



# Hospital & Healthcare

## Industry Mini Guide Series

### INDUSTRIAL SECTOR

Hospitals | Medical Facilities | Aged Care & Retirement | Healthcare Centres



## INTRODUCTION

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Australia and New Zealand boast world-class healthcare systems supported by state-of-the-art infrastructure. Globally, both nations are renowned for implementing these top-tier systems, ensuring all citizens receive equitable and high-quality medical care, cementing their reputation as top performing nations in global healthcare<sup>1</sup>.

In the dynamic realm of designing and constructing hospitals, medical facilities, aged care, and healthcare centres, compliance is not merely a check-box—it's the cornerstone of safety, efficiency, and excellence.

Ensuring that infrastructure meets the highest standards is essential for the well-being of patients, staff, and visitors. When specifying handrails for healthcare projects or public infrastructure in Australia and New Zealand, strict adherence to national standards and legislation is mandatory.

In Australia, compliance involves the Disability Discrimination Act (DDA) and Australian Standards,

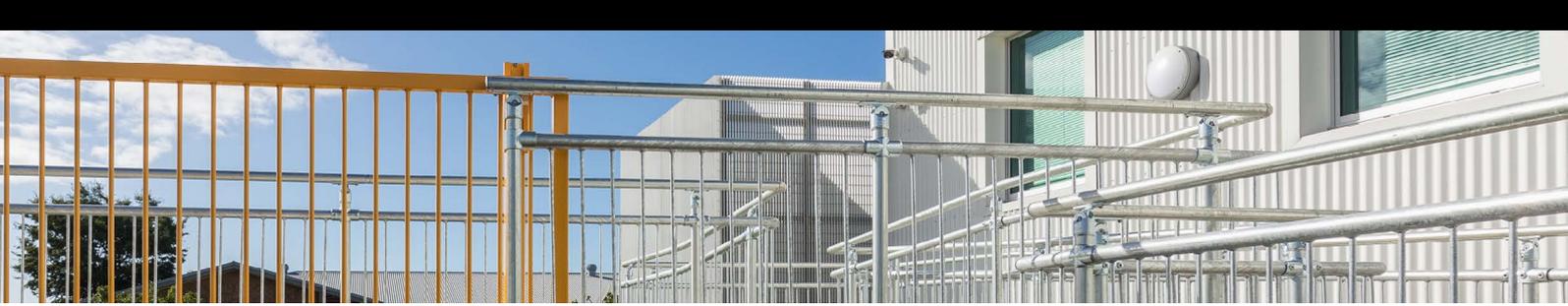
particularly AS 1428, which focus on creating accessible and inclusive environments. In New Zealand, it requires alignment with the New Zealand Building Code, NZS 4121:2001 for access and mobility, the Human Rights Act, and the Health and Safety at Work Act to ensure accessibility and safety for individuals with disabilities.

With years of research and development into each modular configuration, Moddex's barrier systems are pre-engineered for 100% up-to-date compliance, industrial-grade durability, replaceability and easy modification.

Supplied with compliance documentation and downloadable, such as NATSPEC, MASTERSPEC and Revit files, from our BIM library, Moddex systems are ready to be used in your design, giving peace of mind and certainty that every turn is up to code and keeping your site safer.

**With Moddex, everything fits.**

<sup>1</sup> <https://medrecruit.medworld.com/articles/new-zealand-vs-australia-comparing-the-medical-systems>



# PROJECT SPOTLIGHT

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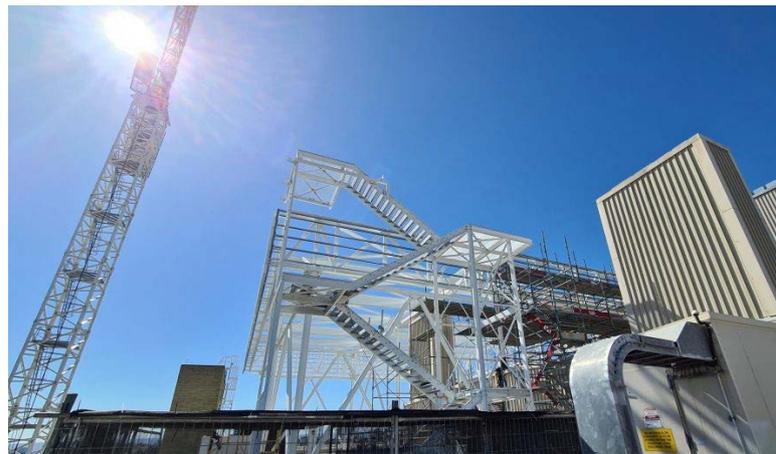
## ROYAL PERTH HOSPITAL HELIPAD

**Location:** Perth, WA

**Client:** Firm Constructions

**Products:** Assistrail® - AR70, AR150;  
Conectabal® - CB30

Offering incredible on-site flexibility and fast installation, Moddex was specified by SPH Architects + Interiors to supply and install customised barriers systems to the helipad external stair flights, landings and fire isolated stairs, compliant with latest civil aviation safety standards, Australian Standards, DDA and BCA.



