



TITAN



WHO WE ARE

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- ◆ Sectors of Expertise

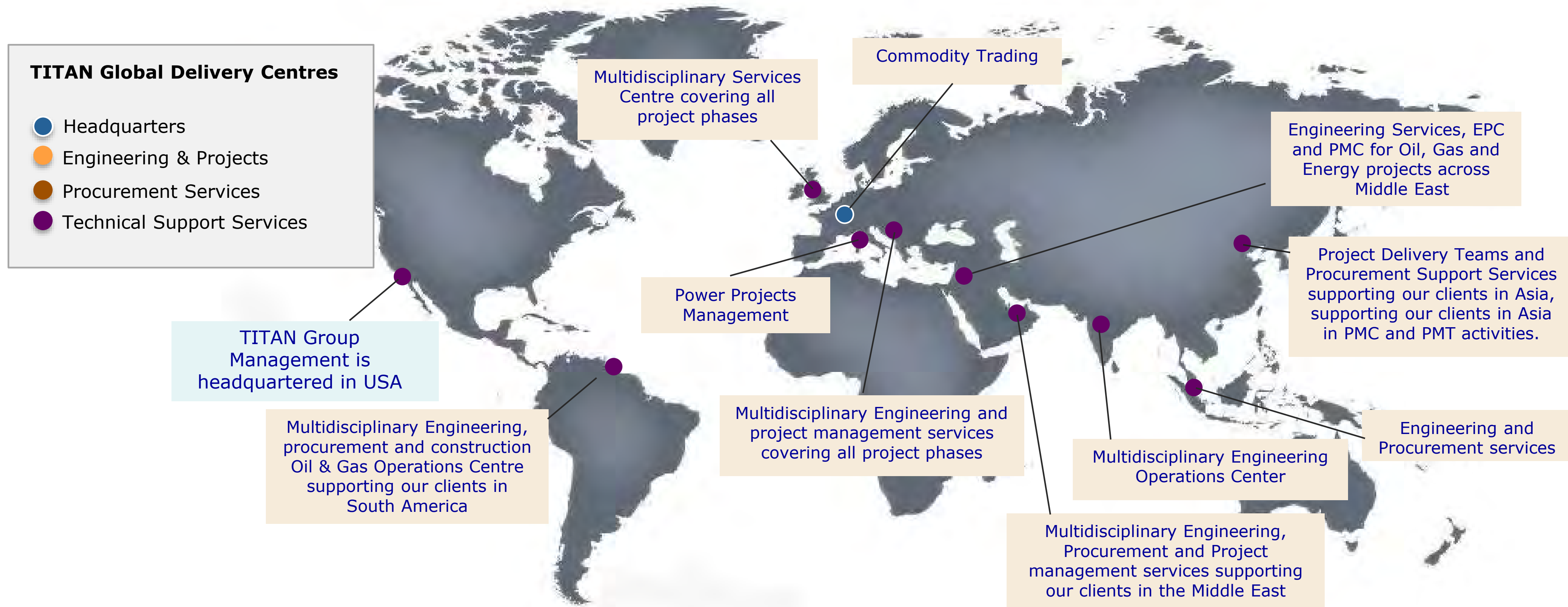
BUSINESS OVERVIEW

BG TITAN Group is a full-cycle EPCM service provider for the Power, Oil & Gas and Infrastructure sectors, operation in the following areas of activity:

- Consulting & Advisory
- Project Development, Financing & Commodity Trading
- Engineering Services, EPC & PMC
- Procurement Solutions & Services
- IT and Cyber Security Solutions



BG TITAN Group is a full-cycle EPCM service provider for the Power, Oil & Gas and Infrastructure sectors, operation in the following areas of activity:



Oil & Gas



- Seismic
- Reservoir engineering
- Well site Operations
- Geophysical data processing
- Production Facilities
- Gas Compression
- Pipelines
- Refining
- Petrochemicals
- Fertilizers
- Olefins, aromatics

Power



- Power Plants
- Cogeneration
- Combined Cycle
- Waste-to-Energy
- Flue Gas Treatment
- Hydropower
- Renewable energy

Water



- Water production
- Water & Wastewater Treatment

Mining & Minerals



- Metals Commodities
- Minerals Commodities
- Phosphate mining

Other



- Cyber Security
- Product traceability
- Project Finance
- Smart metering
- Trading

OUR CAPABILITIES PARTNERS & SERVICES



- ✓ Engineering Experts in Delivery Centres World-Wide
- ✓ Supply Chain Management, Procurement and Logistics Specialist Teams with experience from Oil & Gas and Power Equipment
- ✓ Financial Expertise on Project Investment and Commodity Trading
- ✓ Customer Specific IT & Cyber Security Solutions
- ✓ Specialists in Process and Safety in Oil & Gas and Power
- ✓ Specialists in Process and Safety in Oil & Gas and Power
- ✓ Specialists in class V to class II Cost Estimation
- ✓ Construction & Commissioning
- ✓ Contract Management
- ✓ Project Management and Control experience



BG TITAN has partnerships with a number of globally recognized companies that support the delivery of our projects.



SIEMENS

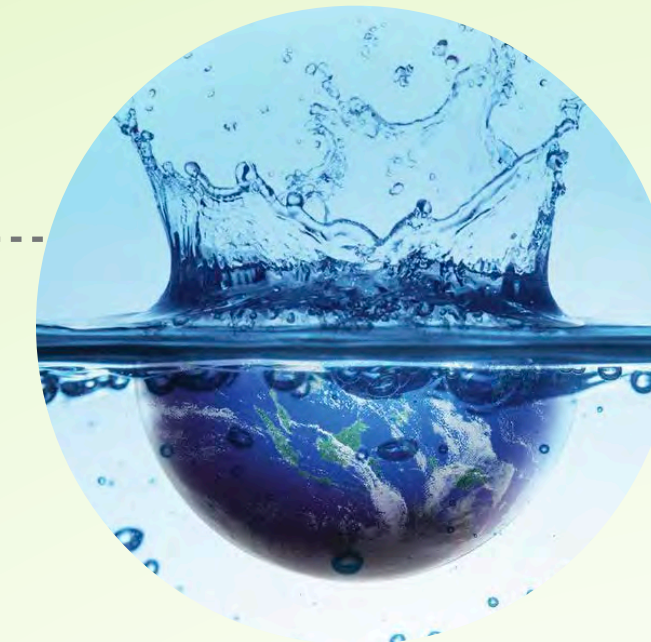


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Technology, Media & Telecom

Founders & Team members have a deep Technology and Marketing Background. We execute our large projects and look for innovative solutions, we encounter amazing startups and creative individuals.



Water Services

Our comprehensive expertise in water management extends from designing efficient water supply systems & wastewater treatment plants to the development of desalination facilities. We excel in port, harbor & waterways engineering while also advising on water regulations & conservation programs. Our team proficiently manages water resources & enforces sustainable waste management practices, striving to maintain environmental balance.



Natural Resources

Although we are very much abundance oriented, we believe Earth has a finite and limited number of resources. We specialize in extraction & marketing of these resources, such as copper, gold, etc.



