase 4 (UAT & Deployment): November 15, 2025
- Go-Live Target: December 1, 2025
- Phase 5 (Mobile App & Scaling): January 5, 2026 (New!)

3. Key Team Members & Roles

- Project Lead: Dr. Evelyn Reed
- Backend Lead (Orion): David Chen
- Frontend Lead (Lyra): Pending
- Chief Designer: Sarah Jenkins (New!)
- DevOps Engineer: Marcus Thorne
- HR Manager: Sarah Miller

4. Technology Stack

- Backend (Orion): Python, FastAPI, PostgreSQL.

- Frontend (Lyra): React, TypeScript, TailwindCSS.
- Infrastructure: AWS (Lambda, RDS, S3).

5. Budget & Resources (Confidential) (New Section)

The total approved budget for Project Nova is \$1.2 Million.

- Development: \$800,000
- Infrastructure (Year 1): \$150,000
- Design & Marketing: \$150,000
- Contingency: \$100,000

6. Risk Management (New Section)

- Risk: Scalability during peak traffic.
- Mitigation: Auto-scaling groups implemented by Marcus Thorne.
- Risk: Third-party API rate limits.
- Mitigation: Caching layer in Redis.

7. Future Roadmap (2026)

- Q1 2026: Launch Android and iOS mobile applications (Project 'Nebula').
- Q2 2026: AI-driven predictive analytics module.
- Q3 2026: Expansion into European markets (GDPR compliance focus).

8. Security & Data Privacy (New Section)

- Encryption: All data at rest must be encrypted using AES-256.
- Authentication: Multi-Factor Authentication (MFA) is mandatory for all admin access.
- Audit Logs: Logs must be retained for 7 years to meet financial regulations.
- Compliance: System must be SOC2 Type II compliant by launch.

9. External Vendors & Partners

- Cloud Provider: AWS (Managed by DevOps Team).
- UI/UX Design Agency: 'PixelPerfect Studios' (Consultant contract: \$50,000).
- Security Auditing Firm: 'CyberGuard Solutions' (Audit scheduled for Nov 10).

10. Internal Communication Plan

- Daily Standup: 9:30 AM EST (Zoom Link #8842).
- Bi-weekly Sprint Review: Fridays at 3:00 PM EST.
- Documentation Hub: Confluence Space 'Project Nova'.
- Emergency Contact: Marcus Thorne (DevOps) - Ext 4492.