

TONY GALLUSCIO

Independent Technology Consultant

AI Systems & Integration | Technical Problem Solving & Recovery | Systems Integration | Technical Due Diligence

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Complex technical problem?

I help determine what is actually wrong - and what to do about it.

I work with organizations where the answer is not obvious, the stakes are high, or the existing team needs experienced outside perspective. I can work with leadership to understand the objective, get deep enough into the technology to understand what is actually happening, and develop a practical path forward.



CAPABILITIES

AI Systems & Integration

Design, integrate, and troubleshoot AI systems, including private AI, local models, retrieval, ranking, classification, and production AI workflows.

Technical Problem Solving & Recovery

Diagnose difficult software and systems problems, determine root causes, and develop practical recovery plans.

Systems Integration & Interoperability

Make disparate systems communicate reliably across APIs, EDI, cXML, files, databases, and custom interfaces.

Architecture & Modernization

Assess existing systems, identify constraints and technical debt, and develop practical modernization approaches.

Technical Due Diligence & Independent Assessment

Provide independent technical perspective for acquisitions, investments, procurements, troubled programs, and major technology decisions.

Data Remediation & Integration

Resolve inconsistent, incomplete, duplicated, or poorly synchronized data across systems.

Process Automation

Identify manual or inefficient processes and design pragmatic automation using software, AI, and workflow integration where appropriate.

API Abstraction & Integration

Design maintainable interfaces that insulate applications from complex or unstable external APIs.

Infrastructure & System Mapping

Determine how complex software and infrastructure fit together and map technology to the business processes it supports.

Technical Team / Product Evaluation

Assess technical work products, architecture, capabilities, risks, and whether resources are positioned to achieve the objective.

Vendor Alternatives & Technology Strategy

Evaluate options when an organization is overly dependent on a technology or vendor and develop realistic alternatives.

SELECTED RESULTS

YRS TO HRS

Early adopter of the OpenAI API in February 2023. Designed and built a production AI integration that transformed years of manual content work into hours of automated generation.

6.9M PRODUCTS

Designed, built, and operated private AI infrastructure that generated rich, differentiated content for 6.9 million products in 95 days, running continuously at production scale.

APPROVED

Designed and built a hybrid vector-search and LLM classification system for roughly 300,000 products. Results were independently reviewed, approved by the responsible contracting authority, and deployed to production.

MISSION-CRITICAL RECOVERY

Took over a critical government software program during a leadership crisis, maintained the next scheduled delivery, resolved a critical performance issue, and rebuilt customer confidence.

CUT ANNUAL COST FROM \$300K TO <\$24K

Led migration from AWS to owned data-center infrastructure with only minutes of production downtime.

\$250M+ VALIDATED

Performed technical due diligence through analysis, use cases, and working prototypes to validate asset value on more than \$250 million in acquisitions.

WHY TONY

Engineer + Executive Hands-on technical depth combined with Fortune 500 executive experience.

Business + Technology Translate organizational objectives into technical reality.

Technology Agnostic Decades of solving problems across technologies and domains.

Government + Commercial Experience spanning government, healthcare, defense, and industrial procurement.

Owns the Problem Focused on achieving the objective, not simply delivering an analysis.

CREDENTIALS

M.S., Computer Science - Clemson University
13 U.S. Patents | Former Fortune 500 VP
U.S. Marine Corps Veteran | Eagle Scout

GOVERNMENT CONTRACTING

Primary NAICS: 541512
Additional: 541511 | 541611

CONTACT

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