

City Rail Link, Auckland

CASE STUDY

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City Rail Link, Auckland

INFRASTRUCTURE / RAIL

THE CLIENT

The City Rail Link is the largest transport infrastructure project New Zealand has built, and one of the most significant transport investments in the country's history.

Supplier: Evolt Pty Ltd

LOCATION
Auckland CBD, New Zealand

TYPE
Wired

SCALE
Twin 3.45km tunnels; three new underground stations and one above ground

OPENED
13 September 2026

PROJECT VALUE
$5.5 billion

FITTINGS
Over 600 Ektor emergency exit signs

PROJECT OVERVIEW

Running twin 3.45km tunnels beneath the Auckland CBD, the $5.5 billion project adds three new underground stations, Te Waihorotiu, Karanga-a-Hape and Maungawhau, alongside the rebuilt Waitematā station, and reshapes the city's rail network around a central underground route.

Delivered by the Link Alliance, the CRL opened to the public on 13 September 2026. Its first week set an all-time record for Auckland rail, with 528,007 boardings, around 62 per cent higher than the week before it opened. For a project this size, and one carrying this many people underground, the emergency exit signage had to meet the specifications set for the project.

Ektor supplied its Mercury and Razor emergency exit signs across the CRL stations, with DALI-2 monitoring throughout, meeting the engineers' design specification where other brands could not.

KEY STAKEHOLDERS

LINK ALLIANCE	Project delivery
DSBJV	Head contractor (installer)
DOWNER NZ	Electrical contractor
AECOM	Electrical engineer / consultant
DON MULDER (CRA)	Specifier
EVOLT PTY LTD	Supplier

PRODUCTS MIX



MERCURY PRO

24M Emergency Exit



MERCURY PRO

24M Emergency Exit, Black



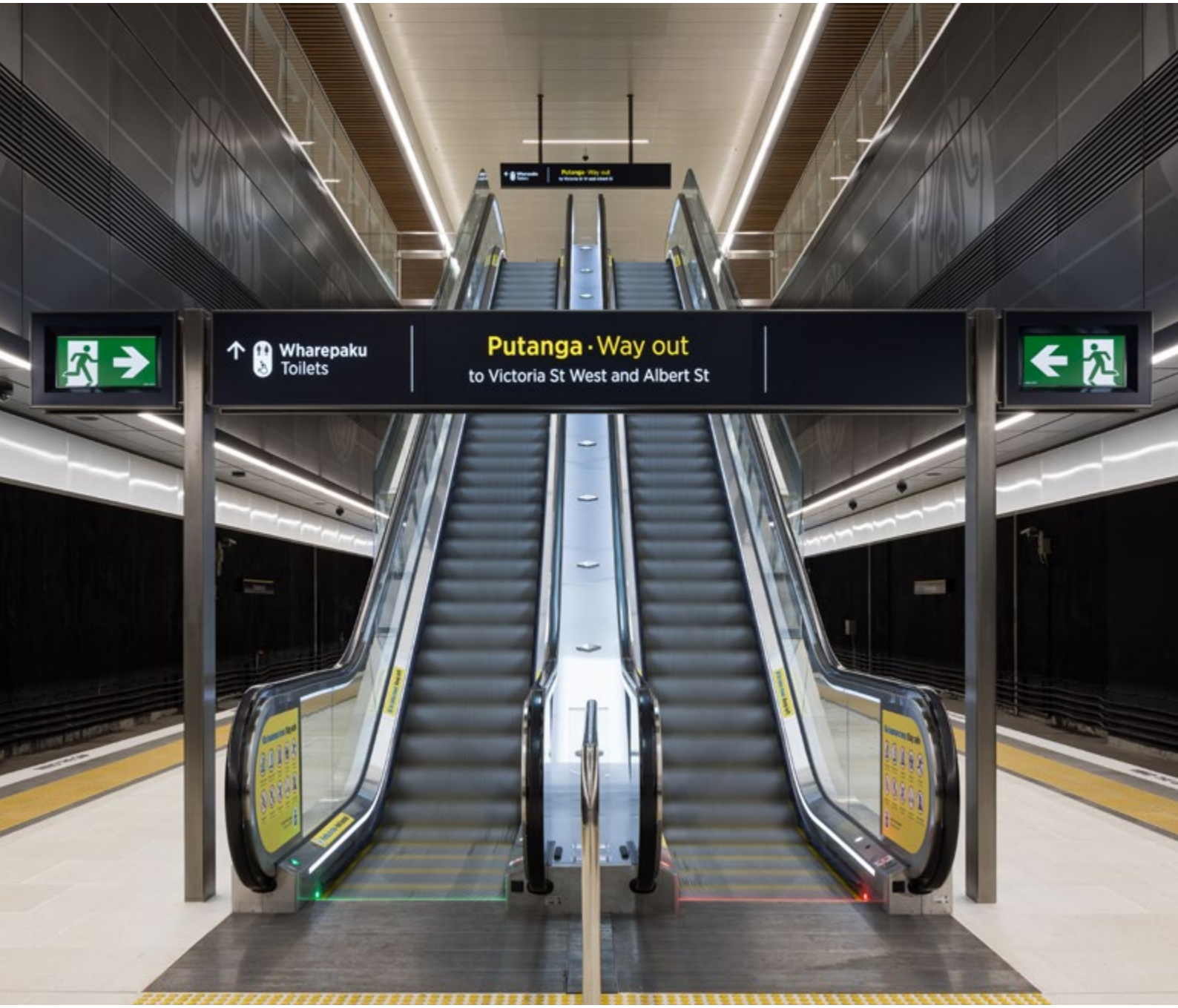
MERCURY JUMBO

40M Jumbo Emergency Exit



RAZOR SM ADV

24M Surface Mount Exit Sign





RESULTS & BENEFITS

SPECIFICATIONS MET

Ektor was specified because it could meet the engineers' design specification for the the CRL's emergency exit signage.

OVER 600 FITTINGS ACROSS THE NETWORK

More than 600 Ektor emergency exit signs were supplied across the CRL stations, from the Mercury Pro exit range to the Razor surface-mount advanced exit sign.

DALI-2 MONITORED EMERGENCY LIGHTING

Every fitting is DALI-2 monitored, giving operators a central view of every exit sign across the network. Status, faults and compliance testing are managed from one system rather than fitting by fitting. DALI-2 is an open, non-proprietary protocol, so the system can be maintained and expanded over time without being locked to a single supplier.

AUSTRALIAN DESIGN, LOCAL KIWI SUPPORT

Ektor's emergency lighting range is designed and engineered by Evolt in Australia, with local support from our New Zealand team throughout the project.



CONCLUSIONS & LEARNINGS

Ektor emergency exit signs are now installed across the stations of the largest transport infrastructure project New Zealand has built. It is part of a network that set an all-time record for Auckland rail in its first week.

For specifiers and contractors on major commercial and infrastructure projects, the CRL is a reference for the Ektor range working at scale.

A project-ready range, wired or wireless

Ektor One is our project range for emergency and exit lighting across wired and wireless systems.

Talk to our team about your next project.