

Resource Nationalism & The "Fortified" Supply Chain

Securing Strategic Control in a Fragmented Geopolitical Landscape

As critical minerals increasingly underpin global industries—from batteries to semiconductors—governments are redefining access through policy, regulation, and control of midstream processing. Export restrictions, local beneficiation mandates, and geopolitical realignments are reshaping the rules of global trade. A resource-focused organization recognized that future competitiveness would not depend solely on reserves—but on its ability to secure, control, and protect its position across the value chain.

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Key Impact Areas

Geopolitical risk, midstream access, friend-shoring, pricing power, trade resilience

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3D&S Phases

Define, Design, Deliver, Sustain – the full execution framework

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Intelligence Engine

FortisIntel™ powering every strategic decision

From global exposure to fortified supply chain control – www.fortisandpeak.com

The Strategic Challenge

The organization had resource access—but lacked strategic control over its downstream destiny. Rising export restrictions on critical minerals, increasing pressure for in-country processing and value addition, and exposure to shifting geopolitical alliances and trade barriers created a compounding set of vulnerabilities. Dependence on third-party midstream refining capacity further eroded strategic leverage, while a lack of visibility into geopolitical risk across the value chain left leadership without the intelligence needed to act decisively.

Export Restrictions

Rising government-imposed bans and tariffs on critical mineral exports disrupting established trade flows.

In-Country Processing Pressure

Mandates for local beneficiation forcing value-chain restructuring across jurisdictions.

Geopolitical Alliance Shifts

Realigning trade blocs and sanctions regimes exposing supply chains to sudden disruption.

Third-Party Midstream Dependency

Reliance on foreign refining capacity creating critical single points of failure.

Lack of Risk Visibility

No integrated view of geopolitical value-at-risk across assets, jurisdictions, and operations.

Transformation Powered by 3D&S + FortisIntel™

Fortis & Peak deployed its proprietary 3D&S execution framework—Define, Design, Deliver, Sustain—powered by the FortisIntel™ strategic intelligence engine. Each phase translated geopolitical complexity into actionable positioning, moving the organization from reactive exposure to proactive, fortified supply chain control.



DEFINE

Mapped global supply chain exposure. Quantified geopolitical Value-at-Risk across jurisdictions. Identified vulnerabilities linked to export bans, tariffs, and policy shifts. Assessed alignment with emerging friend-shoring blocs.



DESIGN

Engineered a Fortified Supply Chain model. Developed regionalized, resilient supply networks. Structured long-term processing and offtake agreements. Ran scenario modeling for policy shifts and market disruptions.



DELIVER

Negotiated long-term processing and refining agreements. Established regional supply chain hubs aligned with friend-shoring. Deployed real-time geopolitical monitoring tools and integrated intelligence into decision-making.



SUSTAIN

Continuous monitoring of geopolitical developments. Ongoing optimization of supply chain configurations. Adaptive response strategies to trade and policy shifts. Capability building in geopolitical intelligence and strategy.



Each phase outcome: a clear risk view → controlled value chain → secured access and leverage → a resilient, future-proof supply chain with built-in strategic flexibility.

Core Platforms & Transformation Architecture

FortisIntel™ — Strategic Intelligence Layer

Maps geopolitical risk across the full value chain.
Quantifies Value-at-Risk for assets and operations.
Enables scenario-based decision-making and strategic positioning – transforming raw geopolitical data into decisive intelligence.

- Geopolitical Data → Risk Models
- Risk Models → Strategic Decisions
- Real-time monitoring and adaptive alerts

3D&S — The Execution Framework

A structured, four-phase methodology that translates intelligence into real-world supply chain transformation. Each phase builds on the last, creating compounding strategic advantage.

- Define: Identify geopolitical exposure and vulnerabilities
- Design: Architect fortified supply chain structures
- Deliver: Secure processing access and strategic partnerships
- Sustain: Continuously adapt to geopolitical shifts



The shift from the traditional model to the Fortified Model represents a fundamental reorientation of strategic logic – from passive participation in global commodity flows to active control of value creation at every node in the chain.

Measurable Impact & Signature Insight

The 3D&S + FortisIntel™ transformation delivered concrete, measurable outcomes across every dimension of strategic supply chain positioning. The organization moved from a posture of geopolitical exposure to one of fortified resilience and enhanced market leverage.



Reduced Risk Exposure

Geopolitical risk reduced across all critical assets and jurisdictions.



Midstream Access Secured

Long-term access to midstream processing capacity locked in through strategic agreements.



Friend-Shoring Positioning

Strengthened positioning within regional geopolitically stable trade ecosystems.



Enhanced Pricing Power

Increased leverage in strategic mineral markets through controlled value chain positioning.



Trade Resilience

Increased resilience against trade disruptions and regulatory changes across all operating regions.

In the era of resource nationalism, competitive advantage is defined not by what you extract – but by what you control across the value chain.