



Shaping the Future

Cardno's vision is to be a world leader in the provision of professional services to improve the physical and social environment.

Cardno prides itself on employing and retaining the best people to provide clients with experienced industry professionals. It is our people that make working with Cardno a positive experience.

Cardno's goal is to provide business solutions, strategic professional advice, and deliver services which add value to your organisation.

Whether creating transportation infrastructure to connect people, planning new cities or providing fiscal advice in emerging markets, our people share a commitment to improving the physical, social and economic infrastructure of the communities in which we work and live.

As engineers, scientists, planners, landscape architects, surveyors, development assistance practitioners and professional managers, our goal is to help shape the future.



A handwritten signature in black ink, appearing to read 'A Buckley', written in a cursive style.

Andrew Buckley
Managing Director and CEO

Cardno has been created by people who have a vision to provide a better future.

We are a dynamic organisation, constantly learning, growing and looking to the future.

We plan urban infrastructure to make homes for our families.

We study the environment to plan development in harmony with nature.

We find solutions to conserve water to benefit our community.

We design roads, bridges and highways to connect people.

We create airports to bring us closer together.

We partner with developing nations to build self reliance.

But mostly **we work with you** to achieve your goals.

At Cardno, we listen. Our aim is to know more about who you are and what you do. We think long term — finding the best way to optimise your investment over the life of your project.

Building and Property

Cardno's broad range of services enables your buildings and facilities to be designed to meet your specific needs. Our comprehensive solutions and diverse engineering capabilities help to provide efficient service delivery.

- ▶ Sporting Facilities
- ▶ Health and Aged Care
- ▶ Educational and Government Buildings
- ▶ Commercial and Retail Centres
- ▶ Transport Terminals – road, rail, ports
- ▶ Brownfields Redevelopment
- ▶ Resorts and Tourist Areas
- ▶ Cultural and Recreational Precincts
- ▶ Residential Centres
- ▶ Finite Element Analysis

Coastal, Ocean and Marine

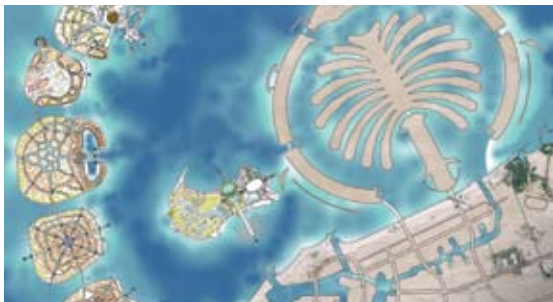
Cardno understands the need to protect and manage coastlines and waterways. With this knowledge, we plan and design the infrastructure necessary to keep our economy vibrant while protecting the environment.

- ▶ Ports and Harbours
- ▶ Marinas and Breakwaters
- ▶ Environmental Monitoring
- ▶ Dredging and Reclamation
- ▶ Coastal and Estuary Management
- ▶ Simulations (ship, flood, coastal, cyclone and marine)
- ▶ Estuarine Morphological Studies
- ▶ Met-Ocean Design Criteria

Environment, Climate Change and Water Quality

Cardno works with government, industry, developers and land owners to deliver commercially viable and practical environmental management solutions. Our team includes scientists, environmental engineers, technicians, climate change analysts, ecologists and hydrologists.

- ▶ Waste Management
- ▶ Flood and Waterway Studies
- ▶ Environmental Impact Assessment
- ▶ Rehabilitation
- ▶ Water Quality
- ▶ Water Sensitive Urban Design
- ▶ Climate Change Analysis



Emerging Markets Services

Cardno has worked in developing countries for more than 35 years. We provide a full spectrum of services from institutional development of public sector agencies through to design and project management of infrastructure.

- ▶ Public Sector Reform
- ▶ Private Sector Strengthening
- ▶ Law and Justice
- ▶ HIV/AIDS and Health
- ▶ Education and Training
- ▶ Natural Resource Management and Agribusiness
- ▶ Infrastructure Design and Project Management
- ▶ Asset Management
- ▶ Institution Development and Capacity Building
- ▶ Tourism for Development
- ▶ Financial Sector Development

Management Services

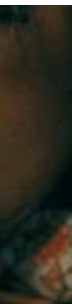
Cardno provides management solutions. We work with you to review, analyse and study your systems, procedures and policies to help you effectively manage your assets to achieve strong returns on your investment.

- ▶ Asset and Facilities Management
- ▶ Strategic Planning
- ▶ Feasibility Assessment
- ▶ GIS and Mapping
- ▶ Defence and Security
- ▶ Total Security Management
- ▶ Project Management
- ▶ Risk Management

Mining and Resources

Cardno has extensive knowledge and experience in the mining and resources sector. Our clients benefit from our commitment to providing uncompromised service and technical excellence in the development of the resources industry.

