CAPSAHEALTHCARE

C36-430 Wall Cabinet Workstation

User Manual

Warnings

IMPORTANT – Indicates a situation that does not present any hazard but is very important in maintaining a well functioning workstation.

ATTENTION – Consult manual to avoid a potentially hazardous situation which may result in minor or moderate injury.

ELECTRICAL – Indicates an impending electrical hazard which, if not avoided, may result in personal injury, fire and/or death.

- Contact the Facility Engineer for direction on mounting locations and methods prior to installing any wall tracks or equipment.
- The shipping weight of this unit is 86 lbs (39 kg). Use proper lifting techniques to prevent injury.
- The supplied power cord is rated for medical use. Connecting the cord to an outlet that is not medical grade (indicated with a green dot) will not ensure grounding protection (locking cabinet only).
- Power cord, USB extension, and workstation are for INDOOR use only. **DO NOT** OPERATE OUTDOORS.
- Keep power cord away from water. **DO NOT** PLUG CORD INTO OUTLET IF WET.
- **DO NOT** OPERATE PRODUCT IF WET. If the WORKSTATION becomes wet, unplug it immediately, wipe off any excess liquid, and allow it to dry before using again.
- Inspect power cord before integration. **DO NOT** USE POWER CORD IF DAMAGED.
- Fully insert power cord plug into outlet. **DO NOT** unplug by pulling on cord. **DO NOT** remove, bend or modify any metal prongs or pins of power cord.
- **DO NOT** use excessive force to make mechanical or electrical connections
- **DO NOT** use an electrical extension cord with your workstation
- **DO NOT** use a flammable cleaner on the station as it can result in fire or explosion

Table of Contents

Installation

BOX CONTENTS

x2 **B**

Taped inside of cabinet

A   Cabinet

B   CPU Security Key

* **C**   Wall Cleat

** **D**   Cabinet Lock Override Key

E   Mounting Template

F   Fixed Hardware Kit

G   Height Adjustable Hardware Kit

x6 **F1**   x6 **F2**

x6 **F3**

F1   #14 x 3" Pan Head Wood Screw

F2   1/4 – 20 x 2.00 Phillips Pan Head Screw

F3   Wall Anchor

x4 **G1**   x4 **G2**

x4 **G3**

G1   Flat Head Wood Screw

G2   1/4 – 20 x 2.00 Phillips Flat Head Screw

G3   Wall Anchor

***Note:** For Fixed Height cabinets ONLY.
****Note:** For Locking cabinets ONLY.

Installation

Release Handle　　Auto-Retract Solenoid*　　Keypad　　Monitor Bracket

IR Module

Override Lock**

Keyboard Platform　　Mouse Pad　　Tinted Monitor Cover

*Note: For cabinets with Auto-Retract ONLY.
**Note: For Locking cabinets ONLY.

5
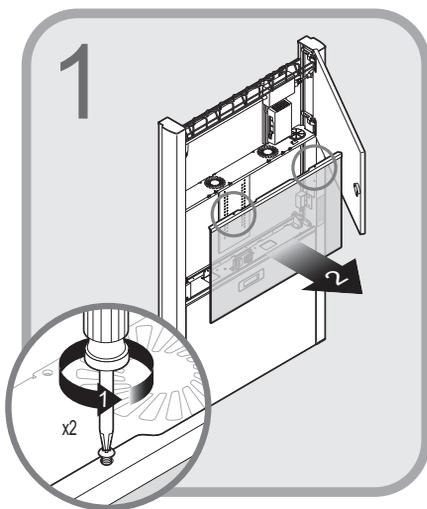
Installation

1. Remove two screws from top of tinted monitor cover.
2. Remove tinted monitor cover.
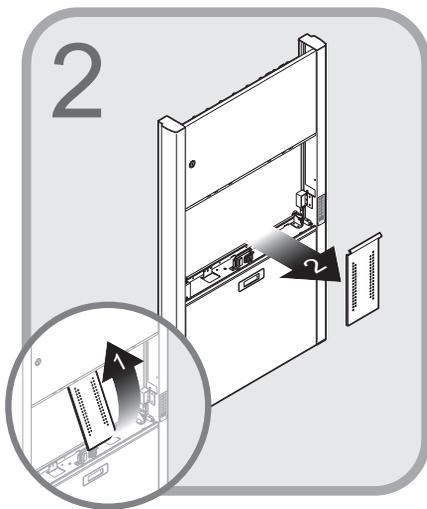
1. Lift (1) and remove (2) monitor bracket.

Note: For *Fixed Height Wall Cabinet i*nstallation, go to page 7.

**Note:** For *Height Adjustable Wall Cabinet* installation, go to page 9.

Installation

Note: Consult a Facilities Engineer regarding structural codes and utilities.