Energy & Power

Latin America is our current and main focus. Latin America has an amazing thirst and hunger for energy. Growing population & economy are fueling demand for energy suppliers. Besides the traditional power generation projects, we are also involved in renewable energy and green projects such as solar and electric vehicles.



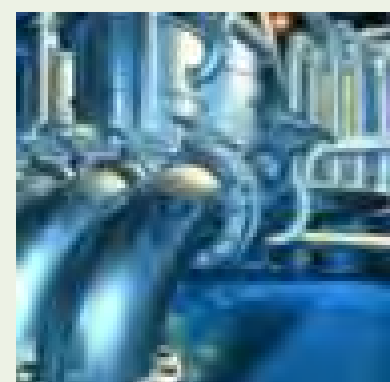
Infrastructure & Real Estate

We develop more than just homes; we go into proven markets with pressing needs and we make sure both the chicken and the eggs are part of the equation.



Financial Services

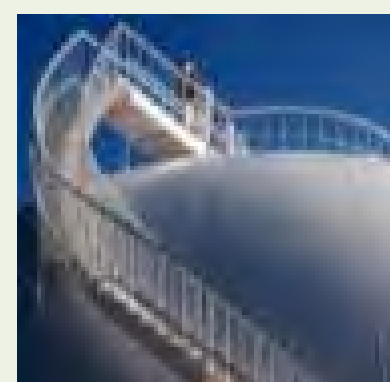
We like risk capital, where it seems like it's a risk to outsider passive investors, for us it's a controlled environment. We usually have all or most of the missing pieces before we step in with our capital or our partners.



EPC

TITAN delivers full EPC projects (Environmental studies, Engineering, Procurement, Construction, Commissioning) meeting client's Scope and Specifications meeting requirements for:

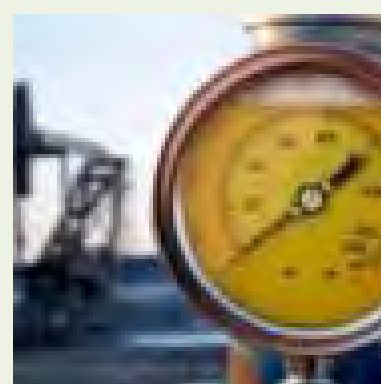
- Safety
- Quality
- Timely Delivery
- Cost



PMC

TITAN offers full PMC and PMT capabilities to ensure the Safe and Successful Execution of clients' projects.

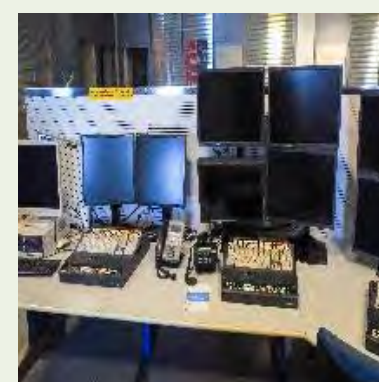
TITAN PMC/PMT supports clients to achieve their investment objectives and to deliver their projects from the project initiation to the operational phases.



Strategic, Financing Advisory & Commodity Trading

TITAN demonstrates an excellent track record in financing infrastructure investments, and covers:

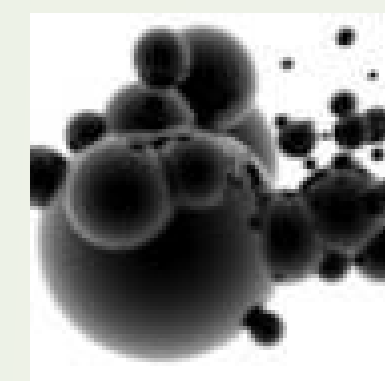
- Strategy advisory services
- Investor identification and funding strategy
- Export credit
- Commodity Trading and Structured Trade Finance



Cyber Security

TITAN, has partnered with several State-of-the-art Cyber Security vendors to provide the one of the world's best holistic cyber defense solution for Utility companies:

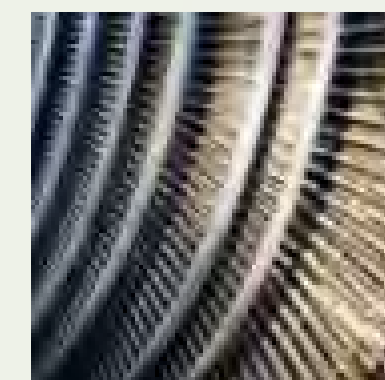
- Technology
- Processes
- People Training



Procurement Services

TITAN provides procurement strategy, supply chain management and logistics solutions including:

- Global Supplier Sourcing & Qualification
- Supply Risk & Cost Reduction
- Cost Management & Procurement Effectiveness
- Equipment Purchasing
- Inspection, Expediting & Logistics services



Cost Estimation & Management / Risk Control

TITAN can provide experienced personnel to support project managers in the areas such as:

- Planning/Scheduling, Cost & Change Control
- Risk management
- Cost estimation reviews
- Benchmarking



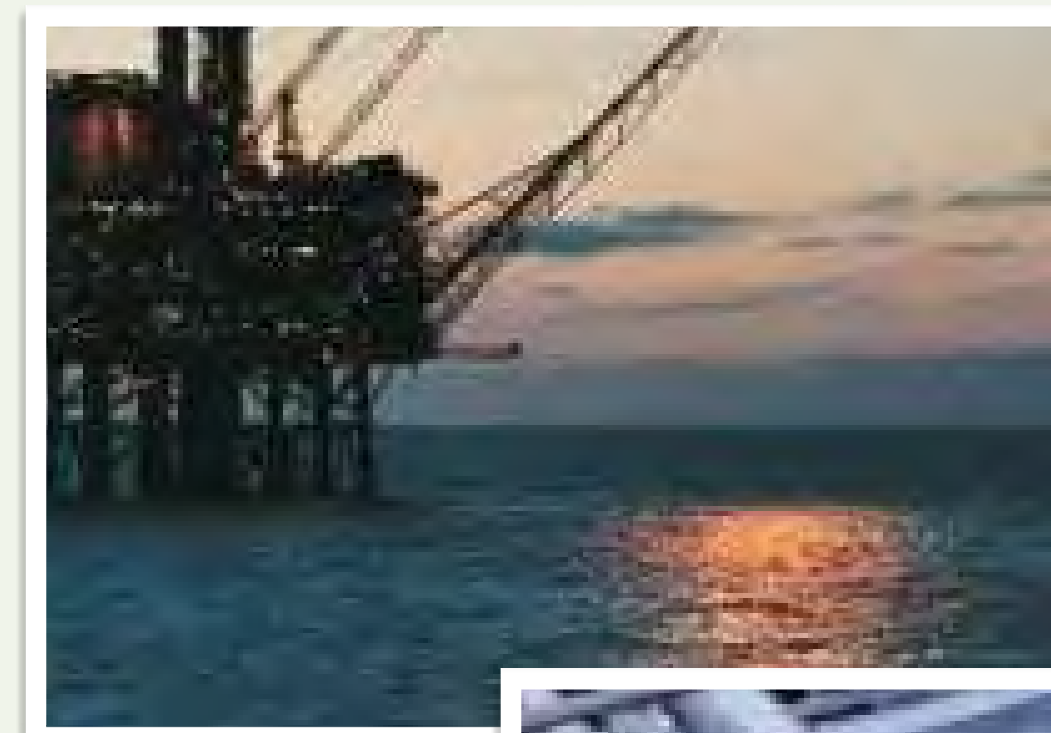
Project Development & Engineering Services

