



Queensland Flood Road Recovery Program

UniPhi's web-based portfolio management software was implemented as an electronic collaboration method lead to improved contract admin procedures that saved time, resources and money.



Background

The NDRRA program is a joint State / Commonwealth disaster response and recovery assistance program, with the Queensland Government accessing the funds to reconstruct the thousands of kilometres of road damaged by a string of natural disasters to hit the state in 2010 and 2011, including devastating flooding and cyclones. As the Program Manager, SKM will be responsible for the management of construction of numerous Restoration Work Packages for each of the three regions. Packages

include the reconstruction of hundreds of kilometres of damaged roads and associated infrastructure such as bridges and drainage.

SKM is a leading projects firm, with global capability in strategic consulting, design and delivery, serving the Buildings and Infrastructure, Mining and Metals, Power and Energy and Water and Environment sectors.

Senior managers needed real-time access to all project data, program-wide metrics and reports from any computer, via the internet. This meant system audits could be carried out from head office without the need to interrogate the contents of ring-binders, filing cabinets or a myriad of bespoke Excel spread sheets in remote site offices.”

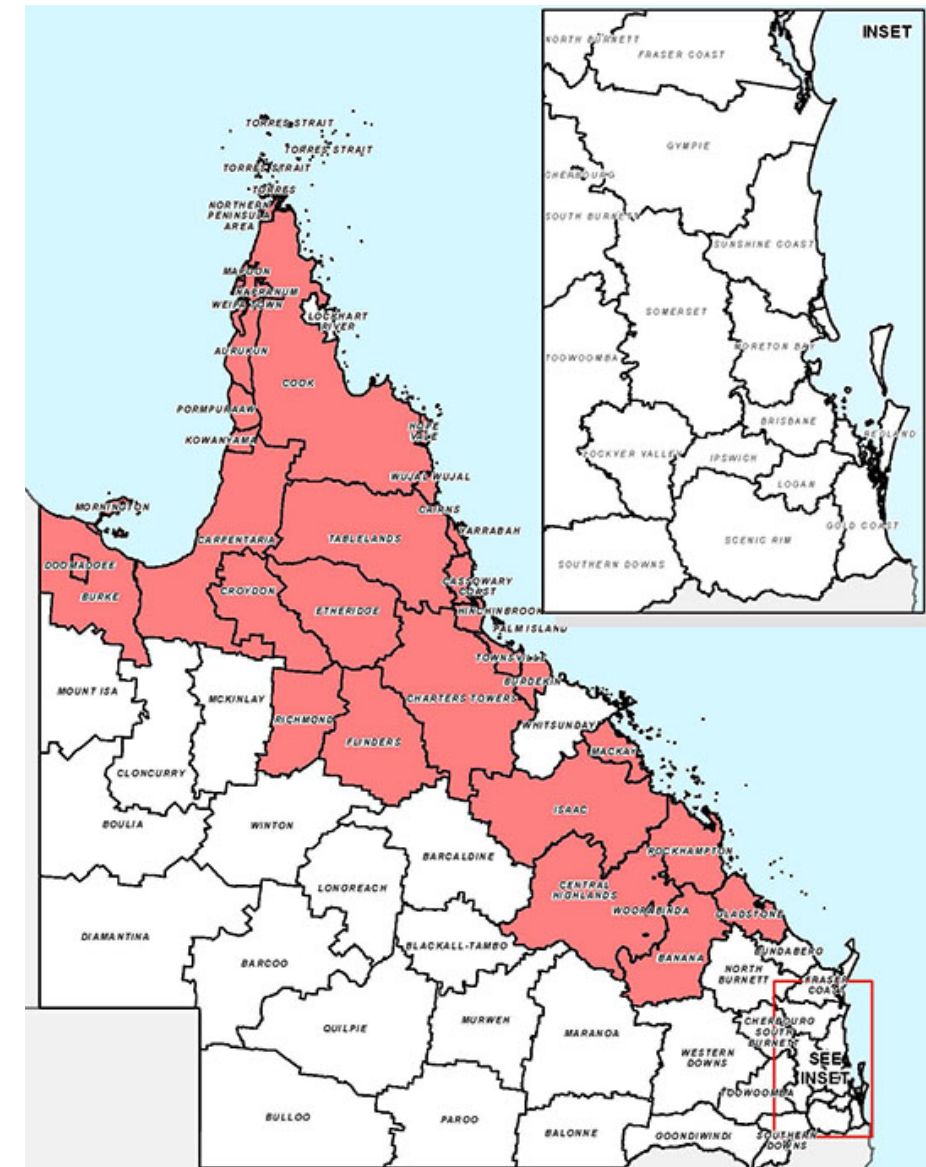
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The Challenge

SKM were tasked with managing over \$800m of road restoration in three of the remotest regions of Australia. The difficulty in being able to track a program of works across such a vast and lightly populated area is significant. Traditional project management methods included triplicate hardcopies of documents and centralised reporting meant an excel spreadsheet that

was 3 months behind where the program actually was at.



**NDRRA Activations as at 1300 hrs, 20/04/2012
Heavy Rainfall & Flooding.
Northern & Far Northern Queensland 15 March 2012**

The Solution

Deploy a web based product and establish 3G towers on project sites to enable project office communication back to the PMO hub based in Brisbane.

UniPhi managing director Mark Heath discussed UniPhi's contribution to SKM's program management efforts in Queensland. "UniPhi's integrative nature means that most aspects of the program work can be handled in one system. A single system means that communication is open and streamlined while data entered need only be entered once and used many times. Reports, documents and dashboards can be generated, and populated with this data, at the click of a button. Information can be pulled from, for example, the contracts, issue or resource areas of the application to

produce an overview of the program, or a more focused update of a single package. UniPhi's template system means that templates have been created that match Queensland's Department for Transport and Main Roads (TMR) contract administration templates.

Another huge benefit provided by the use of UniPhi is its high level of configurability. SKM is required by the Queensland Government to report monthly on a number of metrics from 'Percentage of Road Network Closed', 'Percentage of Impacted Road Network Recovered' to the number of 'Community Meetings / Information Sessions'. Through the use of custom fields, defined by SKM, UniPhi can be moulded to suit their requirements."

UniPhi is supporting SKM in:

- Document Management;
- Issue & Risk Management;
- Resource Management;
- Project Cost Management;
- Procurement and Contract Administration;
- Change Control; and
- Communication and Stakeholder Management.



The paperless system offered by UniPhi removed the need for dedicated administration assistants resulting in an estimated saving over the program of about \$5 million.

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The Results

Timelines on reporting have been significantly reduced. The manpower required to run the program of works is also significantly lower than what would be required following the traditional model of project and program management.

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NEXT
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About SKM

Sinclair Knight Merz is a leading projects firm, with global capability in strategic consulting, engineering and project delivery. It operates across Asia Pacific, the Americas, Europe, the Middle East and Africa, deploying some 7,500 people from more than 40 offices.

About UniPhi

UniPhi is a software company that builds mobile and web based applications for working in a project environment. Our suite of solutions covers the end to end life cycle of projects and engages with all people working within that environment.

The key benefits to UniPhi's solutions are:

- Transparency of information
- Real time data entered once used many times
- Integrating both people and information
- Fostering Collaboration

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