Use the black portions of the mounting template (E) to mark drill hole locations. Set line is measured from the floor to the black bold line as shown. Note outlet locations and dimensions on mounting template. Mark and drill 6 holes.
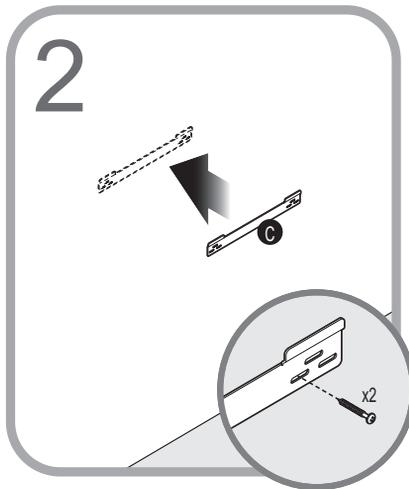

Note: For steel stud, all six wall anchors (F3) must be installed before proceeding.

Mount wall cleat (C) using pan head hardware provided.

Note: Use part wall anchor (F3) and machine screw (F2) for steel stud installation. Use wood screws (F1) for wood studs.

7

Installation

FIXED HEIGHT WALL CABINET

3

Hang the wall cabinet (A) onto the wall cleat.

4
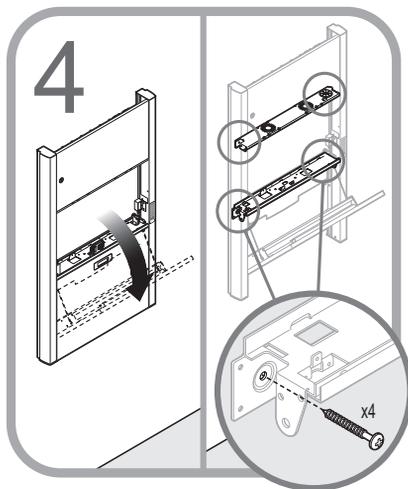
⚠️ Fold down keyboard tray half way to access mounting holes. Insert four screws to secure the cabinet crossmembers.

**Note:** Use machine screws (F2) for steel stud installation. Use wood screws (F1) for wood studs.

x4

Installation
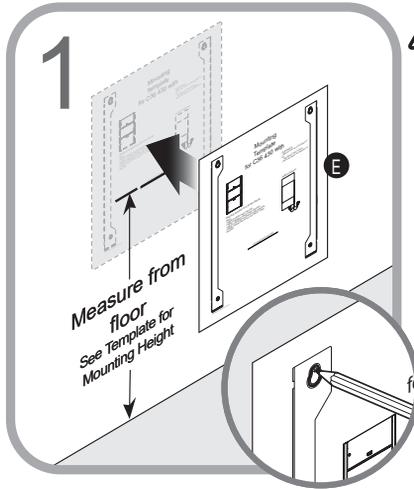
Note: Consult a Facilities Engineer regarding structural codes and utilities.

Use the red portions of the mounting template (E) to mark drill hole locations. Set line is measured from floor to the red bold line. Note outlet locations and dimensions on mounting template. Mark and drill 4 holes.
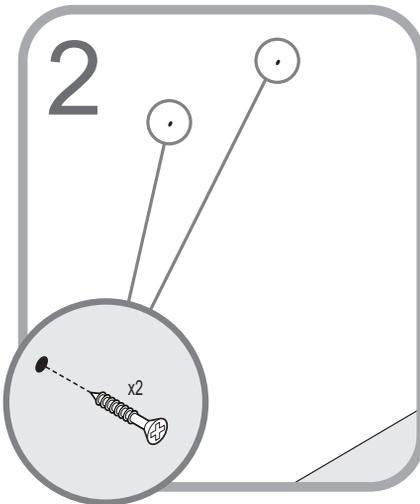
Note: For steel stud installation, four wall anchors (G3) must be installed before proceeding.
Start screws in top locations only. DO NOT tighten.

Note: Use wall anchor (G3) and machine screws (G2) for steel stud installation. Use wood screws (G1) for wood studs.

Installation
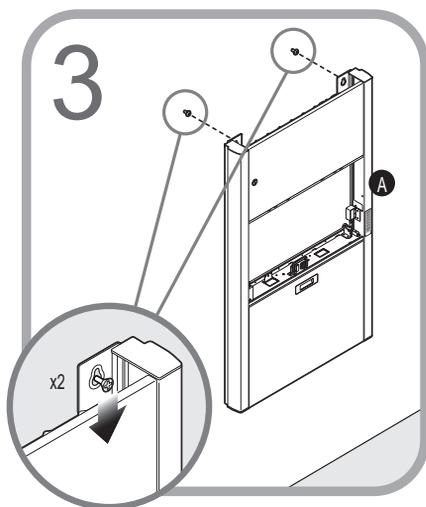
Hang the wall cabinet (A) on the top two screws.
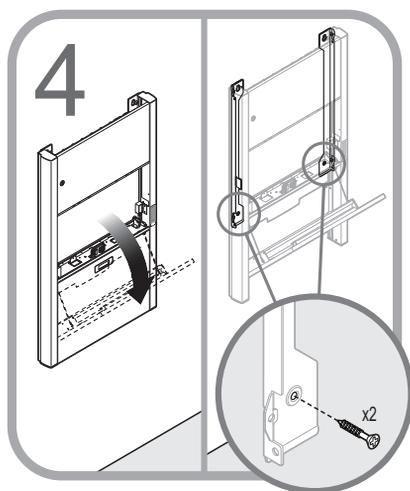
Fold down keyboard tray half way to access mounting holes. Insert bottom two screws to secure the cabinet shuttle. Tighten all four screws.