Full project development services covering:

- Conceptual studies
- Initial feasibility study
- Basic and FEED studies with associated relevant cost estimates (CAPEX/OPEX)

Innovative and lean engineering driven projects in the upstream, downstream and petrochemical industry

- *Front End Engineering, Estimating*
- *Detail Engineering Design*
- *Site Support, Procurement*
- *Design & Build, Construction Management*
- *Design & Construction Safety Management*
- *Project Completion*





TITAN

cost & risk management service

BG TITAN has developed a set of proprietary capabilities, processes, tools and databases that form the basis of our Cost & Risk Management Service – A guaranteed cost reduction service without compromising quality and delivery.

Service Components

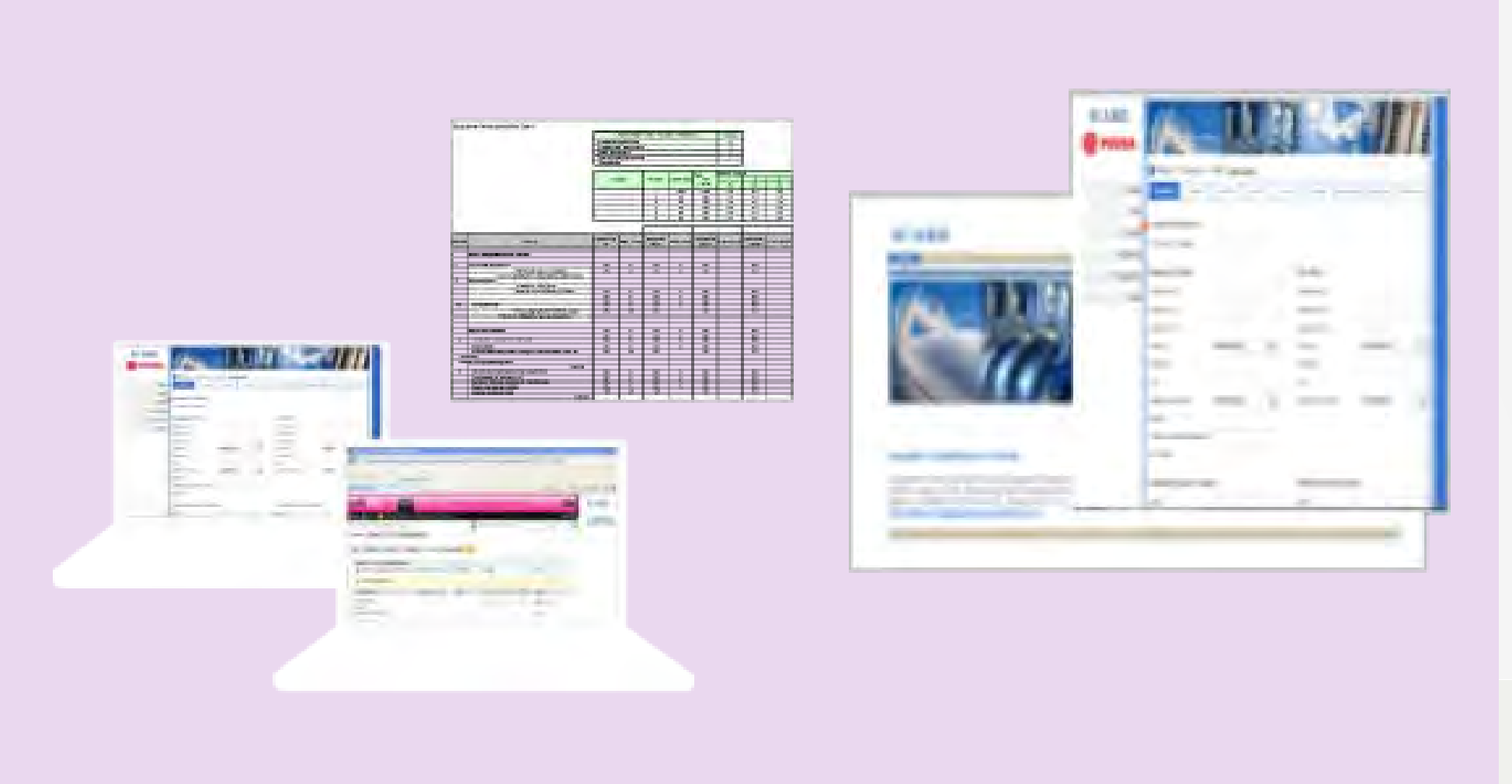
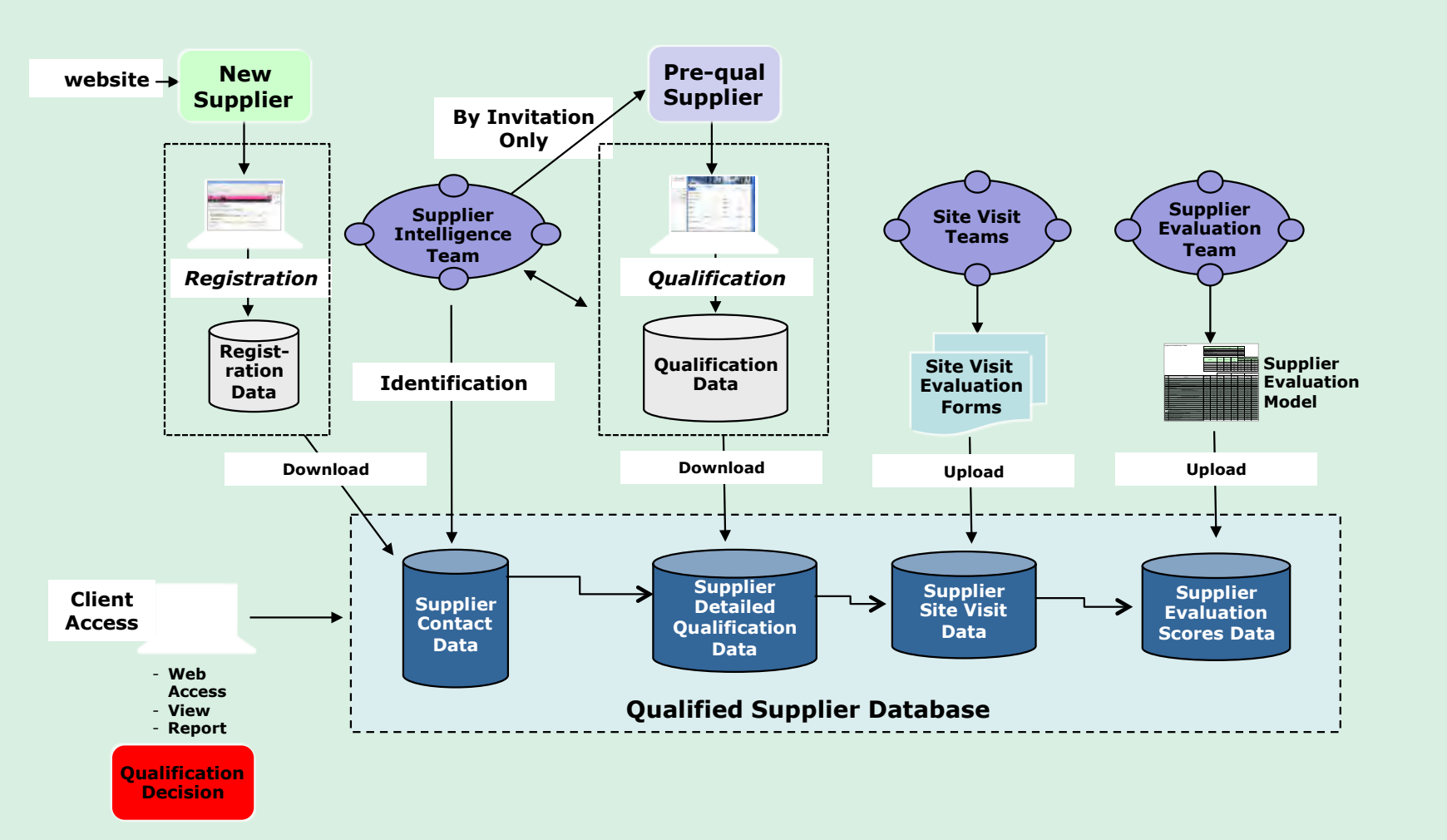
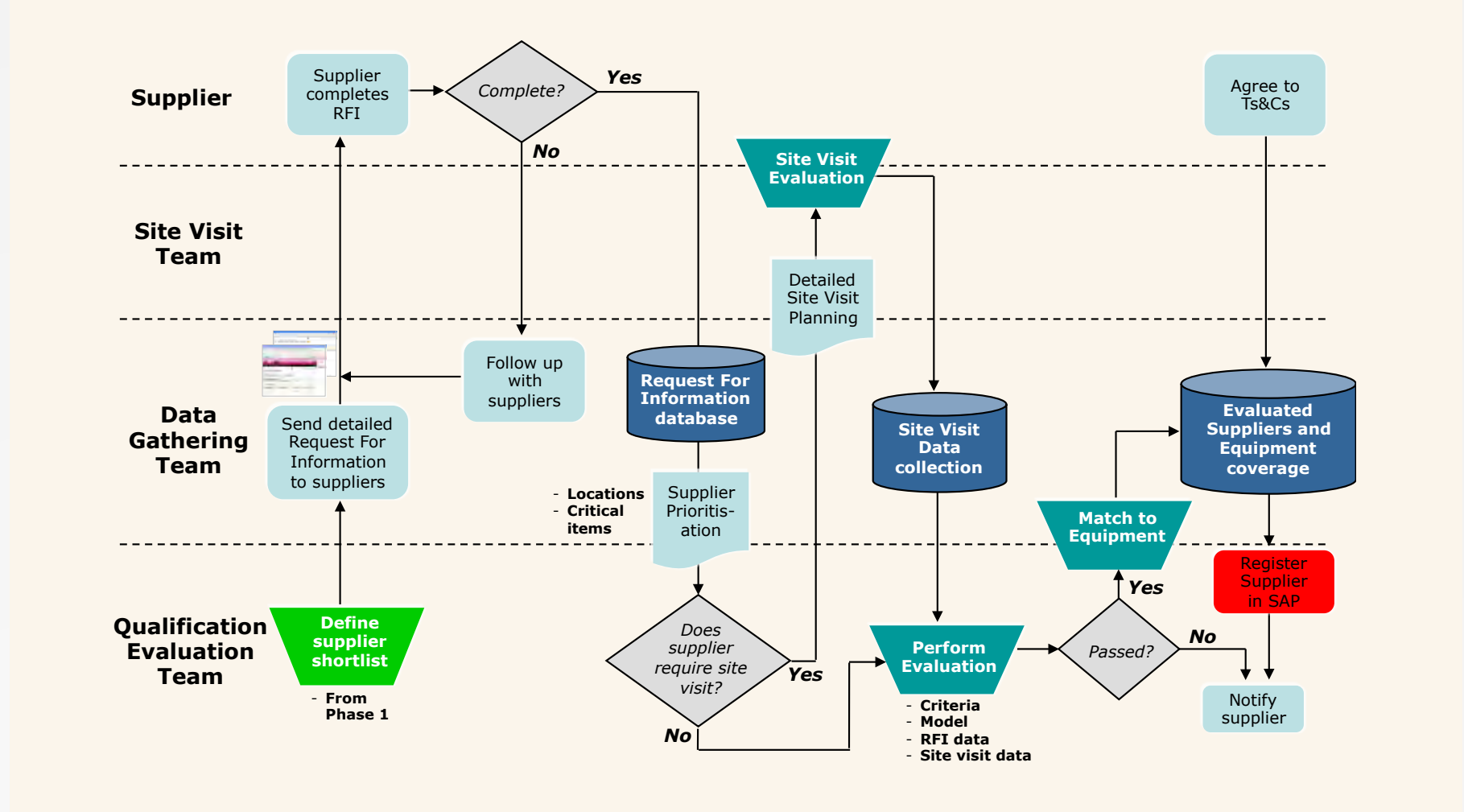
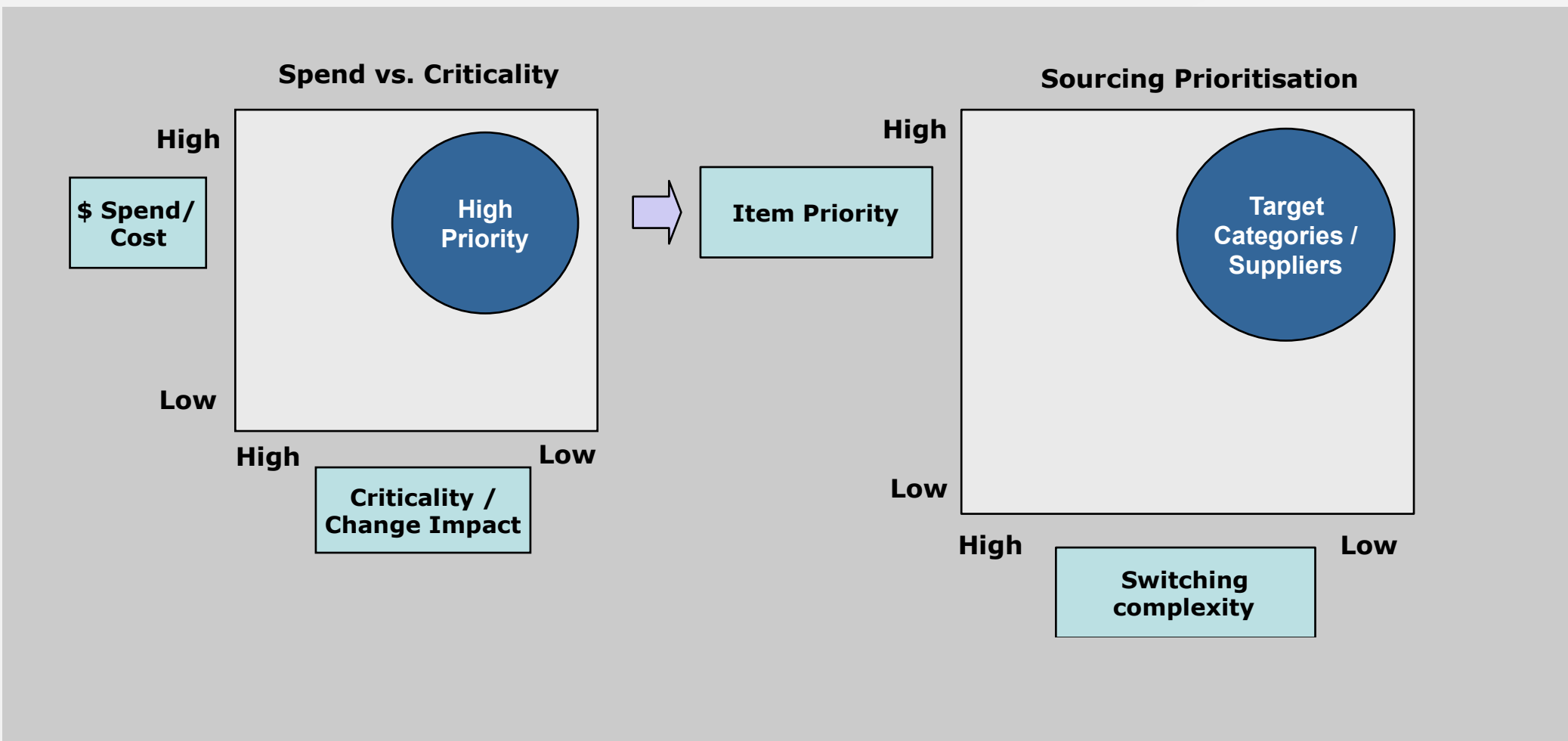
- *Cost Estimation Reviews*
- *Detailed Equipment & Services Benchmarking*
- *Direct negotiation support with 3rd Party Engineering / EPC Contractors*
- *Low Cost Country Supplier Sourcing, including technical inspections evaluation and qualification*
- *Global Qualified Supplier Database of Goods & Services (Rotary, Static, Electrical, Instrumentation & Control, Chemicals & Catalysts)*
- *Supply Management Service: Procurement execution, just-in-time delivery, inventory and shipment tracking & handling*

