

INVESTOR

Pitch Deck Thesis

PREDICT | PREVENT | EXECUTE

Heavy industry spends more than **USD\$15B a year** executing mandatory inspection and maintenance events globally — at **less than 50% return efficiency***

NextGen-Navigator AI Inc. is building the governed AI layer that helps asset owners predict risk, prevent loss, and execute with **greater than 70% return efficiency.**

*based on Solomon Associates RAM Study findings www.solomoninsight.com

Seed-stage investment thesis — Prepared for prospective investors



www.nextgen-navigator.ai

THE Problem

>\$15B

spent globally every year
executing heavy industry
maintenance and inspection
events and capital projects

<50%

average return efficiency on
that spend (dollars burned
without return)

Millions

in production losses and
incident risk per event when
execution slips

Every year, heavy industry burns billions of dollars it didn't have to.

Asset-intensive industries — oil & gas, power, chemicals, mining — invest billions annually in scheduled maintenance, inspections, and capital projects. These events aren't optional: they're what keeps operating licenses valid and process safety intact.

They're also some of the highest-stakes operations in industrial life — thousands of interdependent tasks, hundreds of resources, brutal timelines, zero room for error. And despite months of meticulous planning, most events still *burn* through a significant share of their budget. Not because the work is impossible — because coordinating it at this scale, with today's tools, is.

The result: near-miss incidents, blown schedules, blown budgets, lost production — and a balance sheet that quietly absorbs the damage.

“Heavy industry asset owners who encompass AI today will lead the industry in risk-avoidance navigation tomorrow.”

— EJ Lister, Founder, CEO

THE Solution

NAVi™ | Agent Navi™ | NAViGuard™

NAVi™ by NextGen-Navigator AI Inc. is a purpose-built, AI-collaborative risk-avoidance and execution-navigation decision-support console for heavy-industry inspection and maintenance events and capital projects.

Agent Navi™ navigates. Humans command. NAViGuard™ protects the route.

NAVi™ helps convert those choices into a continuously refined 24-hour shift plan—prioritized by risk, readiness, resources, cost, float and field conditions—so teams can act before variance becomes disruption, protect tool time, optimize crew and equipment deployment, reduce indirect cost and limit production-loss exposure.

NAVi™ Console

Risk-avoidance dashboard and decision-navigation for schedulers, managers, and executives.

Agent Navi™ (Model iQ130)

AI-assisted analysis, queries, variance interpretation, and mitigation options — the AI SchedAnalyst.

NAViGuard™

Governs AI-agent behavior, preserves data integrity, and keeps decision-making human-led and auditable.

NEXTGEN-NAVIGATOR AI INC.

Proactive Execution **Navigation**

"NAVi™ sits above the systems asset owners already run — Oracle® Primavera™ P6, SAP, and CMMS/EAM platforms — turning static schedule and cost data into a continuously refined, risk-ranked execution plan. NAViGuard™ keeps that AI layer governed, auditable, and human-commanded, which matters in industries where a bad automated call has safety consequences, not just cost ones."

VISION | MISSION | AI DATA GOVERNANCE

Vision

Make governed AI-collaborative risk avoidance and execution navigation standard for heavy industry manufacturing events and capital projects globally.

Mission

Reduce avoidable risk, cost, schedule delay, and production-loss exposure when executing heavy industry manufacturing events and capital projects.

AI Data Governance

Ensure every dataset remains accurate, authorized, auditable, secure, and aligned with responsible AI operating standards globally.

ROI

Low Burn / High Earn



Overhead (\$0.15) Spend / Burn

Indirects (\$0.35) Spend / Burn / Invest

Direct Labor (\$0.30) Invest / Spend / Burn

Materials (\$0.20) Invest (future reliability)

Overhead (\$0.10) ↓

Indirects (\$0.30) ↓

Direct Labor (\$0.40) ↑

Materials (\$0.20) →

STOs Globally 2026	Average Investment USD\$MM	Total Investment USD\$MMM	Savings at 15 – 20% USD\$MMM	Revenue at 30 – 35% USD\$MM of Savings for Ai Collaboration Vendors
250	50	12.5	~ 2 – 2.5	~ 660 annually

NAVi™ CONSOLE

Conceptual Design



MARKET

Opportunity

Heavy Industry: Oil & Gas · Mining · Petrochemical · Power Generation · Environment & Green Energy

TAM

\$141.5B

→ \$199.5B by 2033

SAM

\$2.8B

→ \$5.6B by 2034

SOM

~\$660M

near-term / year

3.9% CAGR

TAM — Total Addressable Market

Global industrial maintenance services market — includes Shutdown / Turnaround Management as a named segment; Oil & Gas is a named end-use vertical.

Source: Grand View Research, Industrial Maintenance Services Market Report, 2024

8.7% CAGR

SAM — Serviceable Addressable Market

Shutdown & Turnaround optimization software — closest existing category to NAVi. Oil & Gas 38.5% · Chemicals 21.2% · Power Gen 18.3% · Mining 12.8%. Cloud-based deployment is the fastest-growing slice (10.4% CAGR).

Source: Market Intelo, Shutdown & Turnaround Optimization Software Market Report, 2025

Internal model

SOM — Serviceable Obtainable Market

250 major STOs/yr globally × \$50MM avg. investment = \$12.5B total investment base. Captured at 30–35% of the 15–20% savings pool the AI-collaboration layer unlocks.

Source: NextGen-Navigator ROI model, derived from Solomon Associates RAM Study benchmarks

WHY

We **win**

	Focus	P6-Native	Heavy-Industry STO Fit
Oracle Primavera Gen-AI Chatbot	Chatbot reads docs to help build a schedule	No — sits outside the algorithmic engine	Limited
ALICE Technologies	Scenario optimization for EPC projects	Partial	Low — EPC-focused, not turnaround-intensive
Actenum (Prometheus Group)	AI turnaround planning, proprietary platform	No	Largest competitor — but small share of heavy-industry STOs
Nodes & Links	AI project controls for mega capital projects	Yes	Real competitor — but no share of heavy-industry maintenance events
NextGen-Navigator AI Inc.	Governed AI-collaborative navigation, purpose-built for heavy-industry STOs	Yes — augments the deterministic engine directly	Core focus

THE

Ask

Partner with us to bring governed AI-collaborative navigation to heavy industry's highest-stakes execution events.

USE OF CAPITAL

Product & AI Development

Expand Agent Navi™ and the NAViGuard™ governance layer; deepen native P6 / SAP / Maximo integrations.

Commercial Expansion

Convert pilot deployments into paid contracts across oil & gas, mining, and power generation asset owners.

Team Growth

Add engineering, customer success, and the AI Governance & Data Integrity lead (NAViGuard™).

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