

# GOLD COAST AIRPORT

**MAIN CONSTRUCTION COMPANY : ADCO Constructions**  
**DEVELOPER : Queensland Airports Limited**  
**PROJECT END VALUE : \$100 Million**  
**COMPLETION : January 2010**  
**ARCHITECTS : PDT Architects**  
**STRUCTURAL ENGINEER : MPN Consulting Engineers**  
**SERVICE ENGINEERS : NDY & Right ICT**  
**BAGGAGE HANDLING SYSTEMS DESIGN : BCS Group**

## ANOTHER ADCO PROJECT MAKES A SAFE LANDING

With over five million passengers passing through the building whilst under construction extending and refurbishing Australia's sixth busiest airport at the Gold Coast gave ADCO Constructions another opportunity to display the depth of the Company's Design and Construct skills.

The \$100 million project, which is nearing completion, was awarded to ADCO in October 2007. After a five month design period, construction activity commenced on site in March 2008. Throughout the construction period the site team have worked with the Gold Coast Airport to ensure the airports activities were not hampered during the construction process. In fact not only has the airport continued its usual operations, but actually increased the volume of international and domestic passenger traffic through the course of the works.

ADCO's team has created a completely new terminal facility doubling the size of the existing terminal and adding a revitalised retail and food and beverage offering for travelers. The design incorporated a number of ESD initiatives including a rainwater collection system with

the capacity to store one million litres of water which is re-used for irrigation and for toilet flushing.

More efficient passenger movements have been achieved, with the installation of new baggage transportation and handling equipment together with new check-in facilities and extensive flight information display screens. The facility was designed as a Common User terminal with check in areas able to be used by multiple airlines rather than dedicated facilities for each. This provides the airport with a high degree of flexibility and minimizes operating costs.

At the peak of the works the site was resourced with 240 ADCO staff and subcontractors, all of whom were required to meet the strict security and safety requirements of working in an operating airport.

ADCO is a leading Australian construction company established in 1972 which operates along the eastern seaboard, with offices in Sydney, Melbourne, Brisbane, Newcastle, the Gold Coast, Townsville and Cairns. ADCO has grown over the last three decades to become



one of Australia's top 100 private companies with revenues in excess of \$500 million per annum and over 350 direct employees.

ADCO's expertise spans construction, fitout, design and construct, refurbishment, and construction management services across a wide range of industry sectors. A testament to ADCO's professional excellence is the fact that 70% of ADCO's business is repeat business. Clients include AMP, Dexus, Woolworths, Bunnings, Mirvac and government enterprises.

ADCO is rated as an Industry Best Practice Contractor by various government accreditation schemes, with third party certification of quality, safety and environmental systems to the latest Australian Standards. ADCO is a member of the Green Building Council and has expertise covering design and construct of 4, 5 and 6 Star Green Star projects. ADCO's commitment to green building has been recognised recently, with one of ADCO's projects taking out a major international award at the Royal Institution of Chartered Surveyors Awards in London. The Bond University Mirvac School of Sustainable

Development, which ADCO completed in 2008, was awarded the Global Sustainability Award. This is one of the world's most prestigious property awards and follows the projects' previous awards which include; the 2009 EPA Sustainability in the Built Environment Award, 2009 Australian Institute of Architects State Award for Sustainable Architecture, 2009 Urban Design Award for Urban Design Excellence. The project is also a finalist in the 2009 Australian Institute of Architects National Awards.

ADCO currently has \$600 million of projects under construction including the major extension to Robina Town Centre and extensions to Pindara Hospital on the Gold Coast, Bunnings Stores in Chatswood, Narellan and Seven Hills in Sydney and the Kingsville Aged Care development in Melbourne.

According to Managing Director, Richard Carmon, "ADCO's success is built on a company-wide focus on commitment to our client, highest ethical standards, teamwork and best practice." "ADCO's team strive to understand our client's organisation, their people and its goals. By understanding our client we ensure that we can meet their expectations and add value to their business. Our goal of a satisfied client on every project has resulted in lasting relationships which have been the key to ADCO's growth over the years. ADCO is consistently associated with high standards of service, quality, personal attention and integrity. These standards have resulted in one of the highest levels of repeat business in our industry.

"Our staff focus on working together with our clients, consultants and subcontractors in a non adversarial manner to deliver projects on time and budget. Mutual respect and open communication between all team members provides the foundation for our success.

"We continually strive to improve the level of service offered to clients. Our business processes incorporate the highest standards of Quality, Safety and Environmental Management. Third party accreditation of these standards demonstrates our commitment to clients that our processes are maintained and continually improved to Best Practice standards."