Results

- *Cost Reduction of at least 30% of the Total Cost of Acquisition (TQA) of Goods and Services*
- *Cost Reduction of 20-40% on Projects Estimation studies*
- *Increase in speed of Final Investment Decision (FID) and Execution Strategy process, due to cost reduction and shortened timing*
- *Guaranteed results, our revenues are dependent on it*

BG TITAN has developed a unique capability for global supplier sourcing (identification, evaluation and qualification), has developed a powerful qualified supplier database client solution

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Problem Statement

Global Geopolitical tensions are on the rise

- Political Violence Rebellion,
- Strikes, Riots, Activist groups
- Terrorism & Sabotage
- *Estimated cost of Cyber attacks against infrastructures globally expected to reach 445 Billion US\$.*
- *Energy firms get rejected by Insurers due to weak cyber-defense or refuse to cover cyber attacks as they can't assess it properly.*
- *Utilities have no guidelines as to what contractors are allowed to do as part of plant maintenance. Supply Chain issues.*
- *Oil, Gas and Utilities are prime target as their Operational Systems were not designed to be protected against Cyber Security.*
- *Most companies are not as organized around Cyber. But Hackers are.*

What we propose

TITAN has partnered with the world's best cyber defense solutions focusing on Operational Technologies

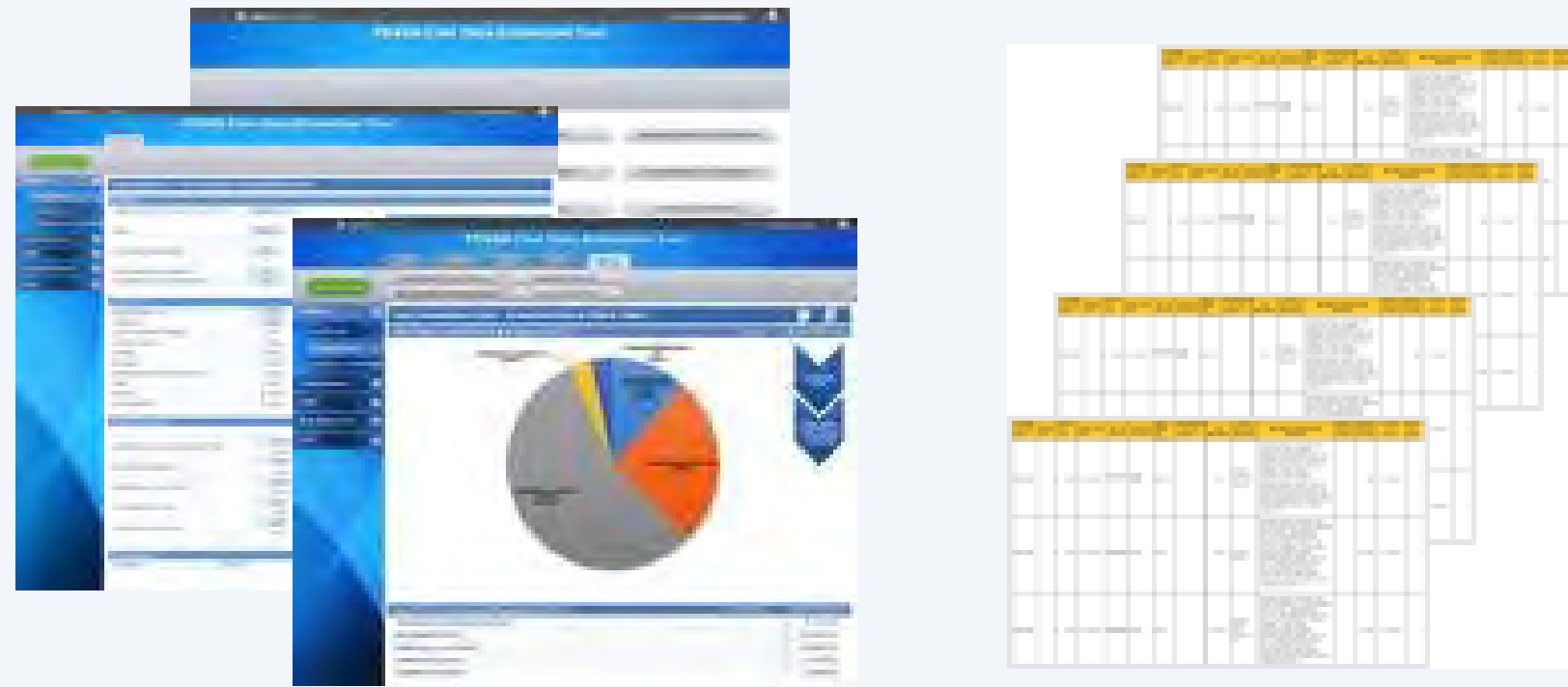
The 4 key strategies to focus on are:

