



A Rimkus Company

Digital Technology



About CCI

CCI is an independent global consultancy that is recognised around the world for its expertise in the insurance and construction industries.

For over 25 years, our delay, quantum, and technical experts have brought clarity and resolution to some of the world's largest and most complex insurance claims and construction disputes.

With a dedicated team of industry experts across 21 offices worldwide, CCI has firmly established itself as one of the most trusted partners in the insurance and construction industries.

The acquisition of CCI by Rimkus in 2021 has allowed us to significantly expand our forensic technical disciplines offering. Rimkus employ more than 1,000 technical specialists and engineers, giving us access to an unrivalled network of diverse skills and experience.

CCI is committed to the deployment of 4D and emerging technologies to improve project outcomes and enhance stakeholder experience.



4D Visualisation

4D involves the linking of 3D models with time data, programmes, or schedules to generate visual sequences.

3D models can incorporate various datasets in addition to the design, encompassing logistics, safety information, temporary works, and interfaces. The outputs can be used to assist all interested parties to better understand complex projects in a simple way, thereby improving communication and enhancing stakeholder engagement. While programmes and schedules are essential project management tools, the technical and intricate nature of them limits accessibility to all stakeholders.

Programmes and schedules are limited in their ability to identify errors such as incorrect sequencing or missing activities. Varying the scope of a project during construction increases the risk of such errors. Failure to detect planning errors at an early stage and throughout the lifecycle of a project may lead to increased risks to the workforce, time delays, and increased cost. Identifying avenues for programme optimisation within a vast schedule comprising thousands of lines is difficult without visual aids. The deployment of 4D technologies will help identify and resolve issues thereby improving project outcomes including health & safety, time and cost.

Our Services



Construction

- Digital Twins
- Programme Validation
- Visual Baseline Comparison
- Masterplan Phasing
- Design Optioneering
- Feasibility Studies
- Time Clash Detection
- Construction Logistics Modelling
- Temporary Works Modelling
- Public Interface Modelling
- Traffic Route Modelling
- H&S - Exclusion Zoning, Risk Dispersion
- Visual Briefings and Method Statements
- 'What If' Visualisations



Insurance

- Safety Incident Modelling
- Data Modelling



Delay, Technical & Quantum

- Visual Programme Analysis
- Planned vs Actual
- Visual Construction Constraints
- Time Clash Detection
- Data Modelling
- Visual Space and Route Analysis
- Construction Logistics Modelling



Advisory

- Execution Plans
- Development Plans
- Tender Responses
- Implementation Strategy
- Software and Requirements
- Audit Current State
- Workshops

These services can be tailored to your project, ranging from singular outputs at concept design to full provisions over the project lifecycle.

Contact Us

If you require a 4D model to support planning on any construction project, contact us on the email address below, or visit our website.

UK AND EUROPE

E: EurEnquiries@cci-int.com



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