
TAS

Technical Consulting, Inc.

TRUSTED ADVISORY SOLUTIONS



TAS DELIVERS

Owner / Operator's Perspective

Independent and Objective Advice

Pragmatic, Insightful Technical Analysis

Actionable Business Recommendations

Comprehensive Program Management

Client-Focused Project Execution

Added Value, Less Risk, Better Results

WHY ENGAGE TAS?

- We Offer Independent, Objective Business and Technical Advice
- TAS Provides the Ability to Better Execute Projects and Programs
- We Develop Recommendations and Insights to Improve Processes
- Our People Have Decades of Hands-On Industry Experience
- TAS Integrates our Practice Areas to Leverage the Firm's Expertise
- We Work Collaboratively with You to Create Sustainable Value
- TAS Delivers Distinctive Customer Service and Personal Attention
- Our Principals Personally Oversee Every Engagement
- We Offer Client-Tailored Technical and Business Solutions
- TAS Has a Proud Track Record of Improving Financial Returns
- We Deliver Customized and Innovative Solutions
- TAS De-Risks and Increases Reliability of Complex Projects
- We Offer Competitive Prices
- We Keep Our Promises and Do What We Say We Will Do
- TAS Executes Its Deliverables so You Can Do What You Do Best

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TAS DELIVERS TRUSTED ADVISORY SOLUTIONS

TAS Serves a Diverse Set of Clients:

Publicly Traded Fortune 50 Corporations

Privately Held Portfolio Companies

Commercial Scale Operations

Emerging Development Stage Firms

Owner Operators

Strategic Investors

Private Equity

Venture Capital

Boards & C-Suite Executive Teams

Operational Leadership

Facility Management

Sourcing Professionals

TAS TECHNICAL CONSULTING, INC

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ILLINOIS - NORTHWEST SUBURBS

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Founded 2013

MBE / DBE Certified

ISNetworld Certified (A Rated)

Six Sigma and Lean Manufacturing Certified

CORE PRACTICE AREAS:

Program Management

- Capital Projects Administration
- Schedules / Budgets / Timelines
- Dynamic Critical Path Modeling
- RFP / RFQ Bid Tab Processes
- Coordination of On-Site Activities
- Earned Value Management / Analysis
- Permitting Applications / Interface

Project Engineering

- Owner's Engineer / Representative
- Front End Loading
- Stage Gate Analysis / Controls
- Project Scoping / Readiness
- 3rd Party Design Reviews
- Siting and Location Analysis
- Value Engineering & Economics
- Project Execution Plans
- Risk Registers / Mitigation

Investment Transaction Analysis

- Target Prospecting / Assessment
- Company / Competitive Evaluations
- Product / Market Assessments
- Technology & Scale-Up Readiness
- Due Diligence (Processes, Assets)
- Valuation Validation / Support
- Risk Assessment / Mitigation
- Pre- and Post-Close Project Plans

Consulting & Advisory Services

- Company / Operating Unit Strategy
- Business Plan Review / Improvement
- Business / Market Analysis
- Life Cycle Analysis
- Project Economic Justifications
- Performance Benchmarking
- Operational Improvement
- Commercial Feasibility
- Technical & Process Flow Assessment

A TEAM WITH A TRACK RECORD TO MAKE YOU SUCCESSFUL

Performance Focus • Robust Practices • Proven Capabilities • Sector Experience

TAS's Sweet Spot on Project Scope and Size:

- One-off studies to multi-year, multi-site projects
- From ~\$15 k to Total Installed Cost of ~\$150 MM
- Project concept to commission / completion
- Evaluation, Installation, Oversight & Coordination
- Re-Engineering / Re-Starting Stalled Projects

TAS's Stage Gate Project Methodology:

- **Appraise:** Confirm Fit, Identify Options
- **Select:** Evaluate & Select Preferred Option
- **Define:** Detail Selected Option & Schedule
- **Execute:** Engineer, Build & Commission
- **Operate:** Operate & Validate Deliverables

OIL & GAS: MIDSTREAM & DOWNSTREAM

- Pipelines - Crude Oil & Petroleum Products
- Refining - Niche, Regional and Large Scale
- Specialty Fuels Production
- Refined Products Terminals and Distribution
- Retail Service Stations - Upgrades & Rebrands
- Natural Gas - Distribution and Storage

INDUSTRIAL PROCESS MANUFACTURING

- Pulp, Paper, and Packaging
- Paints, Coatings, and Sealants
- Building Products and Materials
- Household Products (Soaps / Cleaners)
- Personal Care Products (Shampoos)
- Other Select Engineering Materials

CHEMICALS & PETROCHEMICALS

- Focus on Manufacturing and Processing
- Base and Intermediate Chemicals
- Specialty and Performance Chemicals
- Fine Chemicals
- Agro Chemicals
- Polymers, Plastics, and Resins

ENERGY - POWER & UTILITIES

- Power Generation (Coal & Natural Gas)
- Supply & Distribution
- Industrial Consumers
- Waste to Energy Solutions
- Energy Efficiency Improvements

RENEWABLES SECTOR

- Focus on Manufacturability, Commercialization, and Scaling Technology and Production Capacity
- Ethanol: Grain and Cellulosic
- Diesel: FAME, Green, Thermal Depolymerization
- Renewable / Green Chemicals
- Industrial Biomaterials
- Renewable / Carbon Neutral Feedstocks

FACILITIES

- Engineering, Operations, Maintenance
- Greenfield Development
- Plant Modernization
- New Equipment Installation
- Upsizing Unit Capacity / Facility Throughputs
- Asset Selloffs and Decommissioning