



Innovative **analysis** for the global
construction industry

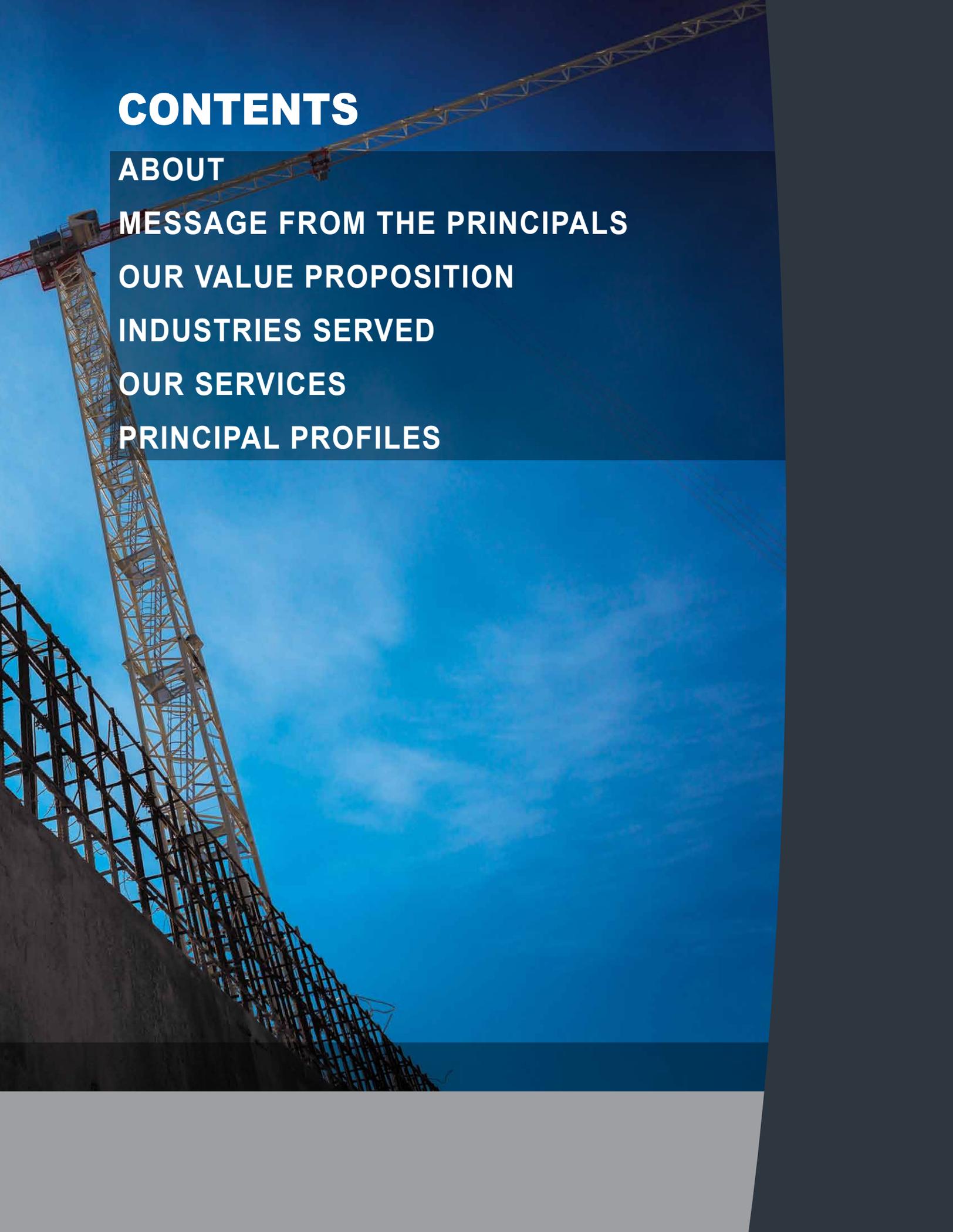
Our performance is
measured by your **success**





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About

Nexus Program Management Group (Nexus) provides project management services to clients who value timely, informative analysis needed to make key management decisions. Located near Dallas, Texas, the Nexus team offers a diverse range of management services supported by a proven track record of leading domestic and international high profile projects.

