

# Lockdown Security Systems & Procedures



## Lockdown Security Systems



## As a result of the escalating threat of firearms, weapons and terrorist attacks in the workplace, a Dynamic Lockdown Procedure provides an effective strategy to rapidly restrict access to the premises.

### What is a Dynamic Lockdown Procedure?

In response to the increasing risks of firearms, weapons and terrorist attacks in the workplace, educational campuses and risk-sensitive buildings, the need for robust and effective procedures to protect staff and customers and to minimise risk is, sadly, now an essential consideration here in the UK.

A **Dynamic Lockdown Procedure** provides an effective plan to quickly restrict access to and movement throughout a building (or specific area within a building) through actions and physical measures in response to an imminent threat.

### Why should you develop a Dynamic Lockdown Procedure?

**Lockdown Procedures** are becoming increasingly more critical due to the growing threat of firearms, weapon and terrorist attacks - particularly towards risk-sensitive, high profile and highly populated buildings.

As those seeking to undertake an attack will often require a level of advance planning, all opportunities to detect and deter such threats should be considered - such as day-to-day staff awareness, effective CCTV/surveillance use, deterrent communications and active security zones.

However, 100% prevention of attack cannot be fully guaranteed and, therefore, the ability to frustrate and delay attackers during the course of an attack, and to place students and staff in a safe and secure place to reduce potential casualties, can be hugely affected by a robust and effective **Dynamic Lockdown Procedure**.



### What to consider in planning a Lockdown Procedure:

- How to achieve effective full or partial lockdown of the environment / building
- How to communicate with staff, colleagues, visitors, students, etc., as to what is happening in the initial stages and during any attack
- Training staff on the procedure
- **STAY SAFE** principles: Run - Hide - Tell (see opposite page)

### Communication with staff during Lockdown is key:

Ensuring fast, clear communication when engaging and during a Lockdown Procedure is essential in order to ensure effective actions and to help build confidence during such an intense situation.

A variety of communication methods are recommended (some of which may already be available resources in the premises) and can be supplied as part of a scalable Lockdown Security System to meet your specific needs.

#### Consider:

- Public Address System (PA system) - using a microphone
- Pre-defined dedicated alarm tone or pre-recorded message
- Intercom and Access Control systems with audio capabilities
- Existing internal messaging systems such as text messages, email, staff phones
- Digital signage systems
- 'Pop-up' messages on staff computers
- Word of mouth

### Train your staff on your building's Lockdown Procedure:

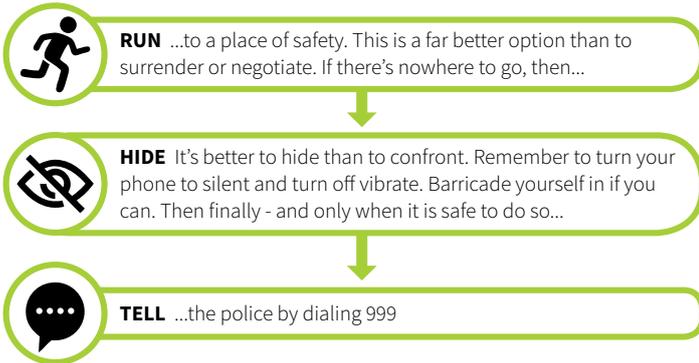
The fast moving nature of an attack means that it is imperative that staff are able to react quickly and effectively. Training staff on your building's individual Lockdown Procedure is key.

- Train all staff using the 'Stay Safe' principles (see opposite page)
- Ensure all staff and students are aware of what is expected of them and what their roles and responsibilities are in the event of Lockdown Procedure
- Check all staff understand the process and procedure
- Regularly test and exercise plans with staff
- Regularly review and refresh training



