

## CASE STUDY

### Seaview Terminal

<b>OUR CLIENT:</b>	<b>BP</b>
<b>INDUSTRY:</b>	Oil and Gas
<b>VALUE:</b>	NZ\$75K
<b>OVERVIEW:</b>	<p>A new stand-alone terminal with three bulk storage tanks, ancillary equipment and utilities was constructed on a brownfield site in Wellington, NZ.</p> <p>ECL were contracted to supply the main site PLC system and SCADA, an independent LAHH shutdown system for tank levels, an independent site wide ESD system, testing, commissioning and training for operations staff, plus all relevant project documentation.</p>
<b>ENGINEERING:</b>	<p>ECL engineers were involved from the design of the controls systems, development of the documentation, through to testing and commissioning of all of the systems.</p> <p>A Rockwell Automation CompactLogix and Flex I/O was utilized for the main site PLC, with Wonderware Intouch as the SCADA.</p> <p>A Pilz PNOZ n1p was utilized for the independent LAHH and ESD shutdown systems. All communications between the systems was via Modbus TCP/IP.</p> <p>Once the site was commissioned training was given to the operations staff.</p>

### OUTCOME:

- The terminal was successfully commissioned and is now in full operation.
- The project was complete on time, within budget with no lost time incidents.



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