



## PROJECT CONTROLS CONFERENCE 2017 – Presentation Summary Template

**Title: Project Control in a Challenging Major Projects Environment**

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*Summary:* Dodgy change control has been the death of many projects and can be the constant vain of even experienced competent project management teams.

It seems that in the current buoyant market the industry's preference is to issue huge Design and Construct contracts for multibillions to expand our state infrastructure. Aurecon in joint venture with numerous design partners, is delivering the detailed design of several of these huge NSW infrastructure projects. These subcontracts represent significant project being managed by Aurecon and its partners and as a result means that the challenges and importance of successful project controls is paramount. Given the risk profile of both the design and commercials, a bespoke process was developed and established to capture, monitor, report and manage all aspects of the project's performance. Our unique change control process easily captures, records and reports on project variations and delays all on an excel platform making it familiar to all users. The team are able to access an electronic form from our GeoDocs platform to capture the change details quickly and in accordance with our contractual requirements. This form can then be merged into the master register were the information is retained and automatically linked to the data base for ongoing management and reporting. A live dashboard then accurately reports on the change status of the project with information to inform management and notify the contractor. The register links to our cost data, managed in Prism, and several other spreadsheets to track and report on specific elements of the project. Although several registers exist on the project a data flow analysis was completed to ensure that information is not being duplicated or manged in two places however still allowing for the appropriate level of flexibility and stability given the size of the project and shear volumes of data being generated.

*Keywords:* change control, design management, commercial risk, controls data integration.