Note: Use machine screws (G2) for steel stud installation. Use wood screws (G1) for wood studs.

Installation
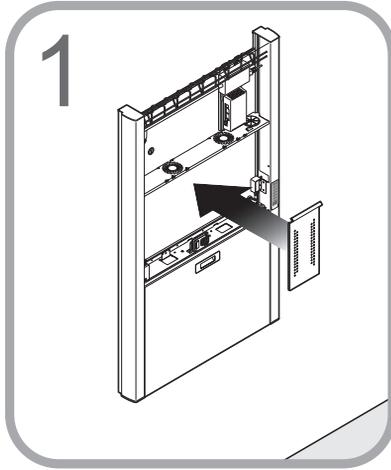
Replace the monitor bracket.

Note: The user's monitor needs to be attached to bracket, then hung in cabinet. See the Integration section for details.
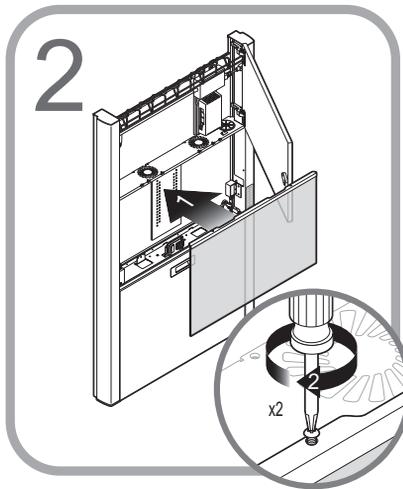
1. Replace tinted monitor cover.
2. Replace two screws on top of tinted monitor cover.

Integration

TECHNOLOGY SCHEMATIC

Power Cable   Power Strip*   Cable Grommet   Video Cable   Monitor

Mouse

CPU

USB Extender   Keyboard   Power Cord**
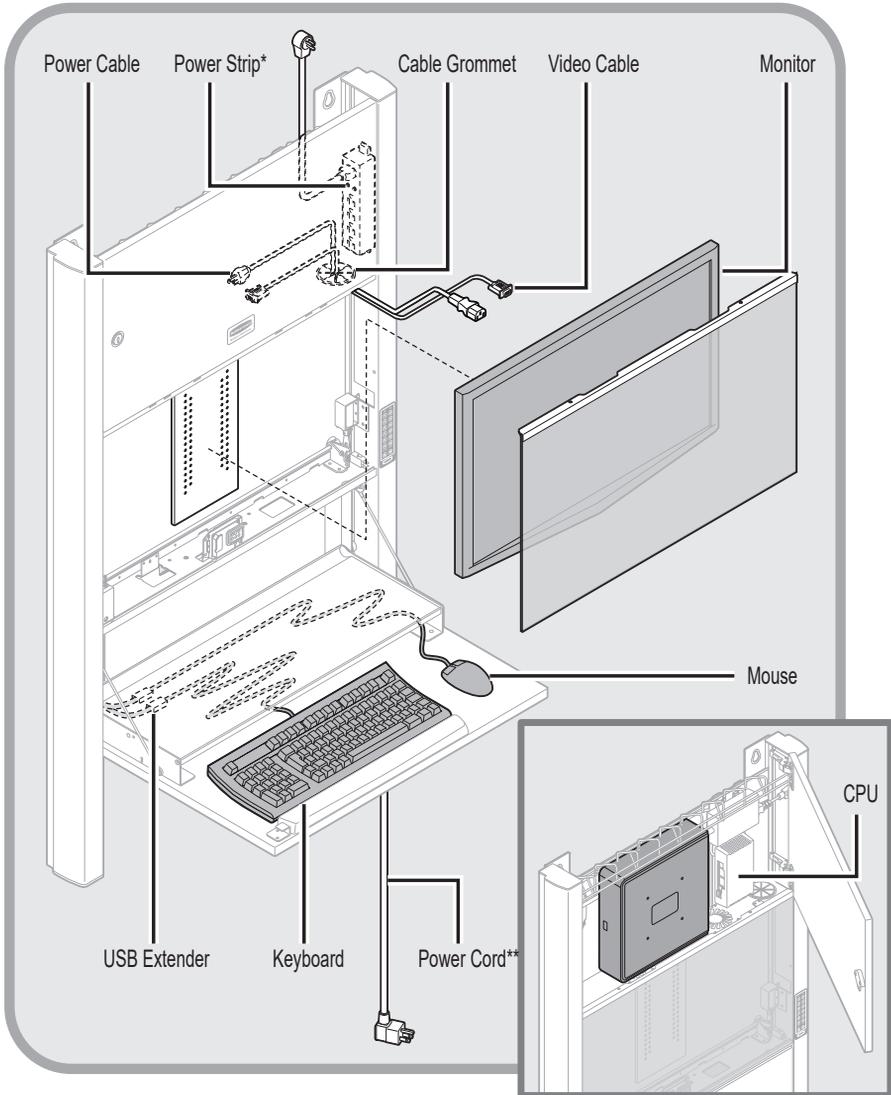
*Note: For Fixed Height cabinets ONLY.
**Note: For Height Adjustable cabinets ONLY.

