

CASE STUDY

DCS UPGRADE

OUR CLIENT:	Winstones Pulp International
INDUSTRY:	Pulp and Paper
VALUE:	NZ\$500K
OVERVIEW:	<p>Karioi pulpmill produces pulp and paper for New Zealand and international markets.</p> <p>The Honeywell DCS system is now obsolete and availability of the flash driers and refiners were impacted due to the unreliability of the systems.</p> <p>A project was initialized to upgrade the control systems to Rockwell PlantPAX DCS, the aim was to improve reliability and achieve higher availability for the mill, without impacting production.</p>
ENGINEERING:	<p>ECL engineers were responsible for code development, documentation, testing and commissioning, to replace the obsolete Honeywell DCS with the Rockwell PlantPAX DCS system.</p> <p>The graphics and programming were based on the Rockwell PlantPAX for improved situational awareness, with an interface to an existing 3rd party historian.</p> <p>The commissioning was staged to fit in with planned plant shutdowns, or online, to reduce downtime.</p>

➤ The aim of improved reliability was achieved, the DCS system continues to have higher availability.

The project was completed on time, within budget and with no lost time incidents.



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