



QUANTUM  
GLOBAL  
SOLUTIONS

Dispute Solutions

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Quantum Global Solutions introduces its Dispute Solutions team, comprising experienced and qualified professionals engaged in providing expert services. Assisted by knowledgeable and proactive support staff, the team of practicing arbitrators, adjudicators, mediators and testifying expert witnesses is on hand to provide support to you with your dispute.

The team has drawn together qualified and accredited staff with extensive international experience in dispute resolution, specifically in arbitration, adjudication and mediation. With backgrounds of hard earned, on-the-job experience in construction and project management, we provide clients with a multi-skilled resource well suited to contentious construction matters.



Quantum Global Solutions is an independent construction consultancy, with a global reach. We are dedicated to supporting the construction industry, by assisting in the management of projects and by helping to avoid disputes. British founded and managed, we partner with many leading contractors, lawyers and employers around the world. Operating throughout the MENA region, Asia, Europe, Africa and the USA, our experienced teams provide contractual, commercial and planning support to subcontractors, contractors and employers. We have specific expertise in forensic delay analysis, matters of quantum and the preparation of submissions for resolution of construction claims and disputes.

Quantum Global Solutions is regulated by the Royal Institution of Chartered Surveyors (RICS) and is committed to setting and upholding the highest standards of excellence.

## Providing a Winning Service

Parties collaborate on construction projects to create something unique, but change may be inevitable along the way as time becomes critical and costs increase. Where there's significant change, disputes unfortunately may arise. Whilst focusing on amicable solutions and dispute avoidance, we recognise that differences may not be settled amicably by the parties. To help secure resolution, the Dispute Solutions team is here to provide our experience with dispute management, ADR and expert services.



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## Meet the Quantum Solutions Team



**Jeoung Mo Yoon**  
Operations Director –  
Korea



**Andrew Woodward**  
Testifying Expert



**Moneer Khalaf**  
Testifying Expert/  
Arbitrator



**Andrew Fallon**  
Testifying Expert



**Ian Maund**  
Testifying Expert



**Wayne Clark**  
Testifying Expert/  
Arbitrator



**Gordon Tregaskis**  
Arbitrator and  
Expert Determination



**Mike McIver**  
Testifying Expert



**Steve Tennant**  
Testifying Expert



**Catherine Williams**  
Testifying Expert



**Jimmy Loh**  
Testifying Expert



**Chris Thompson**  
Testifying Expert



**Lucia Vernon**  
Expert Support



**Michael Davies**  
Expert Support



**Hussain Chizari**  
Expert Support



**Sean Vernon**  
Expert Support



**Dawn Francis**  
Expert Support



**Christian Swift**  
Expert Support

The Dispute Solutions team provides a proactive approach to assist clients in avoiding or resolving disputes. Drawing on the skills developed from a background of construction management and project delivery, the Dispute Solutions team offer a focused approach based around:

- Specialist knowledge and experience with key disciplines, construction trades, contract forms and deployment of contract management techniques.
- Fundamental understanding of the impacts on cost and time arising from the management of key disciplines and construction trades.
- Provision of integrated teams of engineering, contract and delay specialists, allowing us to combine specialist expertise to provide a single, comprehensive solution.
- Deployment of modelling techniques and 4D media to develop simulations of the time and spatial issues that may be at issue.
- Deployment of a computer modelling and simulation techniques (**System Dynamics Modelling**) targeting and quantifying the resource consumption arising from the effects of disruption.

Drawing on many years of global experience, as well as recognised international ADR accreditation, our team is able to advise on contractual matters and dispute-avoidance techniques. These skills are especially valuable, not only during the tense times when relationships between parties start to deteriorate at dispute, but also during key phases through the initial procurement of a project. Dispute avoidance starts with an 'eyes open' approach to contract risk.

## Dispute Management Support

When an issue escalates to formal dispute, the Dispute Solutions team can assist in preparing or defending the case. Where you have a lack of resource, our team can support and supplement your team to help with identifying the significant issues, to help shape and present them in a manner suitable for tribunal. In particular, we can support and complement the services of the legal teams, by providing the appropriate level of expertise at the right time to act as the technical interface between the legal team and construction personnel closely involved with the dispute.