1. *Industrial Network visibility utilizing SCADA probes capable of understanding the topology of the industrial Network and its behavior.*
2. *Vendor Security: 3rd Party goods & services providers are a major source of potential entry points for Cyber Attacks. A systematic approach to Supplier Classification, Security Vetting, and Policies & Procedures is required to maintain your security shield intact.*
3. *Cyber Training: We also provide a multi-sectorial cyber training facility, which effectively duplicates your relevant working environment processes.*
4. *Cyber Intelligence allows you to understand Hacker intentions, methodology and moves.*

IT Tools & Software Solutions

Cost Estimation & Cost Management Software Solutions

Standard and customised benchmarking and cost estimation/cost management applications



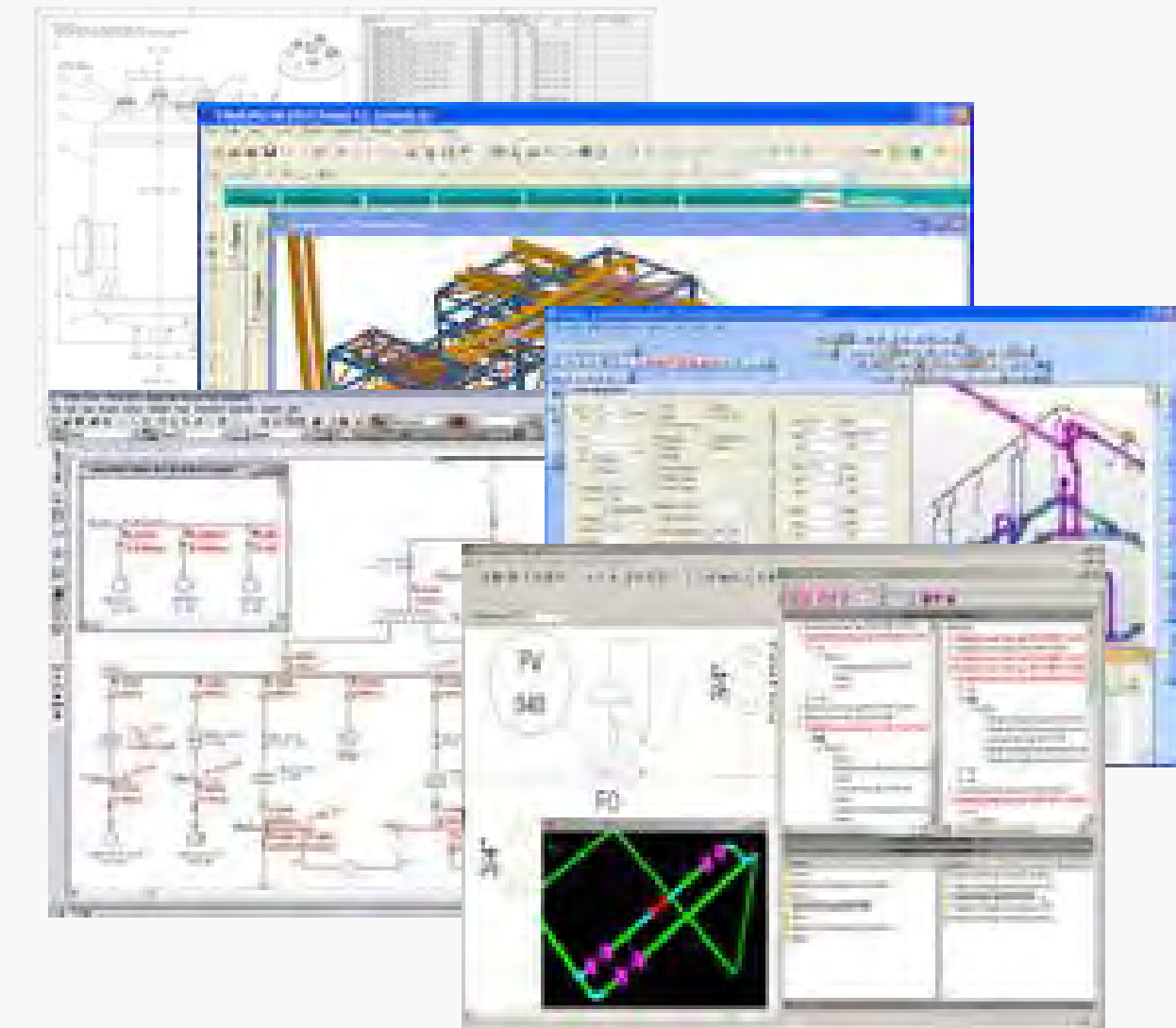
Procurement Software Solutions

Global Supplier RFQ/RFP/RFI/RFT – online supplier platforms
Supplier Database



Engineering Delivery & Management Software and Tools

PROCESS	ELECTRICAL	CIVIL&STRUCTURAL	INSTRUMENTATION	MECHANICAL	PIPING/STRESS	CAD	PROJECT CONTROL	DATABASE	REMOTE
HYSIS	SKM PowerTools	Foundation3D	SmartPlant Instrumentation (INTOOLS)	PVELite	CaesarII	PDS	Microsoft Project	Oracle	CITRIX
PROII	ETAP	DSAnchor	InstruCalc	Etank	FEPipe	PDMS	Primavera	SQL	
HTRI	Groundmat	Combined3D			PipePlus	AutoCad			
AFT Impulse	Visual Lighting	MAT3D			NozzlePro	Microstation			
ChemCAD	AmpCalc	Staad			Isogen	SmartPlant			
SP&ID	LitePro	MathCAD				Cadworx			
Cadworx P&ID	Calculux	Descon Brace				NavisWorks			
	Visual	DesconWin							
	CEAG	SAP2000							
	TraceCalc Pro								
	CalcWare								



BG TITAN provides a broad range of Financing solutions and Advisory Services to specific projects. As such, TITAN can provide project support through arranging structured trade finance approaches to fund projects with off-take agreements.

In order to ensure the continued growth of our partners, BG TITAN is supporting a strong investment program through several downstream projects based on storage facilities and distribution networks.

- ▶ Crude and petroleum product storage tank farms
- ▶ Refinery maintenance and turnaround programs
- ▶ Loading terminals

With BG TITAN's involvement with several strategic and large-scale storage projects, as well as extensive knowledge of refineries around the world and their operating range, the Group is active in the midstream sector in key strategic geographies, providing insight and commodity trading opportunities or needs.



