

DEFENCE / CRITICAL INFRASTRUCTURE

# RNZAF Base Ōhakea – Te Whare Toroa

Full-site power security for the RNZAF's P-8A Poseidon fleet facility.



<b>CLIENT</b> New Zealand Defence Force	<b>LOCATION</b> RNZAF Base Ōhakea	<b>SCALE</b> 20,000 m <sup>2</sup> facility	<b>PARTNER</b> B&M Electrical Ltd
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## THE CHALLENGE

Te Whare Toroa is a 24/7 operations centre supporting the RNZAF's maritime surveillance fleet. The site demanded electrical infrastructure that survives major seismic events and remains fully operational through a total grid failure — built with 180% more seismic capacity than a standard city office building.

## OUR SOLUTION

Excel designed and manufactured a comprehensive suite of high-capacity boards for the 20,000 m<sup>2</sup> site:

- **Main Switchboards (MSBs)** — two heavy-duty MSBs as the primary energy arteries for the complex.
- **Generator Backup System** — dedicated Generator Board keeping the base 100% operational during outages.
- **Hangar & Distribution Boards** — two Hangar Boards plus an extensive array of DBs for maintenance bays, simulation rooms and support offices.

Type-tested Prisma Plus P 1600A mains and generator-supplied Main Switchboard, housed in Prisma G cabinets.

## PROJECT OUTCOMES

<b>20,000 m<sup>2</sup></b> multipurpose facility powered	<b>180%</b> seismic capacity vs. standard build	<b>100%</b> operational during grid failure	<b>1600A</b> type-tested Prisma Plus P mains
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## How can we help?

Get in touch to discuss your project and obtain a free quote.

[CONTACT US →](#)