

La Trobe University

The flexibility and scalability of the Gallagher access system are well suited to the fluid university environment.



The flexible and future proof design of Gallagher's access system (formerly Cardax FT) provides extensive system expansion and integration options for La Trobe University.

The main campus of La Trobe University in Melbourne (Bundoora) is situated in spacious parkland and includes a Wildlife Reserve. This metropolitan campus also houses the main research and teaching facilities of the University, including the Research and Development Park, a world renowned library, multi-media facilities and a medical centre.

The University covers a vast 330 hectares and incorporates 60 buildings across several campuses in regional Victoria - in Bendigo, Albury-Wodonga, Shepparton, Mildura and Beechworth.

La Trobe University has a particularly strong commitment to international students and collaboration with other education institutions. It leads the International Network of Universities which is a consortium of universities specifically designed to promote student mobility. Currently the University has links with some 250 institutions in more than 40 countries.

This University prides itself on forward thinking to accommodate the needs of staff and students now and in the future - security considerations are no exception.

Security on site is comprised of guards, an extensive CCTV camera system and a Gallagher access control with integrated intruder alarms system upon which they rely heavily. The Gallagher system was installed in 1998 and originally controlled 6 doors in the Eastern lecture theatre.

Since then Gallagher system has been installed throughout many of the University's buildings and campuses and a steady technology migration to the latest Gallagher Command Centre software platform has taken place. The University now has 1012 doors across its campuses. Wayne Aldous, Security Manager - Infrastructure & Operations Division (pictured on overleaf), Security and Traffic Unit - has weighed up the leading access control systems on the market and is confident in their choice.

"With ongoing software releases and system enhancements the Gallagher access system is proving to be the right product for the University.

The Gallagher system now protects a wide range of facilities including the Physical and Health Sciences precincts, Law and Management buildings,

Administration, Computer science labs, and Student Accommodation. The Gallagher system provides a full audit trail of events for reference in the event of criminal activity and OH&S matters.

"We find the reports powerful and look forward to future developments in this area," Wayne comments. La Trobe University creates reports from the Gallagher system and includes these, plus time stamped video footage as part of incident reports for police as required.

Currently the University has 22 operators with workstation licenses - these operators manage day to day cardholder access requirements in their respected departments. The Computer Sciences and Library for instance, manage access control of their own areas independently. The introduction of the latest version of Gallagher's Command Centre software provides La Trobe University staff with significant flexibility and independence in terms of cardholder management and access control. Different areas of the university, for example student accommodation, can independently manage access outside their relevant divisions based on the cardholder's needs.



La Trobe University is an internationally recognised leader in the provision of high quality education and training underpinned by a strong research focus.

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"One of the most beneficial features regarding the Gallagher access system is the access group time and date expiry. It means that access can be granted and denied to specific areas in advance of when it is required. We can check whether the access status of students to different areas is enabled, pending, or expired. The ability to provide temporary access means staff don't have to manage access requirements in real time. It's proving very useful," Wayne comments.

La Trobe University will be implementing Gallagher's UltraSec access system to protect and monitor areas where high consequence substances are stored.

UltraSec is a high security variant of Gallagher's access system. It achieves superior security through very high levels of system data encryption and monitored communications, using encryption key lengths of 128 bits and 168 bits. UltraSec meets high security requirements determined by the Australian Radiation Protection and Nuclear Safety Agency (a Federal Government agency charged with responsibility for protecting the health and safety of people, and the environment, from the harmful effects of ionizing and non-ionizing radiation). Interfaces between a range of third party systems and the Gallagher system have been established including to their Digital Video Recording system and to the University's energy management system. La Trobe University has its own power generation capacity and it on-sells

the excess energy it generates to the grid. The University is looking to upgrade their CCTV camera system to one which incorporates artificial intelligence in drawing attention to suspicious activity.

There is opportunity to integrate the University's Syllabus Plus resource scheduling system to the Gallagher system via the Syllabus Plus Interface. This will facilitate cost savings and improve efficiencies in resource management.

Wayne comments, "The segregation of fundamental components of security is no longer. Today security systems are integrated. You have intrusion detection, door latch monitoring, key position monitoring – the list goes on. Gallagher's access system is proving an ideal integration platform."

La Trobe University uses Mifare smartcards providing the ability to implement cashless car parking, and student photocopier and print services in the future.

The flexibility and scalability of the Gallagher access system are well suited to the fluid university environment.

"The Gallagher system is rapidly developing into an outstanding product. Believe me, I have worked with many access control systems in the past and it beats everything out there," states Wayne Aldous, Security Manager.

For Wayne, the support of Gallagher Channel Partner, Base 10 Communications, is an integral part of the wider Gallagher offering. Base 10 offers more than 30 years of experience in Gallagher access systems - an invaluable resource in terms of utilizing Gallagher's system to its full advantage.

Wayne is also a member of the Tertiary Education Gallagher Users Group (TEGUG), which was formed in 2000. TECUG represents over 40 Asia Pacific Tertiary Institutions that use Gallagher's security systems. The group's biannual meetings provide an opportunity for customers to network, discuss common issues, identify problems and share solutions. Members of TEGUG can also

talk directly with Gallagher staff and discuss wish lists for future development, innovations and support.

The key objectives of La Trobe University are to be an internationally acknowledged centre for teaching, training, scholarship and research and to prepare students for the various needs and challenges of work and society. Gallagher will be the core security platform securing this expanding University now and into the future.

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ABOUT GALLAGHER

Gallagher security systems (formerly Cardax FT) are the choice of market leaders in a diversity of sectors: Mining and Resources Government, Education, Industry, Banking and Finance, Health, Communications, Commerce, Transport,

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To find out more about the security system that companies put their faith in every day, contact your nearest Gallagher office, or visit us at www.gallaghersms.com.

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