

CASE: WESTPAC HOUSE, ADELAIDE

## Cutting energy costs by 60%

Westpac House, which towers 31 stories above the Adelaide streets, offers its tenants a fantastic location and stunning views of the city and the Adelaide Hills. This impressive building, home to major corporations, financial institutions and law firms, requires an equally impressive, modern and eco-efficient elevator system to keep people moving smoothly. KONE recently modernized 13 of the building's elevator units. At the heart of delivering smooth people flow throughout this local landmark, the latest energy-saving elevator technology delivers 60% savings in energy costs compared to the old system.

### Challenge

The elevator modernization at Westpac House formed a central part of a multi-million dollar retrofit. As premium corporate real estate, the building needed an elevator system that would both reflect its status as a modern center of business activity in the city and help cut energy costs dramatically. It was vital for the owners of Westpac House, Abacus Property Group and SAITEYS-McMahon, that the proposed elevator solution delivered energy efficiency and the latest technology. It was also vital to keep disruption to everyday working life in the building to a minimum during the project.

- Modernize existing elevator units
- Deliver eco-efficiency and smooth people flow
- Minimize disruption for tenants and keep them informed about project progress

### Fast facts

Westpac House  
Opened: 1988  
Height: 443 feet (135 meters),  
31 stories  
South Australia's tallest  
building

**KONE solution:**  
Complete modernization  
of 13 elevator units.  
9 KONE ReSolve™ with  
Unity Drive (high- and  
mid-rise sections)  
4 KONE ReVolution  
with KONE EcoDisc®  
hoisting machines  
(low-rise sections)  
13 cars with KONE  
ReNova™ landing  
door system

# Modernizing Adelaide's premium corporate address



## Energy-efficient by design

KONE's ReSolve with Unity Drive is a modernization solution specifically designed for high-rise buildings. Installed in Westpac House's high- and mid-rise elevator units, this solution utilizes the latest drive technology developed jointly by KONE and Magnetek, reducing energy consumption by as much as 45%. In the low-rise sections of the building, KONE's groundbreaking EcoDisc hoisting technology reduces energy consumption by as much as 60% and saves space. Both technologies enable the elevators to regenerate almost as much power on descent as they consume on ascent.

## Knowledge and expertise minimizes disruption

As part of the refurbishment, KONE worked closely with the property management company Knight Frank and elevator consultant Whitfield Rose. This collaboration was vital in ensuring that the proposed solution matched the exact needs of the building, in terms of both its individual characteristics and the planned budget for the project. Having already been involved in the building's initial construction, KONE's expertise was key in managing elevator use during the refurbishment and minimizing disruption for tenants. To this end, part of KONE's role was to communicate with the tenants to keep them informed about developments during the project.

## Lifting Westpac House into the future

Thirteen KONE elevators using the ReNova door system deliver modern, comfortable and efficient people flow for the owners and tenants of this bustling business center. KONE ReNova is a customized high-performance door modernization solution that was a perfect fit for the high traffic and demanding requirements of Westpac House. The new elevator interiors meet the latest disability access requirements and feature an advanced elevator-information system that can be used to broadcast news, communicate information, and even provide advertising space. The modular, flexible nature of KONE ReNova solutions means they can be easily adapted to the individual needs of each building.



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