## Expert and Litigation Support

Led by our Technical Director, Andrew Woodward, the Dispute Solutions Team is able to provide qualified and experienced teams focused on assisting through expert services and litigation Support. The Dispute Solutions Team can provide technical experts with extensive experience in the construction field, to help a party with preliminary expert support in the preparation of their dispute or with support through litigation processes. In particular, Quantum can provide assistance with:

- **Team Workshops** – fact finding and strategy workshops to help a party to understand the nature of the dispute and to help develop strategies for the framing of claims. Help with the provision of neutral guidance on matters to assist the party in developing realistic objectives on the merits of particular claims.
- **Risk Review** – Assist a party to develop realistic reviews of risk, both in terms of the merits of claims but also the merits of the other party's counterclaims. In particular, help a party to identify and determine levels at which to offer settlements.
- **Litigation Support** – provide a technical interface between the party and his legal team. In particular, help a party and the team present their technical arguments in clear and simple terms to court appointed experts at litigation.



## Tribunals and Expert Determination

Drawing on the experience of our practicing experts and arbitrators within our team, the Dispute Solutions Team can provide Independent Neutrals to preside with Expert Determination or sit on tribunal panels. With Expert Determination in particular, the Dispute Solutions team can facilitate the parties, allowing them to make representations and document submissions, ultimately on a route to securing a non-binding, cost effective and impartial settlement of their quantum, delay and contract matters.

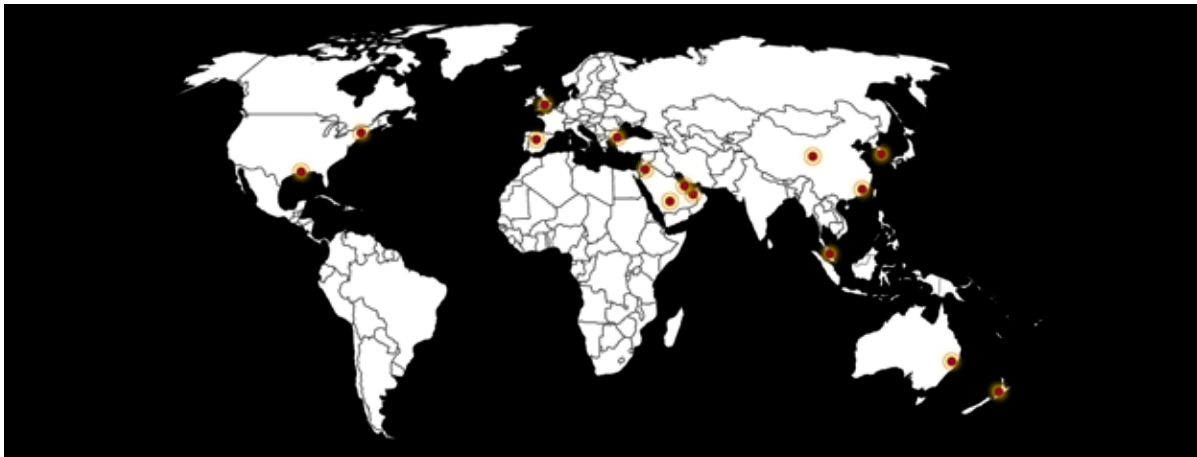
## Expert Witness

With a core team developed from individuals possessing extensive hands-on construction experience, Quantum can provide technical specialists able to provide expert opinion at international arbitration. Drawing on the experience of our practicing expert witnesses, particularly at international arbitration under ICC rules, Quantum can provide expert reports, joint reports and testimony at cross examination in connection with:

- **Quantum** – evaluation of claim and counterclaim costs.
- **Delay** – evaluation of the extent of delay and probable causes of delay within periods in dispute.
- **Construction Management** – provide opinion on construction management issues and techniques, particularly involving issues around the administration of Joint Ventures.
- **Technical** – provide particular technical opinions for selected fields of expertise, For example 'Architectural Design'.

# Global Operations

Our dedicated team of construction professionals work in some of the world's major capital cities in Asia, the MENA region, Africa, Australasia and the USA meeting our client's requirements and providing local experience with global knowledge.



## Quantum Global Solutions

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Holding Company - Quantum Global Solutions (Jersey) Limited



Construction Support Consultancy



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