As organizations expand their presence in a rapidly evolving economic environment, projects continue to mature in size and complexity. Nexus appreciates these complexities and the need for a well structured program management and execution framework to ensure projects are delivered on time, within budget and to the highest quality standards.

Nexus seeks to empower existing management teams, by translating strategic goals and objectives into clear operational plans that lead to attainable and measurable results.



A Message from the Principals

We are a group of technology enthusiasts with a passion to build. While working together constructing some of the world's largest domestic and international projects, we recognized an opportunity to form Nexus and bring timely, cutting edge analysis to the construction industry, no matter what size and level of undertaking.

We pride ourselves on our dedication to generating efficient, informative analysis while maintaining the utmost integrity in quality and timeliness. Every project faces a unique set of challenges, and we appreciate the importance of our providing you the information you need to guide your project to success.

Our mission is a simple one. *Our performance is measured by your success.*

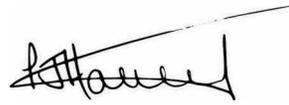
We look forward to doing business with you.



Roshan P. Vani



Ben Hubbard



Paul Hammond



Value Proposition

Nexus offers clients project management services while remaining dedicated to three core values:



INFORMATIVE ANALYSIS

Our goal is to provide analysis that is data driven, substantiated, clear and concise. We value the importance of quality information with measurable meaning. It is our objective to ensure our clients are well informed and confident when making management decisions.



TIMELINESS

Our ability to quickly gather and interpret data using proprietary tools in combination with the latest analysis software enables us to produce quality management recommendations in a timely manner. This is a core value to us as we truly believe there is nothing more damaging to a project than delayed information.

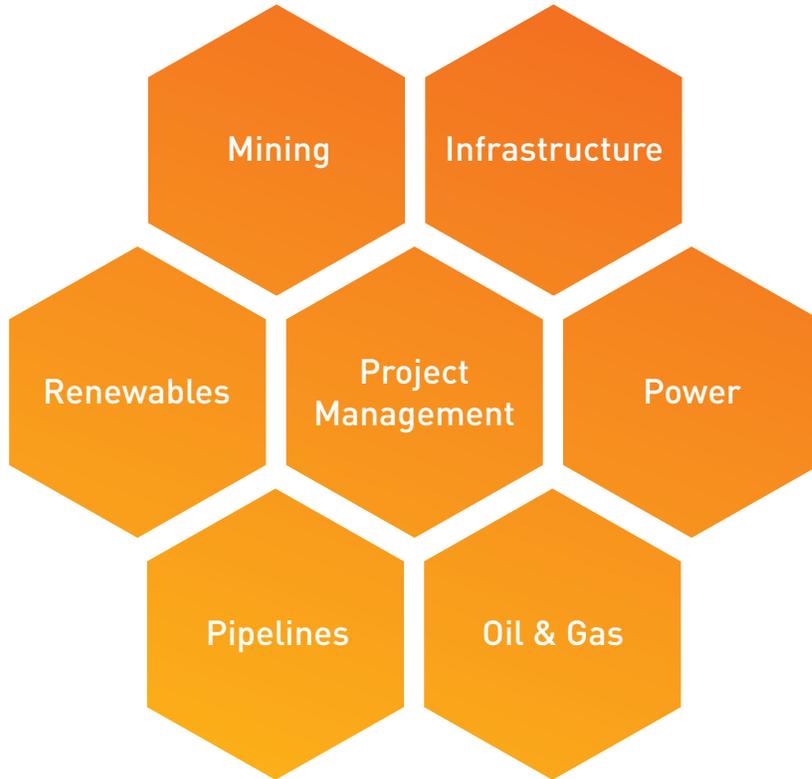


PATH FORWARD STRATEGIES

Our clients benefit from strongly supported recommendations and strategies. We do not wish to simply identify the health and direction of a project, but rather provide detailed insight and recommendations to support management team decision making and help deliver a successful project outcome.