Integration

SPECIFICATIONS

|	
Power Cord (Height Adjustable)	1 m length, medical grade right angle NEMA plug to C-13 plug, 120V AC, 6.3 A, 60 Hz
Power Cord (Fixed Height)	2', medical grade right angle NEMA plug (Illuminated for power indication) to C-13 plug
Power Strip	NEMA 5/15 outlets with inline fusing
Power Indication (Powered Sku's)	Green LED light mounted in the monitor cabinet to provide power status
2 Fuses Rated	6.3 A 250 V 5 mm X 20 mm ceramic
Power Indication (Base Model)	Illuminated Right Angle NEMA power plug
USB (Control Board)	USB A to Mini-B
USB Peripherals	2 - USB A male to USB A female (extension)
VGA / DVI Cable	Per customer technology requirements
Monitor Bracket	25 lbs (11.3 kg) max; VESA 75 mm & 100 mm
Keyboard Platform	Accommodates 1.75" H x 18" W x 8" D (4.5 cm x 45.7 cm x 20.3 cm) USB keyboard
Work Surface	24.5" W x 9.4" D (62.2 cm x 23.9 cm)
Mouse Area	7" W x 9.5" D (17.8 cm x 24.1 cm)
Technology Cabinet	Accommodates CPUs up to 12" W x 10" H x 2.8" D (30.5 cm x 25.4 cm x 7.1 cm)

TECHNOLOGY INTEGRATION

Integration

A1
OPTIONAL
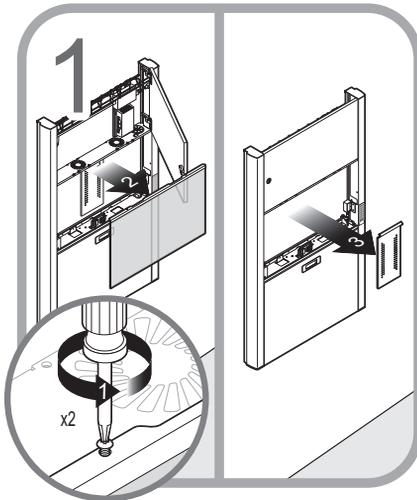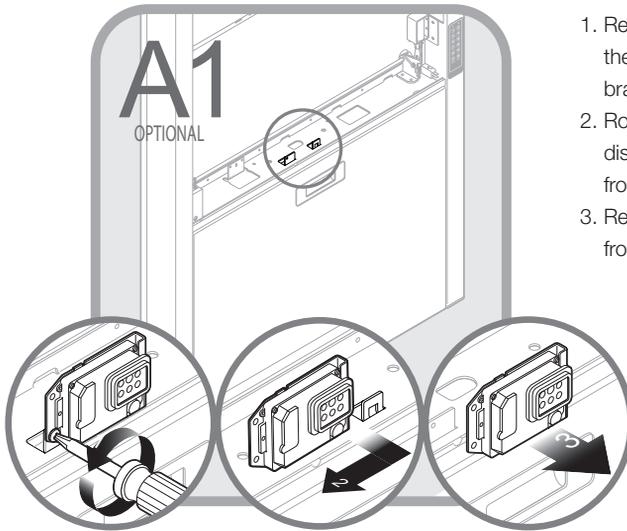
1. Remove the screw securing the IR module to the bracket.
2. Rotate the IR module to disengage the metal tab from the notch.
3. Remove the IR module from the bracket.

A2
OPTIONAL
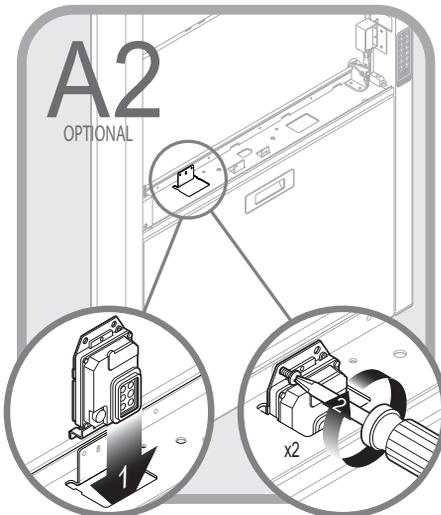
1. Rotate the IR module so the two screw holes are facing up.
2. Lower and align the two screw holes in the IR module with those on the bracket.
3. Mount the IR module to the bracket using two Phillips screws.