## SUTHERLAND HOSPITAL CAR PARK

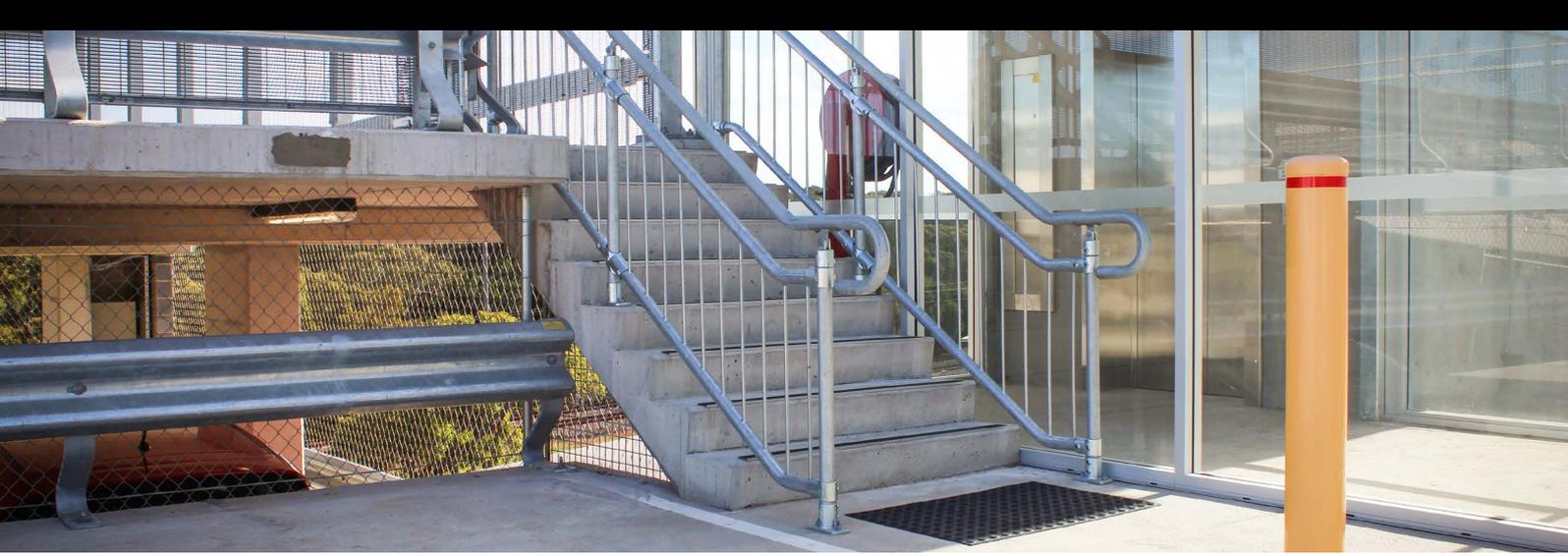
**Location:** Caringbah, Sydney, NSW

**Client:** Car Park Compliance Solutions

**Products:** Assistrail® - AR20, AR50;  
Conectabal® - CB30

Moddex's Assistrail® and Conectabal® configurations were custom-designed to perfectly fit the layout of Sutherland Hospital's new \$10 million, 4-level car park. Selected for their turnkey compliance for disability access and rapid modular assembly, these solutions seamlessly integrated into the project, adding 561 much-needed parking spaces. With Moddex's support, from delivery to installation and accommodating last-minute changes, the carpark expansion was efficiently realised, benefiting patients, visitors, and staff of the hospital.





## CABOOLTURE HOSPITAL OUTPATIENTS & CAR PARKS

**Location:** Caboolture, Queensland

**Clients:** Paynter Dixon Queensland Pty Ltd

**Products:** Conectabal® - CB10, CB35, CB40

Conectabal® Commercial Balustrade configurations were specified to meet the compliance requirements of Class 9a buildings, such as hospitals and healthcare facilities. The project comprised of 55-space car park designated for specialist outpatient patients, along with a new 300-space car park for the hospital.