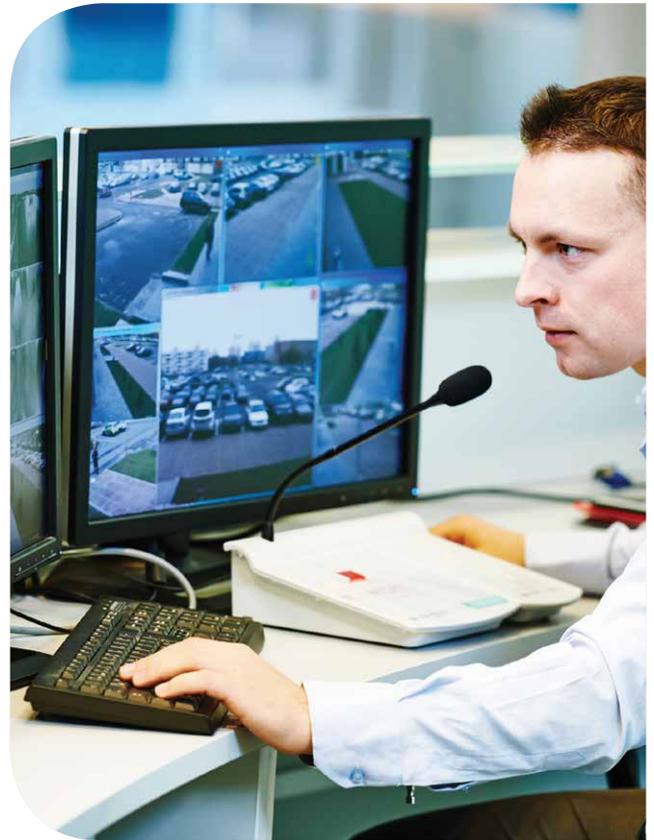
## 'Stay Safe' principles - 'Run - Hide - Tell'

The National Police Chiefs' Council (NPCC) has published simple guidelines and a video on the principles of 'RUN - HIDE - TELL' to provide guidance should a weapons or terrorist attack occur...



## How to develop a Dynamic Lockdown Procedure

- Identify clear communication options to all staff
- Identify how to quickly secure all access points (using locks, access control systems, door bars or furniture, for example)
- Identify how your site can be split into zones to allow specific areas to be locked down (as opposed to just the entire site)
- Ensure clear roles and responsibilities for all staff form part of your Procedure
- Effective training on your procedure should regularly be delivered to all staff
- Stopping people entering or leaving the site and directing people away from the danger
- Procedures should be flexible enough to deal with the unknown and fast-changing situations
- As part of the planning of your individual Lockdown Procedure, you should identify all access and egress points in the public and private areas of your building or campus. Remember that access points may be more than just doors and gates (such as windows, roof lights, etc)





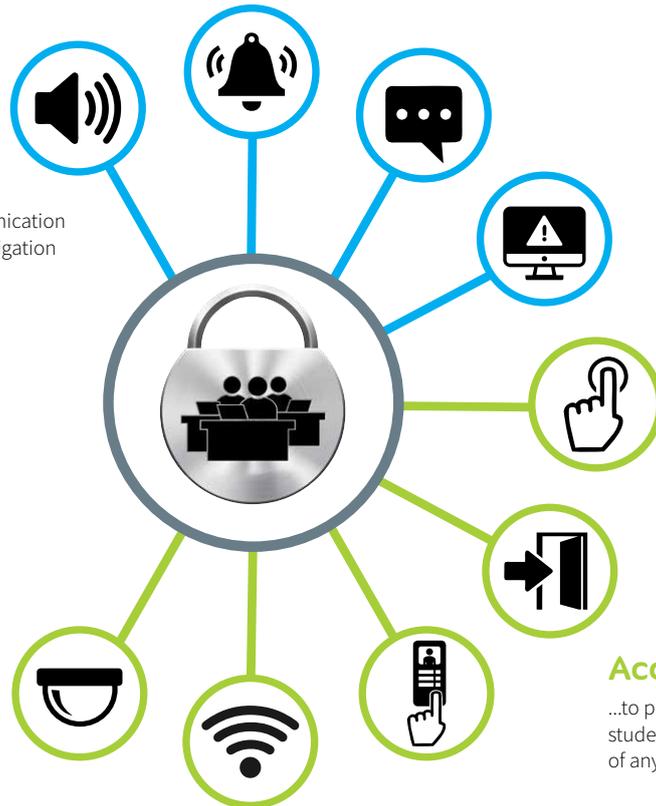
## What is a Lockdown Security System?

Understanding the distinction between a Lockdown **Procedure** and a Lockdown **System** - and how the two should be combined - is key to providing the most effective and cohesive overall solution. Whereas a **Lockdown Procedure** focusses on establishing a defined series of actions, a **Lockdown System** can employ a wide variety of resources and technologies to greatly improve the communication and access control measures.

The fundamental components of a Lockdown System can be categorised into two main groups - Communication & Access Control...

### Communication

...to provide the most effective, clear communication to staff, students, visitors, etc both at the instigation and throughout a Lockdown Procedure.



### Access Control

...to provide the most secure environment for staff, students & visitors and to inhibit the access/egress of any attackers.

