

Data Capture and CAD Drafting



Industry

- Tertiary Education
- Facilities Management

Project Facts

- Data Capture and CAD Drafting
- One of Australia's largest universities, 50,000 students, 3000 staff and 11 campuses.
- Located in Melbourne's CBD and western region

Challenge

- Capture and update existing floor plans for 3 campuses

Return on investment

- Increase knowledge of asset
- Easily accessible data
- Central repository

Future Benefits

- Digital data set available for future Facility management and Analysis or site development and upgrade.

Recognised as one of Australia's most innovative universities, Victoria University offers a unique combination of academic and vocational skills, coupled with an advanced research profile. Victoria University has become one of Australia's largest universities, containing 50,000+ students, 3000 staff and 11 campuses located in Melbourne's central business district and throughout Melbourne's western region. The University's four Higher Education faculties and four Technical and Further Education schools have developed strong links with industry, business and the local community.

To assist in their Facilities Management responsibilities, Victoria University have identified three campuses, Melton, City (Flinders St/Lane), and St Albans, for which they have no electronic floor plans. Consulcad has been invited to undertake the CAD drafting and field verification required to update the original drawings and create the dataset containing plans for every level and roof of all buildings within each campus.

The project required data to be captured from various architectural drawings and aerial photographs supplied by the client, existing CAD data from an earlier project and site survey works. Site surveys were required at all campuses to verify the data's accuracy and where applicable to capture any modifications.

All data attained was integrated and drafted into CAD format by specialist CAD operators.

