

**INTRODUCING**

# **P.T.E.A.S.**

## **PATTISON TECHNOLOGY EMERGENCY ALERT SYSTEMS**

If a serious incident happened on your site right now... how long would it take to alert every staff member?

Would your current system eliminate confusion or create it?

When seconds matter, communication saves outcomes. PTEAS empowers staff to trigger instant lockdown, evacuation, or emergency alerts from anywhere on site. This ensures rapid, reliable, and coordinated response across your entire school.



[www.pattisontechnology.com.au](http://www.pattisontechnology.com.au)





# INTRODUCTION

Pattison Technology (EST. 2009) has successfully completed over 200 major projects primarily in Health Care, Aged Care, and Education Sectors.

Specialising in Electronic Systems such as Emergency Alert Systems, Alarm & Access Control, CCTV, Nurse Call Systems, Fire Detection, Intercom, Integrated Systems and Consultancy.

Pattison Technology is a family owned and run company highly focused on customer service and delivery of bespoke solutions derived from our diverse knowledge across multiple systems and technologies.

# LETS LOOK AT THE STATISTICS.

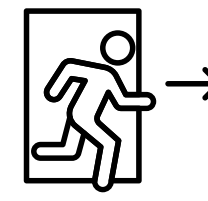
In 2023 (NSW Gov Schools): [data.nsw.gov.au/data/dataset](https://data.nsw.gov.au/data/dataset)



**6,000+**  
Incidents



**77**  
Lockdowns



**40**  
Evacuations

VIOLENCE

WEAPONS

EMERGENCY SITUATION

CRIMINAL ACTIVITY

INTERNAL:  
THREATS

INAPPROPRIATE  
BEHAVIOUR

WEAPON POSSESSION

EXTERNAL:  
INTRUDERS

SEVERE WEATHER  
POLICE INCIDENTS NEARBY

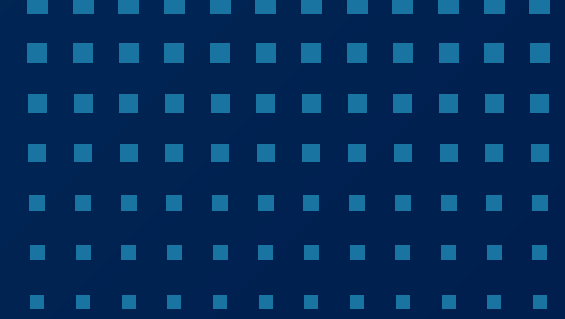
BOMB THREATS

EMERGENCY FIRE

INTERNAL HAZARDS

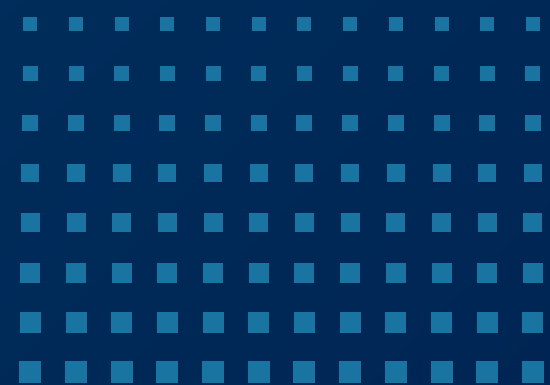


## INCIDENTS ARE ON THE RISE



# THE PROBLEM.

In a critical incident, communication often relies on multiple steps — report to office, decision made, PA announcement delivered. This creates delays, confusion, and uncertainty. Staff may not be near phones, may not hear announcements, and incidents don't always occur near the front office.



During a emergency situation, who makes the call?

How is the message delivered?

What happens if the office is the location of the incident?

# P.T.E.A.S. KEY BENEFITS



**ANN** | **M308 - Pattison Technology Demo**  
**07:49:09** | **LOS3**  
**02 Mar** | **Shelter In Place**  
**2026** | **Shelter In Place Alarm Active**



Emergencies expose communication gaps. Delays, unclear message and reliance on outdated systems can cost valuable time when it matters most.

Timely and effective alert notification and procedure implementation are critical.



Immediate communications to staff and students



Removes potential confusion and miscommunication



Ability to enable an alert at the coalface of an incident


# WIRELESS IS BEST

- INDEPENDENT
- REDUNDANT
- RELIABLE

Transmitters and repeater operate on radio frequency 915-928 MHz using Frequency Hopping Spread Spectrum (FHSS) technology. This range ensures reliable communication by hopping across 20+ channels

Broad range of trigger devices include transmitters with hard wired alarm contacts, motion detectors, single button, dual button and 4 button pendants, fixed hold-up buttons and accessories.

## The Power of Wireless

 1.5km+ Long Range

 No Network Needed

 Battery Backed

 Works During Power Outage

# BUTTON TRANSMITTER



Available in single, 2-button, or 4-button remotes, each device can be fully programmed to suit your site's specific emergency needs. Alerts can range from panic and medical assistance to lockdown or evacuation, with location-specific descriptors if required. Notifications are delivered within seconds for immediate response, and long-life lithium batteries provide up to three years of operation.



Alerts delivered  
within seconds



3 years of operation



Single, 2-button or  
4-button remotes

# APP NOTIFICATIONS

## NODE TYPES

P.T.E.A.S. uses two main node types to ensure reliable, site-wide coverage:

- Repeater Nodes extend signal range across the entire site (up to 1.5km+), are plug-and-play, require only a power point, and include battery backup to operate during power outages.
- Head End Node receives alerts and is typically installed near the PA system for immediate action and reset capability. It is also plug-and-play, power point operated, and battery backed for uninterrupted performance.

Together, the nodes provide scalable coverage, simple installation, and reliable operation even during mains power loss.

The system integrates with the FireM platform to deliver instant, targeted alerts directly to staff via a mobile app. Alerts can be filtered so the right messages reach the right people — whether it's a whole-site lockdown or a specific medical assistance request. Notifications alert override Mobile phone's locked/silent mode, operate independently of the sites IT network, and remain functional during power outages thanks to battery-backed hardware.

# THE NEXT STEP

Please call Pattison Technology on 1300 766 660 to arrange site visit and detailed survey. We will work with you to evaluate what elements are needed to best support your Emergency Alert System goals.

We can then develop a proposal for presentation and review.

Please note we have a special discount offer for the first 10 installations, offer ends 30 June 2026.

We look forward to hearing from you.