## What technologies can be applied to a Lockdown Security System?



**Public Address/Audio Systems** - including 100v line, EN54 & IP audio



**Bell Timing Systems**



**Personal Messaging Systems** such as text, email or pop-up notifications



**Visual Warning Systems** such as digital signage, dot matrix displays or beacons



**Automatic Activation Systems** such as electric doors, access control or mag. lock systems



**Door Monitoring Systems**



**Video Door Entry Systems**



**Wireless Distress Systems** such as personal distress call devices



**CCTV and Surveillance Systems**

## Designing the right Lockdown System for your premises/your procedure...

**CIE AV Solutions** is one of the UK's leading experts in audio, security and access control and has a huge wealth of experience in designing and supplying professional systems for corporate, retail, residential and educational premises throughout the nation.

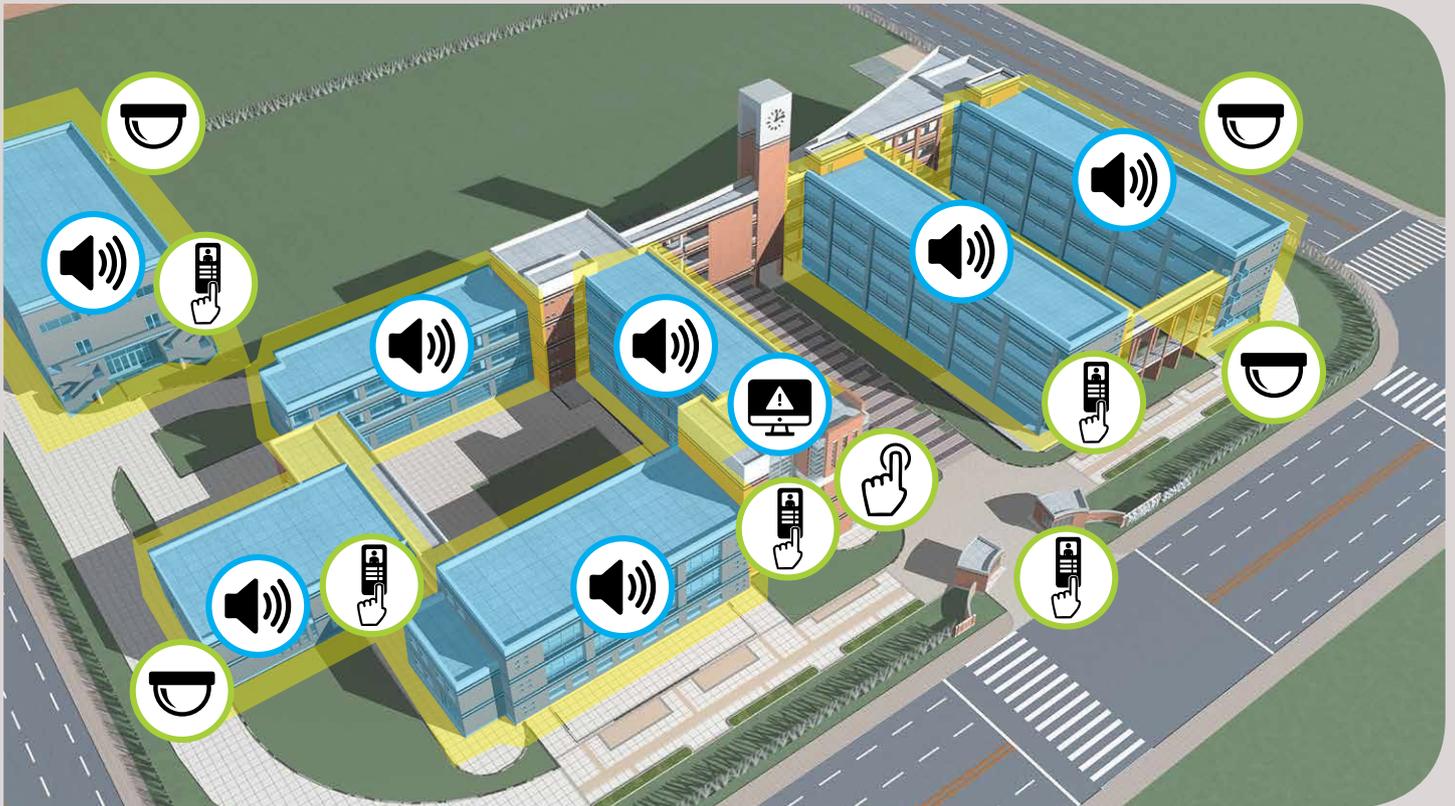
Our standpoint with regards to providing effective Lockdown Systems is that 'one size does not fit all' and, therefore, we consider every project to be unique.

