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## Overview

This document serves to communicate the standards for ordering, installing, and configuring Code Blue emergency phone call boxes at Lehigh University. It will describe requirements by both Lehigh's Library and Technology Services and Police for deploying Code Blue emergency phone call boxes.

## Reference Documents

- LTS Communications Infrastructure Standards: CIS
  - References accurate for Rev. 2019.11.04
- Code Blue CB 5 Series Administrative Guide
  - [https://codeblue.com/wp-content/uploads/gu-158\\_CB5\\_Series-Admin\\_Guide.pdf](https://codeblue.com/wp-content/uploads/gu-158_CB5_Series-Admin_Guide.pdf)
- Code Blue CB 4 Series Administrative Guide
  - [https://codeblue.com/wp-content/uploads/gu-160\\_CB4\\_Series\\_Admin\\_Guide.pdf](https://codeblue.com/wp-content/uploads/gu-160_CB4_Series_Admin_Guide.pdf)

### 1. Code Blue CB 5 Tower Configuration and Ordering Standard

- 1.1. Code Blue CB 5 Tower location must be reviewed and approved by both LTS and Police
- 1.2. All Code Blue CB 5 Towers must be connected to PoE with connection to switch running with generator connection
- 1.3. All quotes must be generated by LTS
- 1.4. All quotes must be reviewed and approved by LTS and Police
- 1.5. Unless exceptions by LTS, all Code Blue CB 5 Tower Parts Standard is as follows
  - 1.5.1. Base CB 5-s Unit

Unit Type: CB 5-s  
Finish: Safety Blue  
Graphic Text: EMERGENCY 2 Sided  
Graphic Color: White  
Speakerphone: IP5000 FP1 Single Button PUSH FOR HELP Bezel  
Communication: IP Ethernet  
Power: Power over Ethernet (PoE)  
Incoming Voltage: 12VDC  
Lighting: Strobe Light Blue Lens  
Accessory: Single Overhead Camera Mount

- 1.5.2. Code Blue Dual Overhead Camera Adapter Part #41181. Finish: Safety Blue color
- 1.5.3. Code Blue Horizontal Mount Adaptor (Access Point Adaptor) Part #SLNF14742-01, Finish: Safety Blue color
- 1.5.4. Aruba AP-375 Wireless Access Point
- 1.6. Optional Police Cameras
  - 1.6.1. Police will determine if the installation will require cameras
  - 1.6.2. Police will provide the camera model required
  - 1.6.3. Police will provide camera hardware and installation quote
  - 1.6.4. Code Blue Vertical Mount Adaptor (Vertical Mount Extension) Part #SLNF14742-02, Finish: Safety Blue color
- 1.7. Shipping and receiving of Code Blue CB 5-s Towers
  - 1.7.1. Unless prior special arrangements have been made, Code Blue CB 5-s Tower must be shipped to:

Attention: Patrick M. Murphy  
610-392-3673  
1515 Mountain Drive North  
Bethlehem, PA 18015

Note: Shipping company must provide a truck which has a lift gate

## **2. Code Blue CB 5 Tower Deployment Standard**

- 2.1. Contractor Responsibilities
  - 2.1.1. PA One Call: Excavator is required by law to call to have lines located (Section 5 of PA Act 287) 3 business days notice prior to the start of excavation
  - 2.1.2. Provide 1 1/4" conduit to Code Blue CB 5 Tower