Integration
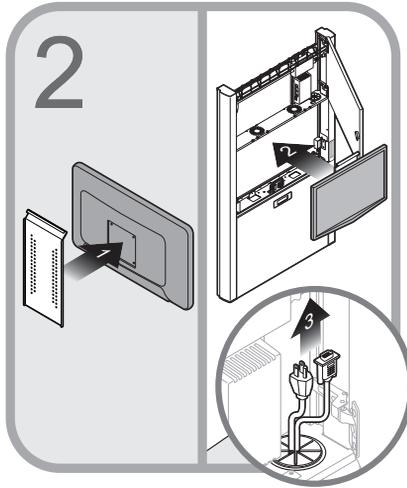
1. Attach the monitor bracket to monitor.
2. Place the monitor inside the wall cabinet.
3. Route power and video cables through the cable grommet.
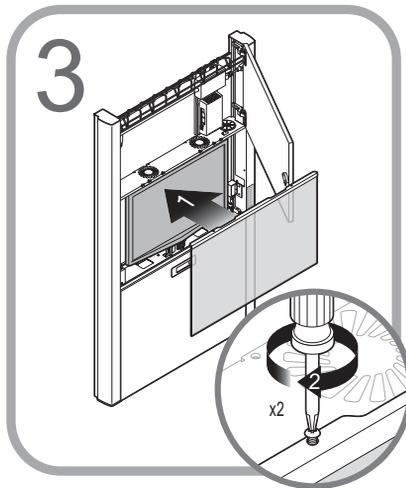
1. Replace the tinted monitor cover.
2. Replace two screws on top of tinted monitor cover.

Integration
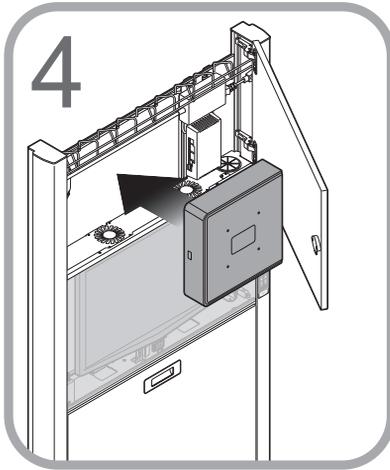
Place CPU into cabinet. Make the necessary electrical connections.

Note: If the installed computer will be used to configure and monitor the wall cabinet. Do not connect the cabinet controller USB cable to the computer until the LDCSecureIT application has been installed.
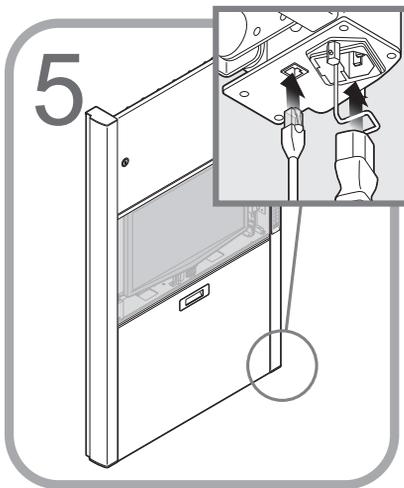
For Height Adjustable Cabinets

Connect power cord to bottom of cabinet. If needed, connect optional CAT5e cable (not provided).

Integration

TECHNOLOGY INTEGRATION
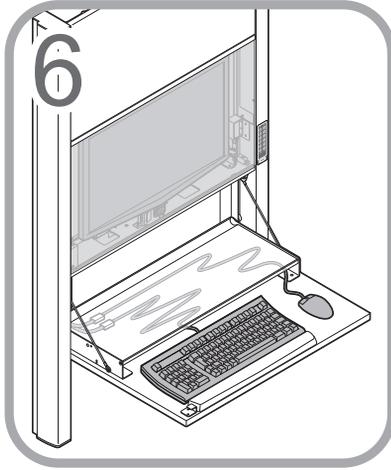
Place keyboard and mouse into keyboard platform. Plug the USB connectors into the pre-wired USB extenders. Bundle excess cables and tuck under the worksurface.

Note: Secure keyboard to drawer with Velcro® to avoid slipping.

Configure the Controller

The wall cabinet controller may be configured and managed with an external computer or the computer installed in the wall cabinet. The LCDSecureIT application used to access the cabinet controller may be installed on either the installed pc or on an external maintenance pc.

Note: LCDSecureIT System Requirements: Windows XP Pro, Windows 7 Pro (32-64 bit) or above. LDCSecureIT must run on an administrative logon.

Install the LCDSecureIT Software:

⚠ **DO NOT** connect the controller USB cable at this point.

1. Double click the LCDSecureItSetup.msi file, then follow the prompts.
2. When the software installation is complete, connect the USB cable to the computer and the cabinet controller. Wait for the driver request.