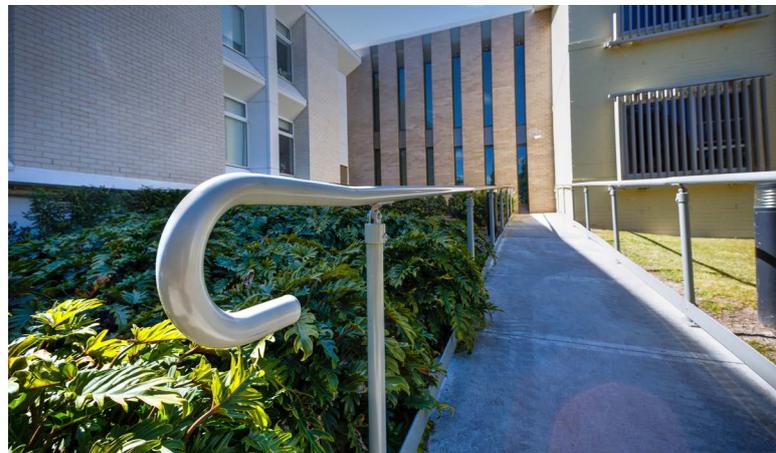
## GLENFIELD RETIREMENT AGED CARE

**Location:** Glenfield, South West Sydney, NSW

**Client:** Grindley Constructions

**Products:** Assistrail® - AR20, AR30, AR45, AR150;  
Tuffrail® - TR30

Moddex was instrumental in both stages of constructing the \$30 million Sir David Martin Residential Aged Care Facility, providing competitive pricing, and flexible scheduling, delivery and installation. Moddex's handrail solutions enhanced safety and disability accessibility at fire stairs, external stairs, ramps, walkways, and the plant deck.



## SECRET HARBOUR MEDICAL CARE

**Location:** Secret Harbour, WA

**Client:** RHG Contractors

**Products:** Assistrail® - AR20, AR40, AR150;  
Conectabal® - CB10, CB30

Moddex provided crucial support to Secret Harbour Medical Centre by ensuring compliance through the selection, design, and installation of balustrades and disability handrails. Their expertise focused on safeguarding critical areas of the building prone to falls at heights, offering certainty in meeting safety standards.





## MODDEX SYSTEM RANGE



**Assistrail®** – Disability Handrails. Ensures that the public and mobility impaired or vision impaired can traverse your site safely and with ease.



**Bridgerail™** – Bridge Barriers. Ensures balustrades on bridges can be specified and fitted effortlessly, with compliance guaranteed.



**Conectabal®** – Commercial Balustrades. Mitigates risk and prevent falls from height.



**Tuffrail®** – Industrial Handrails. Tough, corrosion-resistant handrails for use in areas where chemical fumes or sea spray could cause corrosion.



**Bikesafe®** – Disability Handrails. Ensures that the public and mobility impaired or vision impaired can traverse your site safely and with ease.



**Ezibilt™** – Modular Ramp, Deck & Stair Solution. The ultimate pre-engineered modular solution for fast-tracked construction of accessibility stairs, ramps and decks.



**KlipTread™** – Clip-On Walkway & Handrail System. A pre-engineered, clip-on walkway and handrail system specially designed for bridge infrastructure.

# ABOUT MODDEX

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Moddex is Australasia's leading manufacturer of modular, no-weld, hot dip galvanised barrier systems for industrial, commercial and non-residential construction projects.

Pre-engineered for structural integrity, all proprietary systems by Moddex are load tested and configured to Australian and New Zealand Standards (AS/NZS), Workplace Health and Safety guidelines (WHS/OSH), Australia's National Construction Code (NCC/BCA) and the New Zealand Building Code (NZBC).



## **With Moddex, Everything Fits™.**

We operate nationwide in Australia and New Zealand for design, supply, installation, delivery and advice.

Whether you need tender support or technical or compliance advice, we're here for you in Brisbane, Sydney, Canberra, Melbourne, Hobart, Adelaide, Perth, Darwin, Auckland and Christchurch.

Call Moddex's main sales office on 1800 663 339 (Australia) or 0800 663 339 (New Zealand).

**[www.moddex.com](http://www.moddex.com)**

**All information provided is correct as of April 2024**

**moddex**<sup>®</sup>  
EVERYTHING FITS