- 2.1.3. Handles moving and installing the CB 5 Tower
  - 2.1.3.1. Unless special prior arrangements, CB 5 Tower will be shipped to 1515 Mountain Drive North, Bethlehem PA 18015
  - 2.1.3.2. Contractor responsible for moving CB 5 Tower from 1515 Mountain Drive North, Bethlehem PA 18015 to site
- 2.1.4. Installations must follow Code Blue CB 5 Series Administrative Guide:  
[https://codeblue.com/wp-content/uploads/gu-158\\_CB5\\_Series-Admin\\_Guide.pdf](https://codeblue.com/wp-content/uploads/gu-158_CB5_Series-Admin_Guide.pdf)
  - 2.1.4.1. Failure to follow Code Blue CB 5 Series Administrative Guide will void Lehigh University warranty
- 2.2. LTS Responsibilities
  - 2.2.1. Unless special project arrangements have been made, LTS will provide 4 CAT 6/6A cables by following the LTS Communications Infrastructure Standards
    - 2.2.1.1. CAT 6/6A cable handoffs must be at the mount locations
    - 2.2.1.2. Unused mount opening must be capped with 1 ½ Pipe Threaded Cap, Safety Blue color
  - 2.2.2. Unless special project arrangements have been made, LTS will install Aruba AP-375 Wireless Access Point
  - 2.2.3. LTS to program and test emergency phone
  - 2.2.4. LTS to add emergency phone to Code Blue Toolvox monitoring solution
- 2.3. Police Responsibilities
  - 2.3.1. Police provide caller ID and 911 location information to LTS for newly programmed phone
  - 2.3.2. If cameras will be installed, Lehigh Police will be responsible for making arrangements for camera installation at the camera mount
    - 2.3.2.1. CAT 6/6A handoff will be at the camera mount during the initial installation
- 2.4. Facilities Responsibilities
  - 2.4.1. Update GIS plans for Emergency Phone
  - 2.4.2. Facilities will notify LTS and Police when emergency phone has been added to GIS plans

### **3. Code Blue CB 4-r Wall Mount Enclosure Configuration and Ordering Standard**

- 3.1. Code Blue CB 4-r Wall Mount Enclosure location must be reviewed and approved by both LTS and Police
- 3.2. All Code Blue CB 4-r Wall Mount Enclosures must be connected to PoE with connection to switch running with generator connection

- 3.3. All quotes must be generated by LTS
- 3.4. All quotes must be reviewed and approved by LTS and Police
- 3.5. Unless exceptions by LTS, all Code Blue CB 4-r Wall Mount Enclosure Parts Standard is as follows
  - 3.5.1. Code Blue CB 4-r, surface call box station, safety blue color, white lettering "EMERGENCY"
  - 3.5.2. Code Blue IP5000 FP1 "PUSH FOR HELP"
  - 3.5.3. Code Blue Power over Ethernet (PoE)
- 3.6. Shipping and receiving of Code Blue CB 4-r Wall Mount Enclosure
  - 3.6.1. Unless prior special arrangements have been made, Code Blue CB 4-r Wall Mount Enclosure must be shipped to:

Attention: Patrick M. Murphy  
610-392-3673  
1515 Mountain Drive North  
Bethlehem, PA 18015

Note: Shipping company must provide a truck which has a lift gate

#### **4. Code Blue CB 4-r Wall Mount Enclosure Deployment Standard**

- 4.1. Contractor responsibilities
  - 4.1.1. Unless special project arrangements have been made, LTS to provide Code Blue CB 4-r Wall Mount Enclosure
  - 4.1.2. Code Blue CB 4-r Wall Mount Enclosure building installations require coordination with facilities
  - 4.1.3. Installations must follow Code Blue CB 4 Series Administrative Guide:  
[https://codeblue.com/wp-content/uploads/gu-160\\_CB4\\_Series\\_Admin\\_Guide.pdf](https://codeblue.com/wp-content/uploads/gu-160_CB4_Series_Admin_Guide.pdf)
    - 4.1.3.1. Failure to follow Code Blue CB 4 Series Administrative Guide will void Lehigh University warranty
  - 4.1.4. CAT 6/6A cable(s) must follow the LTS Communications Infrastructure Standards
- 4.2. LTS Responsibilities
  - 4.2.1. LTS to program and test emergency phone
  - 4.2.2. LTS to add emergency phone to Code Blue Toolvox monitoring solution
- 4.3. Police Responsibilities
  - 4.3.1. Police provide caller ID and 911 location information to LTS for newly programmed phone
- 4.4. Facilities Responsibilities

- 4.4.1. Provide blue light and stanchion (if stanchion is required)
- 4.4.2. Update GIS plans for Emergency Phone
- 4.4.3. Facilities will notify LTS and Police when emergency phone has been added to GIS plans