To Test the installation:

1. Restart the computer.
2. Start the LCDSecureIT program.

You may change the controller settings and add and remove PINs. (See the sections that follow).

Note: If the installation is not successful, uninstall LCDSecureIT, then restart the computer. Attempt to reinstall LCDSecureIT a second time. If necessary, contact Capsa Healthcare support.

Connect an External PC (Optional)

1. Disconnect the USB cable from the cabinet controller.
2. Start the LCDSecureIT application.
3. Connect the USB cable from the external pc to the cabinet controller.
4. Configure the cabinet controller as necessary or add/remove PINs.
5. Disconnect the USB cable from the cabinet controller.
6. Connect the installed computer USB cable to the cabinet controller.
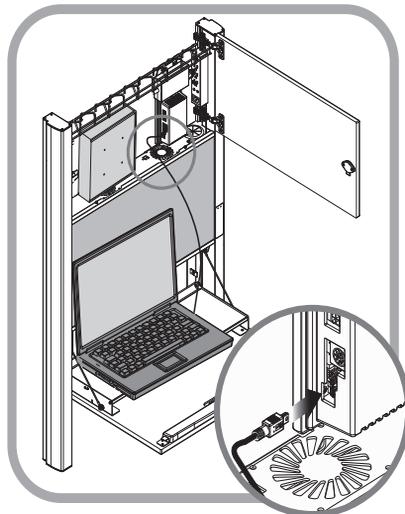
Configure the Controller

Start the LCDSecureIT application:

1. Click the **Windows** Button.
2. Click on *All Programs*, then scroll to and open the *Rubbermaid Medical Solutions* folder.
3. Click on the *LCDSecureIT icon* [ ] to start the software.
4. Double click on the LCDSecureIT icon located in the notifications area at the bottom right of the screen.
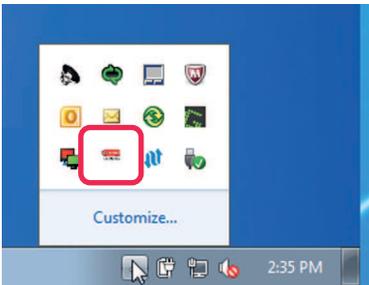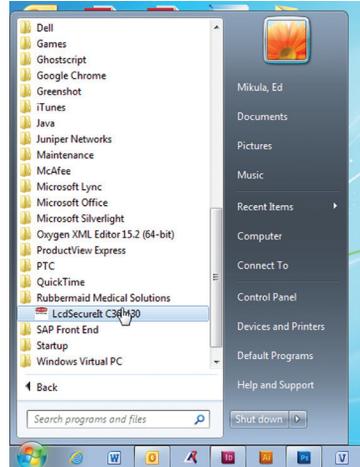
The LCDSecureIT screen is displayed.

Note: An LCDSecureIT icon will be displayed in the notifications area at the bottom right.

Note: If the LCDSecureIT icon is not visible, click on the arrow at the left of the notifications area to open the notifications tray to expose the icon.
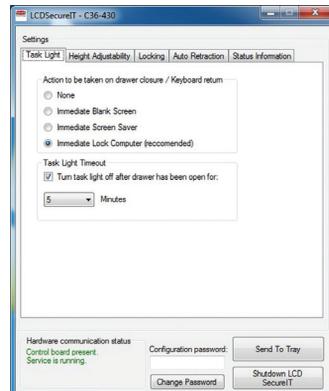
Configure the Controller

To display the LCDSecureIT screen, double click the LCDSecureIT icon [icon] located in the notification area at the lower right-hand corner of the screen.

Access the Controller configuration settings

Click on the tabs at the top to access the various controller configuration settings. There are five tab options:

1. **Task Light**
2. **Height Adjustability**
3. **Locking**
4. **Auto Retraction**
5. **Status Information**

Configuration Access Password

Access to the cabinet controller settings can be password protected. If the controller is password protected, when the computer is connected to the controller the tabbed portion of the LCDSecureIT screen will be blank (until the correct password is entered.)
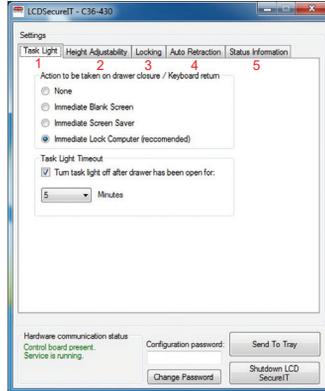
To enter the password:

1. Enter the password in the *Configuration Password* field located at the bottom of the screen.
2. Click on OK?

Note: The tabbed portion of the UI is displayed when the final digit of the correct password is typed.
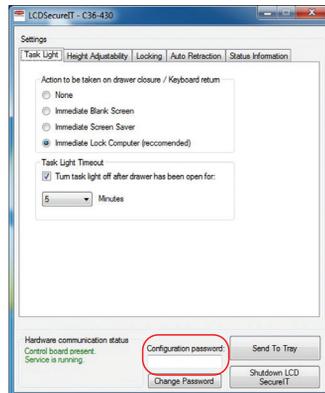
Configure the Controller

To Change Configuration Access Password:

1. Click the **Change Password** button.
2. Click in the **Old Password** field and enter the existing password (or leave blank if no password was set).
3. Tab to or click in the **New Password** field and enter the new password.
4. Click the **Change** button to store the new password and return to the LCDSecureIT screen.