- ▶ Process and Refinery Structures
- ▶ Materials Handling Structures
- ▶ Marine and Offshore Structures
- ▶ Lifting and Transportation
- ▶ Industrial Construction
- ▶ Geotechnical Engineering
- ▶ Geotechnical Testing
- ▶ Mapping and Survey



Transportation

Cardno offers an experienced team to assess, plan, design, and manage infrastructure projects. Our experience is both local and international, ranging from providing detailed analysis and reports, to project management and delivery of major projects.

- ▶ Road Safety Audits
- ▶ Roads and Bridges
- ▶ Traffic and Transportation Planning
- ▶ Rail
- ▶ Maritime Infrastructure
- ▶ Airports
- ▶ Construction Engineering Services
- ▶ Construction Materials Testing
- ▶ Subsurface Utility Engineering

Urban Development

Cardno is a leader in urban design and planning for residential, commercial and industrial developments. We offer an extensive range of services including civil and environmental engineering, master planning, land survey, and sustainable design services.

- ▶ Planning/Resource Management
- ▶ Detailed Design and Contract Administration
- ▶ Development Approvals and Negotiation
- ▶ Environmental Impact Assessment
- ▶ Sustainable/Green Design
- ▶ Feasibility Assessment
- ▶ Master Planning
- ▶ Landscape Architecture
- ▶ Land Surveying and Mapping

Water and Wastewater

Cardno is renowned for its comprehensive water and wastewater services. Whether urban, rural or industrial, Cardno can assist in water resource management – through planning, delivery, rehabilitation or enhancement.

- ▶ Water and Wastewater Treatment
- ▶ Dams and Reservoirs
- ▶ Water and Sewer Distribution
- ▶ Strategic Planning
- ▶ Capital Works Scheduling
- ▶ Water Cycle Management
- ▶ Demand Management

Cardno is a leader and an innovator.

As an integrated professional services provider, Cardno locally delivers the specialist advice to create or improve the physical and social infrastructure which underpins communities around the world.

Key Projects

New York City Airports, New York, United States

Cardno TBE is providing Subsurface Utility Engineering (SUE) services to all New York City airports. Cardno TBE precisely identifies the location of existing underground utilities prior to commencing design or construction of major infrastructure projects.

Infrastructure Projects, United Arab Emirates

Cardno's Middle East office, together with specialists from US-based Cardno WRG, are providing planning, landscape architecture, environmental and engineering services to a range of projects in the UAE, including the revitalisation of the Dubai Al Hamriya fishing precinct, the Waterfront Crescent Masterplan and the development of Maya Island.

Manly Council Climate Change Study, Sydney, Australia

Manly Council commissioned Cardno to conduct independent analysis of the likely impacts of climate change on the Manly Local Government Area (LGA) and establish a set of objective criteria for advising Council on response measures. Cardno's report sets out recommended mitigation measures along with prevention strategies to reduce greenhouse gas emissions.

Westfield Plenty Valley Town Centre, Melbourne, Australia

Cardno Grogan Richards delivered civil and traffic engineering services for the expansion of Westfield Plenty Valley Town Centre to meet the needs of one of Melbourne's rapidly growing urban fringes. The expanded shopping centre features five major stores and over 140 speciality stores.

One Featherston Street, Wellington, New Zealand

Cardno TCB are providing construction set-out survey services for Fletcher Construction on the One Featherston Street office tower project. When completed, the 15-level building will be one of New Zealand's largest commercial office buildings and is registered for assessment under the Green Star - Office Design Tool, with the aim of achieving a 5 star rating.

Tsunami Reconstruction Projects, Maldives and Indonesia

Teams from Cardno have been working with AusAID, the United Nations, the Red Cross, NGOs and foreign governments to help reconstruction and economic revitalisation following the Boxing Day tsunami of 2004. Services included monitoring of 1,000 reconstruction contracts in Indonesia. The team also supervised the construction of an entire community in the Maldives.

Gateway Bridge Duplication, Queensland, Australia

Cardno is working in partnership with the Leighton Abigroup Joint Venture to deliver the AU\$1.5 billion Gateway Upgrade Project. Cardno has acted as specialist consultant in the detail design and documentation of the 260 metre main span and side span of the 762 metre bridge, while Cardno Bowler has provided construction materials testing services for the entire project.

Kawana Waters Master Planned Community, Queensland, Australia

For more than 40 years Cardno has provided master planning and design services at Kawana Waters, one of Australia's largest master planned communities. Services provided by Cardno include hydraulic modelling, planning and design of waterways, arterial roads and bridges, urban infrastructure, traffic and environmental solutions.

Land Titling and Economic Restructuring, Afghanistan

Funded by USAID, Emerging Markets Group is working to improve urban land tenure security through a community-based approach to land administration. The project also has an economic restructuring component with the team facilitating the transfer of selected state-owned enterprise assets to the private sector.

Whether large or small, your business is valued.

Our business is continually evolving, ensuring your project has the most up-to-date, practical and well considered technical advice possible.

We also recognise that it is important to be where you are.

As a result, we are committed to a strong regional focus which complements our specialist teams in major cities.

Our goal is to solve your business challenges cost-effectively and on time.

We look forward to working with you.



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