BG's Trading Division is the dedicated Group entity for all Commodity & Energy Trading and has developed a full range of services to arrange trading, shipping and logistics of energy commodities. The division was established by experienced leaders who held senior global positions with trading, shipping and investment companies.

They bring a wealth of knowledge and expertise to operations, ensuring that the company delivers the best possible solutions to its customers.

Our team boasts a wealth of experience not just in traditional water management and engineering, but also in innovative water technologies and eco-friendly practices.

Our work extends from the design and implementation of efficient water supply systems to facilitating the development of progressive wastewater treatment plants. This includes not only creating infrastructure like pipelines and reservoirs, but also integrating technologies such as activated sludge and membrane bioreactors.

In addition to these, our team is also invested in developing sustainable desalination facilities for the production of fresh water from salty or brackish sources. Our expertise in reverse osmosis and other desalination techniques aids in confronting and mitigating issues related to water scarcity.

We also delve into the field of water environmental governance, where we advise municipalities and utilities on effective water management policies, conservation programs, and community engagement while emphasizing strong water resource stewardship.

Our proficiency in water resources management encompasses projects related to surface and groundwater supply, water rights, irrigation, and dams among others.

Lastly, beyond just providing solutions, we aim at creating an environment-friendly cycle of operations in our waste management. Our planning and design expertise translates into practical and sustainable solutions like landfills, recycling facilities, and waste-to-energy plants.

Our holistic approach towards water services is a testament to our commitment to preserving the planet and working towards sustainable progress. Learn more about us as we continue to expand our innovative and comprehensive water management solutions.



- ✓ Our goal at TITAN Trading is to source high quality products from key partners, such as American or Russian and other renowned suppliers worldwide, handle logistics and transportation, and finally deliver these products to local players, distributors, as well as international trading companies.
- ✓ TITAN Trading Division in Taipei is the base for an international trading team supported by professional operations staff. They are active in the trading, shipping and risk management of crude oil and oil products including LPG, naphtha, gasoline, middle distillates, VGO, fuel oil, bitumen and base oils.
- ✓ Using insights gained from its position at the heart of global trading, BG has built on long-standing relationships with trading partners and all key actors of the sector, from brokers to shipping operators to independent trading houses, allowing to cover physical operations in Africa, Russia and Caspian, Caribbean and Middle East regions.
- ✓ Primarily focused on physical Commodities trading, the traders are in constant touch with markets across the world.





Strategic Land Development in Rosarito, Mexico



Desalination plant: 500 liter/second in Ensenada, Mexico



Hydro Aqueduct from Mexicali to Tijuana Mexico



Own & Operate Port Facility Ensenada Mexico



Build, Own & Operate Water Dam in Rosarito Mexico



Own Iron Ore mines
Hermosillo Sonora & Baja California Sur Mexico



Own, Operate & Expansion of TAR
Aerolinea Queretaro Mexico



12MW Hydro Plant , 6MW planned extension
Panama



Transmission Line project (300KM)
Panama



Colombia Colcemento : Cement Distribution
Colombia



Limestone Mining
Bosnia



National ID Program
Malaysia

Mexico

- ▶ Airport Concession Rosarito
- ▶ Strategic Land in Tijuana
- ▶ Solar Project (3GW Commitment with China Energy CGGC) 120MW first phase.
- ▶ Brown Water treatment contract
- ▶ 1000 Social Homes In Huatulco
- ▶ Copper Mine : Largest deposit, right next to Cananea mine
- ▶ HalconVa: Uber Like app, in partnership with the unions
- ▶ WiMax WiBro (old beeper) Frequency Concession
- ▶ Tijuana Airport Viaduct
- ▶ Oil and Gas concessions (400 wells)
- ▶ Tank Storage Facility in Veracruz

Canada

- ▶ Saskatchewan Bio Ethanol Plant (in progress)
- ▶ 1000+ Condo Units Converted & Sold within 14 month timeframe.

Panama

- ▶ LNG Terminal
- ▶ Airline extension (Air Panama)
- ▶ Port Facility in Aguadulce Strategic 20 hectares
- ▶ 350MW Solar Project, Early Stage

Bosnia and Herzegovina

- ▶ 4000 TPD Cement Plant Project with Power China.
- ▶ Water Dam concession (in negotiation)

South Sudan

- ▶ Cement Factory Project (Green Field done, Mine Acquired)

Dominican Republic

- ▶ Trash recycling facility Concession

Oman

- ▶ 100 000 Barrel per day refinery (in progress)

USA

- ▶ 330MW solar project in Texas (EPC)

Other Companies In Our Portfolio

- ▶ *ThePower.io Blockchain technology provider*
- ▶ *Uzbekistan Central Bank Digital Currency Program (In Progress)*
- ▶ *Mediatel : International Technology Service provider*
- ▶ *Strong Dome Home: relief and recreating homes*
strongdomehome.com/4/
- ▶ *Virapy: virapy.com PPE company to provide direct contracts to our government clients*
- ▶ *Plan B Entreprise: www.planbentreprise.com Guyana new EPC established this year, 3 projects already granted:*
 - *2 Sugar Mills*
 - *IT Project*
 - *Energy and pipelines*
- ▶ *LeaderActltd.com (transitioned to other entities) Equity Financing and advisory Firm, held majority control of few assets we built:*
 - *Her Imports Hair company*
 - *Dermaktive Skin Care Brand*
 - *GreenPura (Weight loss in Brazil)*
 - *MassBuff*
 - *Analytics Approach (Email marketing)*
 - Mascot-Grills.com



Zacharie Ajroudi
Vice President Emerging Markets

Zacharie Ajroudi, as the distinguished President of IET Engineering, seamlessly intertwines the realms of engineering and real estate, with a notable affiliation to SADEG Promotion in France. Beyond the contours of business, his foray into the artistic tapestry of the entertainment industry adds a unique dimension to his multifaceted persona.



Mohamed Ayachi Ajroudi
President - International

Renowned engineer and inventor Mohamed Ayachi Ajroudi stands at the forefront of industrial innovation, making remarkable contributions to renewable energy, petroleum and maritime sectors. Ajroudi's significant inventions, such as the flexible offshore oil platform attachment and Portube II, have revolutionized their respective industries. With a keen business eye, he successfully negotiated a \$15 billion contract for water distribution in the Mecca region, firmly establishing his extraordinary influence within Saudi Arabian trade and industrial investments.



Aymen Boughanmi
Founder, Chairman

Canadian Serial Entrepreneur and International businessman. He has led successful projects in over 13 countries in diverse but related fields such as Real Estate, Energy and infrastructure and International structured Finance.



Michael Wang
CEO

Michael is an expert in global commodity trading. Also has over 35 years experience including senior management in Fortune Global 500, investment in Natural Resources (Metal and Mining), Renewable Energy, Infrastructure and Healthcare, etc. Queen Elizabeth II Diamond Jubilee Medalist (Canadian)



Alexander Hristov
Vice President East Europe

Alexander Hristov, a successful entrepreneur and investor in the area of industrial and civil construction on the territory of Bulgaria and the European Union. Alexander has great knowledge in the technical area of construction as well as a valuable experience since his beginning in 2005. He has developed a successful construction company developing civil buildings in Sofia and Burgas, and vocational villages on the coast of the Black Sea.