Click the **Cancel** button to discard the new password and return to the LCDSecureIT screen.
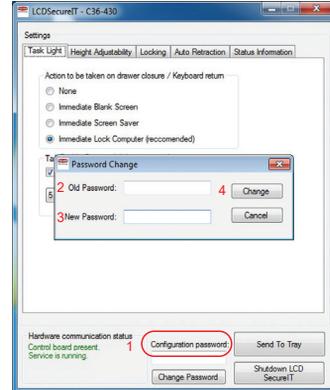
Send to Tray Button

The **Send To Tray** button (1) is used to close the LCDSecureIT screen. The software will remain active in the background. To close the LCDSeureIT screen, click the **Send To Tray** button.

To reopen the LCDSecureIT screen, double click the LCDSecureIT icon located in the notifications area at the bottom right of the screen.

Exit the LCDSecureIT Application

The **Shutdown LCDSecureIT** button (2) is used to exit the LCDSecureIT application.

To exit the LCDSecureIT application, click the **Shutdown LCDSecureIT** button.

Configure the Controller

Task Light Setup

There are four options:

1. **None** (no action taken)
2. **Immediate Blank Screen**
3. **Immediate Screen Saver** - Select **Resume, Password Protect** under screen saver options if user ID and password is required.
4. **Immediate Lock Computer Screen**

You can adjust the duration of time the light will stay on at any given instance (default is 5 minutes). The password section is not applicable in this situation (non-locking cabinets).
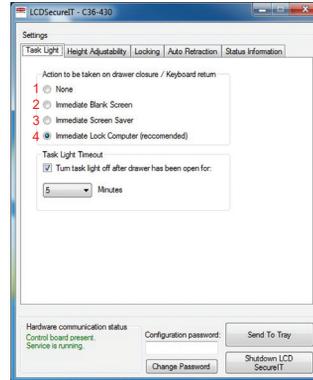
Note: The *Immediate Blank Screen* and *Immediate Screen Saver* options are enabled after a five second delay to allow the keyboard tray enough time to close.

Height Adjustability Setup
(Height adjustable models ONLY)

1. **Cabinet Current Limit** - Allows administrators to define how much weight will be applied before the cabinet will stall.
2. **Cabinet Up / Down Speed** - Limits control how fast the cabinet moves up or down.
3. **Cabinet Height Auto Return** - Allows administrators to set the timer that will return the cabinet to maximum height when the cabinet is left unattended.

Note: The cabinet can be stopped during an auto-return by pressing any button on the keypad.
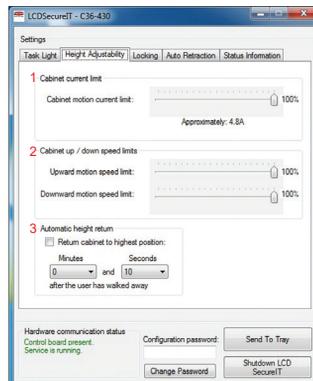
Configure the Controller

SOFTWARE SETUP

Locking Setup

1. **Locking Timeout** - Enables locking feature and time duration when cabinet will lock.
2. **PIN Code Management** - Allows administrators to import/export pin code list to/from the cabinet.
3. **Pin List** - Manages PIN codes on the cabinet.

Note: Refer to the *Programmable Controller/Lock* section for more details.

Auto Retraction
(Auto-Retract models ONLY)

Retraction timeout - Enables the auto retraction feature and time duration when the drawer will close.
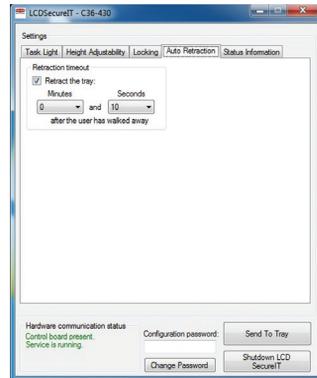
Status Information

1. **Drawer Is Open/Closed** - Gray, no control board is present; red, drawer is closed; green, drawer is open.
2. **Drawer Is Locked** - Gray, no device is detected; red, drawer is locked; green, drawer is unlocked.
3. **User Presence Status** - Gray, no device is detected; red, user is not present; green, user is present.
4. **Tasklight Status** - Gray, no device is detected; red, tasklight is off; green, tasklight is on.
5. **Version Information** - Lists software, firmware and hardware revision versions.
6. **Upgrade Firmware** - A service utility for use by trained service and IT technicians.
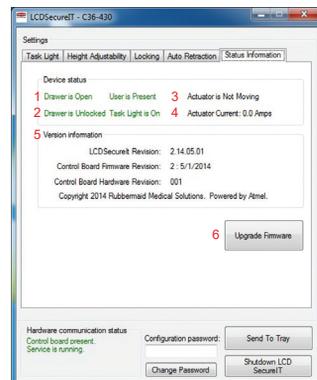
Configure the Controller

PIN CODE - LOCKING CABINET ONLY

Green LED

Red LED

Numeric Buttons

Clear Button

Lock Button

Raise Height
Note: For Height
Adjustable wall
cabinets ONLY.