## Your Lockdown requirements are unique

Our team of expert system designers work in partnership with professional security and AV installers to design and deliver a high quality Lockdown System based on the needs of your premises, your individual Lockdown Procedure, as well as any additional increased risk factors.

Each Lockdown System we supply is based on a detailed site survey of your building, during which we will consider any existing communication / security systems and resources already in place which could be utilised as part of the system.

Our solutions are entirely scalable, based on size of building, individual Lockdown Procedure, risk factors and budget and will draw from the full range of technologies available to achieve the most effective and cohesive solution to meet your needs.



## Free system design support for your Lockdown System

CIE AV Solutions is one of the UK's leading providers of integrated audio visual and access control systems. Our award-winning team of system designers provide a free specification & design service to help you develop the best Lockdown System for your environment using existing or new infrastructure.

Our team will help to specify a Dynamic Lockdown System tailored to meet the individual needs of your premises.



Call us today on T. 0115 9770075 or go to [www.cie-group.com](http://www.cie-group.com)

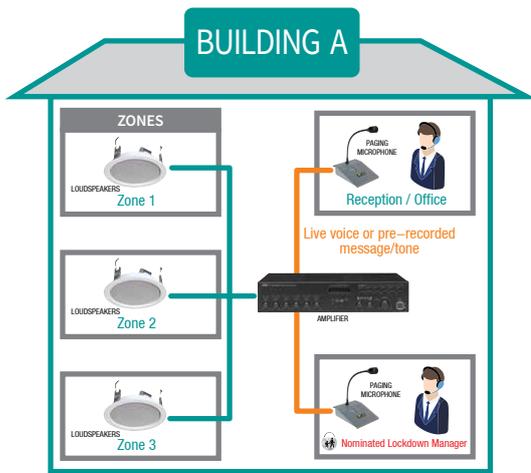


## Fully scalable, project-specific Lockdown Security Systems

CIE AV Solutions provides a huge range of fully scalable, project-specific Lockdown Systems, designed around the size and layout of your premises, any existing infrastructure, risk levels and budget and - most importantly, designed to fully support the criteria of your written Lockdown Procedure.

From a basic public address system to provide building-wide communication, to integration with bell timing systems, to a fully integrated communication, access control and surveillance system, we have the expertise, skills and product range to meet your individual Lockdown System requirements.

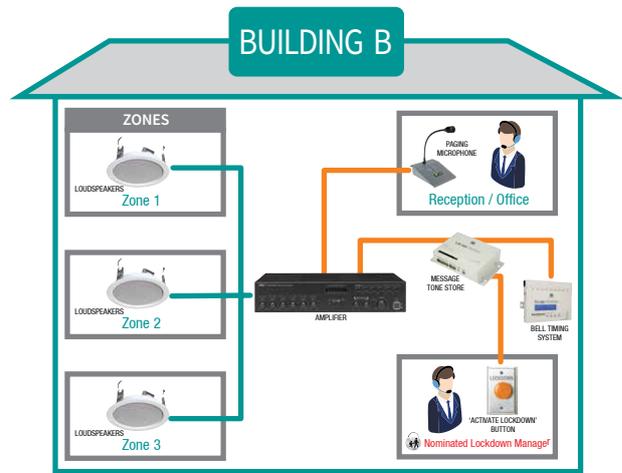
The following systems are simply examples of the scale and options available to provide improved communication and access control as part of your Dynamic Lockdown Procedure...



### Public Address System

A standard distributed audio (public address) system is perhaps the simplest solution to provide building-wide clear communication to all staff, students, visitors, etc.

It allows for immediate warning of Lockdown Procedure being engaged and for updates throughout the premises as any situation reaches resolution.

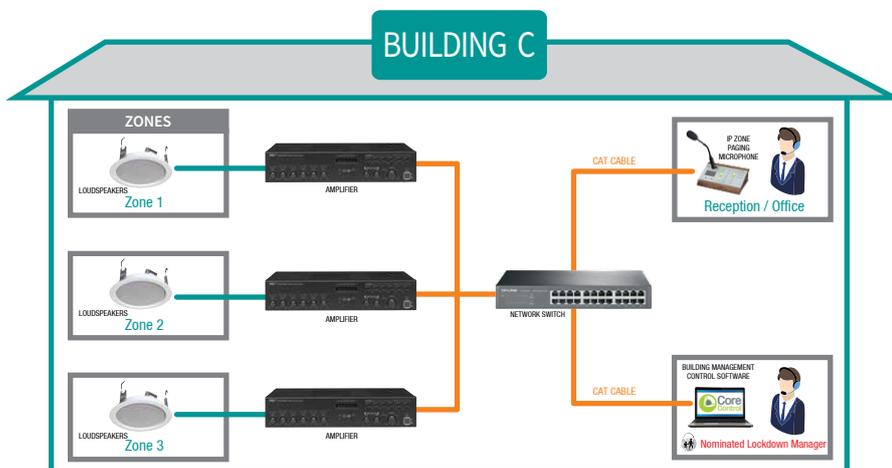


### 'One-button' triggered Audio System

This example shows a Lockdown System and Bell Timing System combined.

