

Brian M. Malec

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PRINCIPAL TECHNICAL PROGRAM MANAGER | 0→1 PROGRAM SYSTEMS BUILDER

PROFESSIONAL SUMMARY

Technical program leader who builds the operating system for delivery — prioritization frameworks, dependency maps, escalation rhythms, and steering cadences — rather than inheriting one. Started in engineering (architect, full-stack builder) and grew into program leadership across supply chain, warehouse operations, and enterprise platforms. Repeated 0→1 record: stood up a portfolio operating model for a global semiconductor manufacturer from near-zero output, built delivery teams and Agile practices from scratch for a freight-payment platform transition, and turned warehouse floor data into KPI systems that cut order fulfillment from 76 to 15 hours. Currently founder of GenesisNode and Disruptive Consulting, building supply-chain and autonomous-systems platforms hands-on with agentic development tooling.

CORE CAPABILITIES

- 0→1 Program Systems & Operating Cadences
- Cross-Team Dependency Mapping & Capacity Planning
- Escalation Paths, Post-Mortems & Go-Live Rhythms
- Engineering-Depth Estimate Validation
- Jira, Azure DevOps, Linear-style Milestone Planning
- Prioritization & Explicit Trade-off Frameworks
- Warehouse Operations, WMS & Fulfillment Analytics
- Hardware + Software Program Integration
- Agile / SAFe / Lean Facilitation & Coaching
- Azure & AWS Cloud Platforms

PROFESSIONAL EXPERIENCE

Founder & Principal

Jan 2026 – Present

GenesisNode | mySupplyChain.ai | Disruptive Consulting — Naperville, IL

GenesisNode incorporated; provisional patent filed; SAM.gov & DSIP registered; DARPA proposal submitted. Live demos at demo.genesisnode.ai. Independent consulting via disruptiveconsulting.ai.

- **Autonomous-systems governance demo (live):** real-time orchestration and verification demo for AI-enabled autonomous systems, built on a deterministic, programmable rules engine — a governance and verification layer that makes autonomous behavior auditable and policy-bound. Built end-to-end (architecture, data model, UI) using open-source components and synthetic data.
- **mySupplyChain.ai (in progress) + supply-chain demo (live):** supply-chain orchestration platform applying the same rules-engine core to inventory, exception handling, and fulfillment workflows — the operational problem space of modern warehouse intelligence.
- **FPay (R&D):** freight-payment platform extending 20+ years of freight-audit and EDI settlement domain work into a modern architecture.
- **Disruptive Consulting:** independent advisory practice for supply-chain and logistics technology — program assessment, delivery turnaround, and AI-adoption strategy for operations-heavy businesses.
- **Build method:** agentic AI development tooling (Claude Code) driving daily hands-on delivery — planning, decomposition, and verification of AI-generated engineering output.

Lead Consultant — Technical Program Manager

Jan 2019 – Jan 2026

Infosys, Inc., Itasca, IL

- **Lam Research (semiconductor manufacturing):** built a portfolio operating model from scratch for 3 global teams supporting SAP, MES, and 50+ applications — defining the prioritization framework, monthly steering-committee cadence, and delivery reporting that took output from near-zero to 65 enhancements in 8 months. Led migration of a major system from on-premises to Azure.
- **Microsoft (eCommerce security):** ran program governance for a multi-million-dollar initiative with 100+ onshore/offshore resources across 12 Agile PODs — owning risk tracking, release coordination, dependency management, and status readouts to leadership.
- **CEVA Logistics (freight payment platform):** built a sustainable delivery organization from scratch while transitioning 20 client employees — created Scrum teams, product teams per system component, and the escalation and support structures for ongoing operations.
- **Ingredion (R&D platform):** revitalized a 3-year stalled R&D program by re-scoping, re-sequencing, and re-planning — delivered the Enterprise Ingredient Management platform in 6 months.

- **Johnson Controls (26-team SAFe program):** drove cross-team quality standards at the PMO level, raising code coverage from <20% to >95% and doubling team velocity — validating estimates and engaging directly with engineering to remove architectural blockers.

Solution Architect & Program Lead

Feb 2013 – Oct 2018

TPS Systems, Inc., Naperville, IL

- **Milwaukee Tool (warehouse operations / HighJump WMS migration):** embedded on the warehouse floor during a WMS migration, then built the KPI and visualization system that let fulfillment teams find and fix issues before they hit performance — cutting order fulfillment from 76 to 15 hours, driving duplicate shipments to near zero, and producing 100–400% team productivity gains. Established Agile practices across PM and IT teams.
- **eGate Solutions (hardware + software mobile POS):** architected credit-card terminal integration (EMV, contactless, offline) for an airline mobile POS platform, including a C++ Bluetooth transport library and an offline changeset-based inventory sync across disconnected devices — hands-on hardware/software integration under field constraints.
- Led internal and external teams as Scrum Master and Product Owner across a 0→1 mobile field-service platform (Uber-style dispatch), including Azure SQL migration and operations portal.

Executive VP & Acting CIO

Mar 2010 – Jan 2013

TPS Logistics, Detroit, MI

- Overhauled back-office systems and standardized end-to-end processing workflows, increasing transaction throughput 400% across an operation handling 8M+ transactions and \$400M in annual billing with 35+ team members.
- Led nearly \$7M in client launch programs with complex Oracle, SAP, and Navision integrations — each launch with a named owner, defined milestones, and executive visibility.
- Designed the enterprise data warehouse used by 50+ manufacturing clients for multi-billion-dollar supply-chain reporting.

Chief Technology Officer

Mar 2005 – Mar 2010

Order Logistics, Urbana, IL

- Directed all technology programs with 40+ direct reports across three operations — supply chain, procurement, and transportation management platforms — reporting to the President/CEO and presenting roadmaps to the board.
- Led integration programs for two acquired businesses, aligning teams, systems, and processes; supported the company's successful acquisition by TPS Logistics.

Director of Technology Solutions

Sep 2003 – Mar 2005

Worldwide Logistics Solutions, Champaign, IL

- Led a team of nine delivering a 0→1 ASP.NET Freight Pay System processing \$350M annually across 400+ EDI trade partners — ahead of schedule with minimal defects.
- Delivered a John Deere data warehousing and reporting system eight months ahead of Deere's own corporate data warehouse group; established SOX-compliant IT governance.

TECHNICAL EXPERIENCE

AI & Agentic Development: agentic development with Claude Code (primary build method), Anthropic & OpenAI APIs, local model deployment (Ollama), prompt/context engineering, synthetic data generation, deterministic rules engines for AI governance & verification

Program Tooling: Jira, Azure DevOps, roadmap/milestone planning, dependency & capacity mapping, Agile/Scrum, SAFe, Lean facilitation

Cloud & Platforms: Azure (services, DevOps, SQL), AWS, SAP, Oracle, HighJump WMS, Salesforce

Engineering: .NET (C#, ASP.NET, MVC), C++, SQL Server, Node.js, EDI, API integration

EDUCATION & CERTIFICATIONS

Purdue University, Calumet, IN | Moraine Valley Community College, Palos Hills, IL
SAFe Agilist