Industries Served

Nexus offers a diverse range of services across various segments of the construction industry:



Results at All Levels



LENDERS

We understand and appreciate the importance of investment confidence. The Nexus team offers the ability to cost effectively ensure your capital is being put to good use by validating project status, ensuring the health of budgets and contingencies, outlining and quantifying risks and validating project execution strategies. Our goal is to make you aware of any potential exposure and help you protect your investment.



OWNERS

Making critical management decisions while meeting stakeholder expectations is essential to project success. Nexus offers a diverse range of services to help your team deliver a successful project on time and under budget. Through such services as independent schedule and cost risk assessment, detailed project health checks, cost-benefit studies and stakeholder reporting, Nexus will help you make accurate and timely decisions that will enhance the bottom line.





PROGRAM MANAGERS

With projects increasing in complexity and pushing the limits of engineering, there is a growing need for total program management. Simple projects have been replaced by those with multiple national and international lenders, joint-ventures, numerous prime contractors and various subprojects. The Nexus team has experience developing, implementing and managing complex international and domestic programs, without straining the project budget.



CONTRACTORS

As the global construction market constantly evolves, contractors are faced with tighter budgets and accelerated schedules. The Nexus team has a passion for construction, and offers a team of knowledgeable construction management professionals to support your project team. With subject matter experts in cost, schedule and risk, Nexus will help you develop, control and maintain a fully integrated project structure.



Detailed Lender Services

COMMERCIAL STRATEGY REVIEW

Throughout the life of a project there are major execution strategy changes that have the potential to impact your investment:

- Detailed review of project execution strategy
- Evaluate impact to lending terms during project lifecycle changes
- Evaluate risk of conversion to lump sum commercial terms
- Joint-venture/partner structure analysis



INVESTMENT RISK EVALUATION

Performance of detailed project risk analysis to identify and value any risks to your investment:

- Detailed review of project risk register
- Evaluation of unidentified risk exposure
- Identify and quantify non-market threats
- Monte Carlo cost & schedule risk analysis
- Identify and quantify potential claims exposure

VERIFICATION & VALIDATION

Nexus will act as an independent project review team to verify and validate the information contained in lender reports:

- Validation of project completion status
- Expenditure analysis
- Cost to completion modeling
- Detailed schedule review & target completion date
- Routine project audits

PROJECT BUDGET ANALYSIS

Evaluate the health of the project budget:

- Evaluate integrity of budget format
- Detailed budget account review
- Monte Carlo contingency diagnostics
- Run sensitivities for various inputs and outcomes
- Track multiple sources of funds from different agencies, countries & tax incentive programs

Detailed Owner Services

COST, SCHEDULE & RISK ASSESSMENT

The success of a project is defined by the ability to maintain quality while reducing cost, accelerating schedule and mitigating risks. Nexus offers a range of services to support your project:

- Independent Monte Carlo cost risk analysis (@risk, Crystal Ball)
- Independent Monte Carlo schedule risk analysis (Primavera Risk)
- Detailed project cost reviews and sensitivity analysis
- Schedule forensic analysis
- Cost tracking & system implementation

PROJECT HEALTH CHECKS

Nexus will act as an independent review team to evaluate the health of your project:

- Detailed progress & earned value audits
- Detailed contractor performance analysis
- Internal & external cost account reconciliations
- Contingency & allowance reviews
- Cost & schedule forecast analysis

PROJECT RECOVERY STRATEGY

If your project is showing signs of falling behind plan, Nexus will conduct intense project reviews and recommend recovery strategies:

- Root cause analysis
- Conduct cost & schedule forensic analysis
- Project execution strategy review
- Process and workflow evaluation
- Project scope reviews

STAKEHOLDER REPORTING

Stakeholder reporting can be cumbersome and intricate. Nexus offers a range of services to simplify and deliver quality reports to your stakeholders:

- Lender reports
- Monthly progress reports
- Predictive modeling & project forecast reporting
- Commitment & expenditure variance analysis
- Monthly cash flow statements
- Equipment status reports
- Contract/procurement status reports
- Asset registers



Detailed Program Management Services

POLICIES & PROCEDURES

Establish policies and procedures for all program teams to follow:

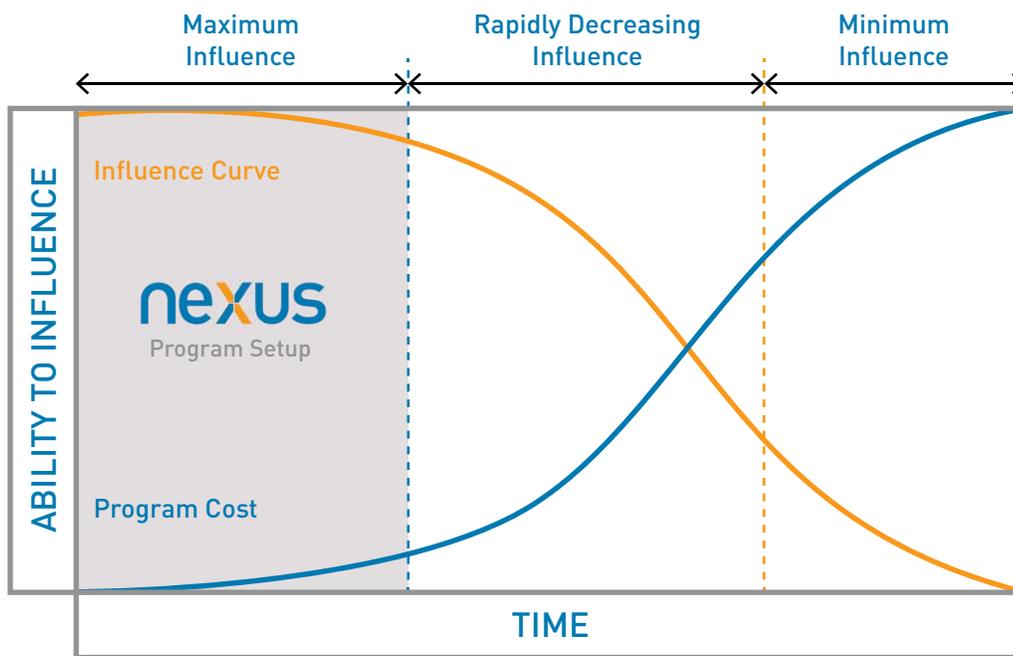
- Program execution plan
- Operating procedures
- Project control tool procedures
- Reporting requirements and metrics
- Change management execution
- Program risk management procedure
- Quality control procedure
- Program financial control procedure
- Program planning
- Program cost control
- Training procedures



PROGRAM SETUP

The program setup stage offers the greatest chance to influence and optimize any project or program:

- Organizational Breakdown Structure with Joint Venture integration
- Work Breakdown Structure
- Development of program baseline documents
- Program wide schedule integration
- Program wide cost control structure



PROGRAM REPORTING

Develop and manage reporting structures to comply with stakeholder expectations:

- Consolidated program reporting
- Program forecast reporting
- Key Performance Indicators (KPI)
- Risk reporting thru Monte Carlo simulation
- Forex exposure
- Ad hoc/individual case studies

Detailed Contractor Services

PROPOSAL DEVELOPMENT & REVIEW

Nexus helps you build your relationships with new and existing clients by strengthening your proposal efforts:

- Estimate development & review
- Unit rate analysis
- Scope of work outline
- Material pricing methods
- Basis of escalation & contingency

PROJECT BASELINE DEVELOPMENT

The baseline is an essential tool for project teams to deliver a successful project:

- Contract summary & scope statement
- Contracting strategy & execution plan
- Estimate coding & establish original control budget
- Schedule development (Primavera, Microsoft Project)

MANAGING PROJECT CHANGE

Change is inevitable on all projects. Nexus helps your teams manage change to ensure successful project execution:

- Change management process development
- Authority/approval matrix
- Change order preparation and evaluation

CUSTOM CONTROL TOOLS & REPORTING

Nexus offers a suite of project control tools to help track, monitor and control your project:

- Integrated staffing plan & cost forecast model
- Auto generated organizational charts (from staffing plan)
- Key performance indicator (KPI) dashboard report
- Simple project schedule development tool
- Safety metric tracking and reporting dashboard
- Risk register & reporting dashboard
- Monte Carlo simulation models
- Change management log & automated reporting dashboard

If you are in need of a custom developed tool specific for your project, Nexus has a team of programmers with project control experience to support your needs.



Other Services

TECHNICAL TRAINING

Targeted training sessions for IT, cost and risk software products including: Primavera, Pertmaster, Microsoft Office packages, SAP and @Risk.

Nexus also provides full training and ongoing support & maintenance for our client-customized resources and tools.

STAFF AUGMENTATION

Experienced, extensively trained, dependable employees are key to the success of any project team. Nexus identify the top market talent by utilizing a multi-tiered interview and selection process, reducing your recruitment costs and saving time.

PROJECT MANAGEMENT OFFICE (PMO)

Establishing a PMO to ensure best in class control tools, procedures, data analysis, predictive modeling, risk programs, reporting and staff training for any project.

INDEPENDENT CASE STUDIES

Every project has an unknown element, requirement or case that is non-standard and ad hoc in nature. With this in mind, Nexus have the ability to quickly mobilize to a project, summarize the key requirements of a focused scope of work and provide a fast and accurate analysis, evaluation and recommendation of action.

ESTIMATE REVIEWS

Nexus acts as a third party, independent review team to ensure validity and accuracy of any fair price estimates or claims.

Principal Profiles



Roshan P. Vani, PMP

Roshan has more than eight years of experience in the Power and Mining & Metals industries working on large capital projects ranging in value from \$0.5B – \$11B. Notable previous roles include Risk Manager & Project Controls Manager for a Fortune 500 firm and subject matter expert in project planning (Primavera), schedule risk analysis (Primavera Risk) and cost risk analysis (@Risk). Roshan is a project management professional (PMP certificate from the Project Management Institute) and holds a B.S. in Electrical Engineering from the A. James Clark School of Engineering at the University of Maryland, College Park.



Benjamin Hubbard, PMP

Ben has over eight years of experience in the EPC industry working on large capital projects ranging in value from \$2B – \$11B in the Power, Mining & Metal and Operations & Maintenance industries. He has experience in managing lump sum and cost reimbursable contracts in North America, Mongolia and Saudi Arabia. In his previous role, Ben was Project Controls Manager for a Fortune 500 firm. Ben is a project management professional (PMP certificate from the project management institute), holds a B.S. in Mechanical Engineering from Texas Tech University.



Paul Hammond, ACMA, CGMA

Paul is an Associate Member of the Chartered Institute of Management Accountants (CIMA) and Chartered Global Management Accountants (CGMA). Previously, Paul was the Business Services Manager and Finance Manager for a Fortune 500 firm in the United Kingdom and Saudi Arabia. With project experience in the Energy & Chemicals and Mining & Metals industries, Paul specializes in project accounting, detailed financial analysis and cost control. Paul holds a B.A. (Hons) in Business Studies from University of Portsmouth, UK.

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