The Bell Timing System allows for pre-set bell or tones for class/shift-change notification, as well as providing an alternative alarm, message or tone to warn of Lockdown Procedure being engaged.

This example features both microphone and 'One-button' Lockdown trigger, allowing for the Lockdown 'alarm' to be set-off using alternative sources.

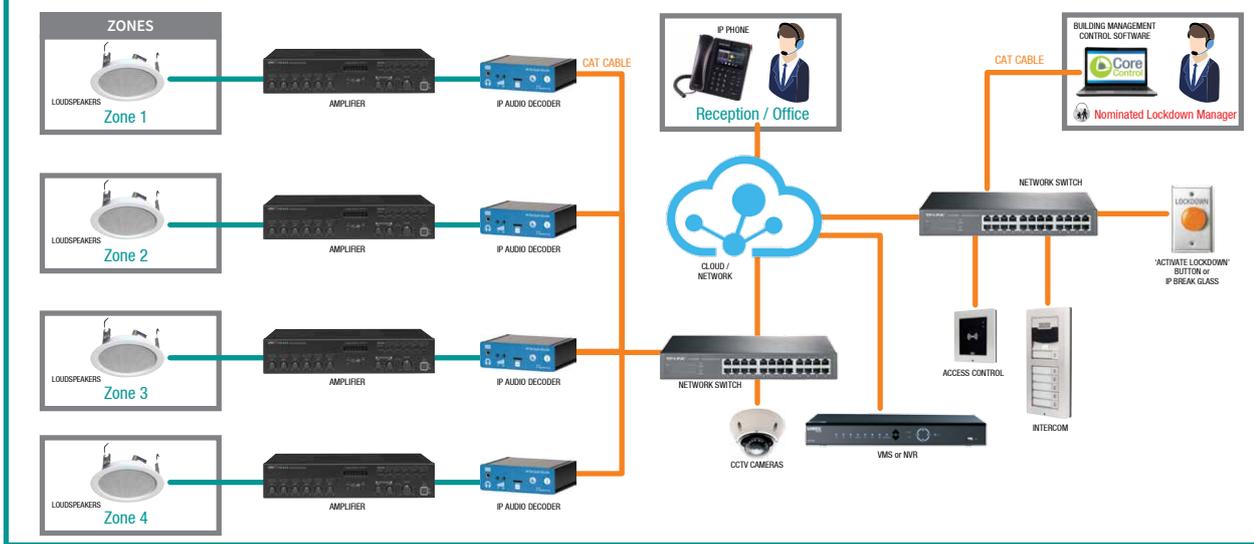


### 'Hybrid' network audio System

This 'hybrid' audio system example utilises both standard 100v line audio together with the latest network audio technology.

Such a system is often used to combine existing public address infrastructure with network building management systems such as CIE's own 'Core Control' software system (see details opposite).

## BUILDING D



## Fully integrated Dynamic Lockdown System

The below example combines communication and access control devices over a standard network infrastructure, to provide a fully-integrated Dynamic Lockdown System.

Featuring a combination of 100v line & network audio, door entry & intercom, standard IP telephone systems and CCTV, this example of an integrated Lockdown System not only offers multiple-layer Lockdown functionality, but can also be used for additional operations including class-change, door entry/access control, messaging and much more.



## Core Control IP Building Management Software

To provide the most interactive and integrated building management and Lockdown System, CIE has developed **Core Control** - our very own IP-connected Building Management System.

Core Control is a professional Building Management Control application for scheduling and triggering IP-connected devices such as Audio-over-IP, access control systems, intercom systems, public address, lighting, fire alarm and time & attendance systems.



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CIE-Group Ltd 3 Widdowson Close Blenheim Ind Est Bulwell Nottingham NG6 8WB England

T: +44(0)115 9770075 F: +44(0)115 9770081 E: [info@cie-group.com](mailto:info@cie-group.com) W: [www.cie-group.com](http://www.cie-group.com)

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