

Case Study

Wenona School

Ampac protects 1000+ students across the 1.7 hectares of Wenona School in North Sydney.

Established in 1886, Wenona is one of Australia's leading independent day and boarding schools for girls.

The campus is spread across 1.7 hectares and is home to over 1000 students. The facilities include:

- Two gymnasiums
- An aquatic centre
- A theatre
- A café
- Several boarding houses

The Challenge

- Full compliance with AS1670.1&4:2018 was requested by the school campus-wide, regardless of the BCA only requiring smoke detection to AS3786 for many of the buildings
- Size of the campus and number of buildings
- Live upgrade with zero impact on an operating campus

Location:	North Sydney, NSW
Sector:	Education
Solutions:	FireFinder ^{PLUS} , EvacU ^{Elite} , Nimbus, & SmartView
Completed:	2023

The Solution

Ampac partnered with Precision Fire to deliver a tailored solution including:

- 9 **EvacU^{Elite}** consisting of 23 EWS zones and 49 WIP phones plus a custom Lockdown system integrated with the **FireFinder^{Plus}**
- 9 **FireFinder^{Plus}** panels consisting of 20 addressable loops with multiple brigade ASE interfaces
- **SmartView** in three locations connected via Wenona Schools structured TCPIP network
- Nimbus

The whole system has been networked using fibre optic cable.

Our new Emergency Warning Intercom System **EvacU^{Elite}** offers a fully configurable and operator-friendly touchscreen interface. It provides many new features, including software supporting up to 512 Emergency zones and 1024 WIPs, the possibility of connecting up to 64 nodes and several configurable options such as background music, etc. It's been designed to allow time and cost savings during installation, operation and maintenance. **EvacU^{Elite}** is also fully compliant with the Australian standards AS 4428.16, AS 4428.4 and AS 7240.4.

To facilitate the monitoring of the campus, the client has installed **SmartView**, our fully featured graphical event management system. The **SmartView** Server has been connected to 3 remote clients, providing clear and precise information to the operators in case of an event. It's been combined with the event notification tool Nimbus, which informs its users of any fires, faults, pre-alarms and disablements by email and on a mobile application.