Ishtiak Ahmad
Titan UpstreamerZ Division

With over two decades in the oil and gas sector, this leader boasts a rich history with multinational organizations. Holding master's degrees in Petroleum Engineering and an MBA in oil and gas management, they have managed exploration and production operations across South Asia, Central Europe, the North Sea, Russia, CIS, the Middle East, and North Africa. Their expertise spans managing field development from exploration to production in diverse regions. They've conducted due diligence on over 100 global assets and have pioneered top-tier operational safety and ESG standards on international projects.



Paul Huang
Partner - Asia

Mr. Huang has over 15 years of experience developing new channels and markets globally, primarily focusing on renewable and traditional energy, environment, high tech, bio-tech, and commodities markets. He is also focused on fundraising through direct investments, project financing, and debt financing for various corporate and private clients, projects, and funds internationally. Mr. Huang graduated from Cornell University with an MBA, and has dual degrees from the University of Pennsylvania.



Tomás Cano
Aviation Department

Tomás Cano, a graduate of Ohio University, holds an extensive experience and clear understanding of the challenges of managing a successful airline business. He draws his experience by being CEO & Founder of multiple airlines including: Air Europa Spain, Air Madrid , Private Jet Atlanta USA, Aerocancun México and Air Panama

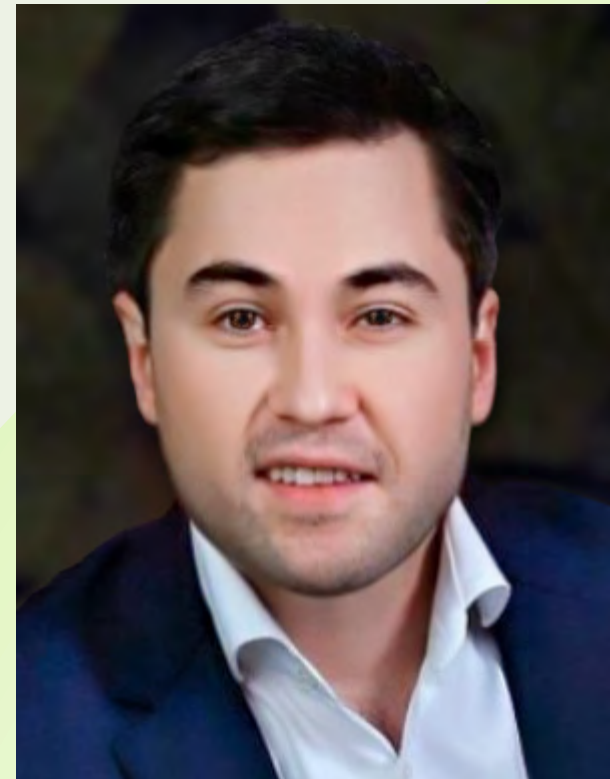


Lotfi Ben Youssef
VP Middle East North Africa

Mr. Lotfi has more than 30 years' experience in auditing and financial services. He's been a CFO for an international Group spanning across 6 countries. Has extensive BIG 4 practice: KPMG. Mr. Lotfi graduated from University of Montreal with an M.B.A. in finance.

Robert Yeung
Vice President

Graduate psychology. His experience has been acquired in international trade in the last three years. Extensive experience in fund capital investment. Its focus is on the trade of crude oil and its derivatives



Azamat Kurbanov
Partner - Central Asia / Russia

Entrepreneurial spirited and growth-focused business leader with repeated success creating bottom line impacts through targeted international sales and marketing initiatives aligned with emerging business strategies.

Strategic Digital Business Planning / Global Market Segmentation & Identification / Team Building & Leadership Territory Management & Expansion / Revenue Growth & Optimization

Alvin Yam
Administration

Doctor in Business Administration, has more than 20 years of experience in multinational business management, professional and leadership operations

Paul Tse
Legal Advisor

Obtaining & Verifying projects of letters of credit, Guarantees & Insurance policies for all transactions

Denis Betsi
Chief Technical Officer

Blockchain & Centralized Solution Architect. Specializing in decentralized solutions focused on innovative technologies, marketing and leadership enhancement. Has extensive experience in AI&ML research, data science, DEFI and marketing.



Jesús Bersain Gutiérrez
President - Mexico

Lawyer by profession, graduated from the National Autonomous University of Mexico. He has served as Chief of the Federal Service of the Ministry of Finance & worked for the Mexico's District Attorney for 12 years. Experienced in the negotiation of Government & Commercial Contracts.

Anthony Hui
Negotiations

With a deep expertise in Intellectual Property law, I specialize in Trademarks, Patents, and provide comprehensive solutions in Corporate Finance. Leveraging years of experience, I offer strategic insights and dedicated counsel to my clients, ensuring their assets and businesses are well-protected and optimized for success.



Todd Wilcox

Todd M. Wilcox is the founder of Patriot Capital, LLC. Patriot Capital is also a majority stake holder in Riz-Q Capital Partners, a private equity firm based out of Dubai, which manages equity investments in frontier economies. Mr. Wilcox draws on more than 25 years of government & commercial experience. University of Tampa with a Bachelors Grad in Finance & accepted a commission as an Infantry Officer in the U.S. Army. Upon promotion to Captain, Mr. Wilcox transferred to the U.S. Army Special Forces branch. In 1997, Mr. Wilcox resigned his Army commission to accept a commission as a Foreign Service Officer with the U.S. Department of State. After completing two years of Arabic studies. Mr. Wilcox is an active member of the Young Presidents Organization (YPO). He serves as a member of the Board of Directors for the National Defense University Foundation and sits on the board of advisors for RAND Corporation's Center for Middle East Public Policy.



Carol S Mann

Carol Mann is an award-winning chief executive with accomplishments with high growth companies in a variety of industries. Her leadership experience began over 30 years ago, she was known as a pioneer of the "turn-around" industry, often serving as interim CEO.

Carol helped form the restructuring divisions at KPMG and at BDO Seidman LLP, two of the most prominent "Big 5" accounting and business consulting firms in the world. As a sought-after speaker and panelist, she has contributed to business textbooks, articles in Fortune Magazine, and US News & World Report and was also featured in *Enterprising Women: Lessons from the 100 of the Greatest Entrepreneurs of Our Day*.

In 2005, Mann was honored with the Women of Distinction Award, as well as Congressional and Senatorial Commendations for her work. Carol attended Philadelphia University where she studied Business Administration.



Juha Yrjönen

Juha Yrjönen has experience of international business since 1988, much of it from process, manufacturing & technology industries. Juha, a native of Finland, has over 30 years' experience of business worldwide, with special emphasis on Asia. Based in Singapore, Hong Kong China and the Middle East for 20 years.

Juha Yrjönen served as a board member of a Chinese-German Joint Venture manufacturing company, and worked with Singaporean-Chinese Joint Venture multimedia & technology companies. He has acted as an advisor to a number of commodity, consumer goods and technology companies from Europe, the USA and Asia.