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## BECAUSE FIRST IMPRESSIONS COUNT

**A**nyone landing at Gold Coast International Airport will be greeted by the handiwork of Pieris Pty Ltd, who provided all the painting and rendering for the whole airport inside and out as part of the recent upgrade. The task lasted 12 months and took a permanent crew of five painters and renderers, including a main supervisor who was required to complete the ASICS course as part of site-specific security measures.

"We used all Dulux Premium range, from the industrial range, including Weather Max and Aquashield Texture Coatings where a high quality, long term product was needed," explained John Wells, Pieris' Project Manager for painting.

"Quite vivid, strong colours were used, bold blues and reds. For all the height work knuckle and boom lifts, snorkels and scissor lifts were used. All our tradesmen are trained in using access equipment and all were re-trained by the hire company, On-Site Access, before commencing the job."

Pieris also provide interior decorating, construction and building maintenance services, with clients including Mantra at Salt, where a crew ranging from two to five workmen is permanently on site. They also do regular repeat work for the Department of Commerce and Department of Education and Training, many nursing homes and commercial developments, and have a three year contract with Gold Coast City Council.

A major new project underway is the new Gateway between the States at Tweed Heads, which will give the border crossing some pizzazz. The building of the Tweed Heads Visitor Information Centre is being Project Managed by Pieris. "There were three different governments involved on the Tweed Heads project. It is a design and construct tender, with a very modern, open look," said Tim Pieris, Project Manager.

"We turn our hand to everything. A lot of our 40 employees are long term. Our men are happy to work in with everyone, all the different trades on a site. We can do jobs like shop fit outs, we are qualified at removing asbestos and lead, and in interior decorating we can do the new vogue finishes and vinyl papers. Most of our products being premium products are low VOC, low smell and low toxins. "Everything we do, we do to the nth degree so it's actually right first time. Our management plans, safety plans, toolboxes, OH&S training, are all to the nth degree. Pieris is one of the largest companies on the coast in this business, because of the quality of work we are putting out."

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## MAKING A TERMINAL CHIC & FUNCTIONAL

**G**old Coast International Airport's extensions provided UFL Group an opportunity to demonstrate the full range of their design and manufacturing talents in providing complete airport fit out solutions.

The Australian and New Zealand based group specialise in the fit out of airport terminal buildings. Services include planning, detailing, supply and installation of all interior furnishing elements including counters, seating and passenger guidance systems. Product design focuses on form and function to match the clients architectural and operational needs and deals with ease of use and functionality, be it check in counter operation or relaxing waiting lounge seating, with both comfort and space efficiency. "Whilst we have an extensive range of proven products, our project product is made to order, so can be tailored. That's the advantage of being integrated from design and manufacturing through to installation," said UFL Australia's Managing Director Charles Stuart. "We believe we are here to give the customer what they want, and we go to enormous lengths to accommodate their needs."

For Gold Coast International, UFL designed, supplied and installed 83 Wing beam seats, 36 check-in counters, 16 gate counters, and public guidance equipment including 265 rotating tape head tape barriers as well as 1011 units of their best beam seating model. This AS202 steel beam seating is produced using recyclable materials with components conforming to Green Star environmental standards.

UFL designers have worked closely with various airport security services particularly during the last decade in the development of specialised inspection systems furniture to cope with greater volumes of passengers and more exacting inspection requirements. The rotating tape head barrier, as an example, is a new technology to enable faster passenger guidance management, by increasing the changing speeds

of tape line direction. This allows for easy configuration changes and minimises wear on the tape heads and eliminates the need for staff to lift and reposition heavy barriers, making them ideal for high-density passenger areas. UFL's drive to constantly improve passenger facilitation leads to ongoing product development and innovation in this field.

UFL is experienced in the logistical requirements of transporting goods internationally and around Australia and in many instances have created product which can be flat packed in components to not only allow lower freighting costs but also enable individual unit modules to be removed and replaced should it be necessary. "Within a working airport it has become significantly more difficult with modern day AVSEC requirements to place our goods in the terminal; however UFL worked closely with Gold Coast Airport and other contractors to ensure a successful and seamless installation."

Other airports featuring UFL designs include Zia International Airport in Bangladesh, Astana International Airport in Kazakhstan, Marshall Islands, Perth, Brisbane, Sydney and Dubbo. Current projects include Auckland International Airport, Melbourne, Virgin Blue, Cairo and Vietnam. UFL also service the commercial office sector, hospitality, theatres, auditoriums, courthouses, cruise ships, ferry terminals and waiting areas.

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