Lower Height
Note: For Height
Adjustable wall
cabinets ONLY.
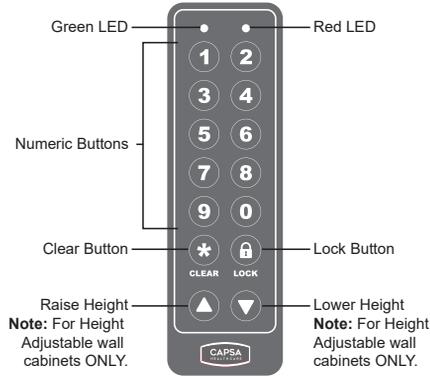
Programming Functions

Configure the Controller

Locking Timeout

1. **Lock the Tray:** Check this box to enable locking feature. Uncheck to disable.
2. **Minutes and Seconds:** This feature determines how long after a user walks away from the cabinet before the cabinet locks. Dropdown box allows administrators to select anywhere from 5 seconds to 15 minutes.

PIN Code Management

3. **Copy PIN Codes from File to Device:** This feature allows administrators to import pin code list into the cabinet.
4. **Copy PIN Codes from Device to File:** This features allows users to download all pins from this product (cabinet specific) to the local computer for backup.

PIN List

5. **Digits in a PIN:** Determines the length of PIN codes (4 to 10 digits limitation).
6. **Get List from Board:** Populates a list in the pin list column from the control board. PIN list will show how many pins are stored on the control board below the list box.
7. **PIN Addition:** PIN entry is added here. User will add a pin defined around the number of digits defined in the *Digits in a PIN* section.
Note: Once user has determined the PIN code, the **Add to List** button will be pressed to populate to the PIN list.
8. **Remove Selected Button:** In the PIN list section, highlight a pin selected for removal, then click **Remove Selected** button to delete entry.
9. **Commit Changes Button:** Use this when all changes have been finalized. This will upload any PIN entries/deletions to the control board.
10. **Pin List and Pins Loaded:** List of all PINs stored on the control board and number of PINs on control board.

Operation

HANDLE RELEASE
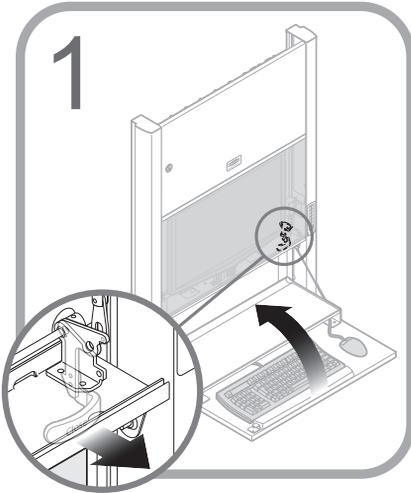
To close keyboard tray, pull release handle.

Note: The tray will close automatically when the release handle is pulled.

AUTO-RETRACT
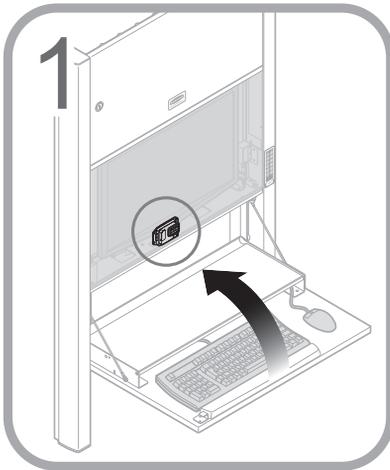
If the IR module does not detect activity after the preset amount of time, the auto-retract feature will close the keyboard tray.

Operation

ADJUSTING HEIGHT POSITION
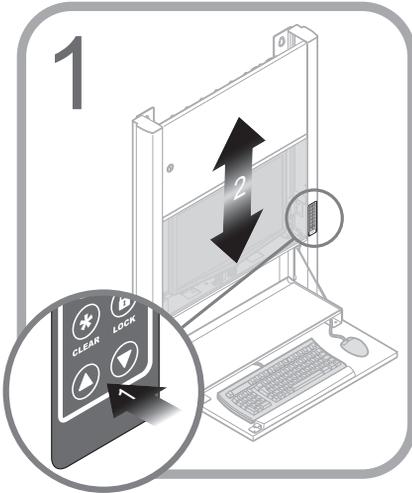
Press the **Up** or **Down** button on the keypad (1) to adjust height position (2).

OVERRIDE LOCK
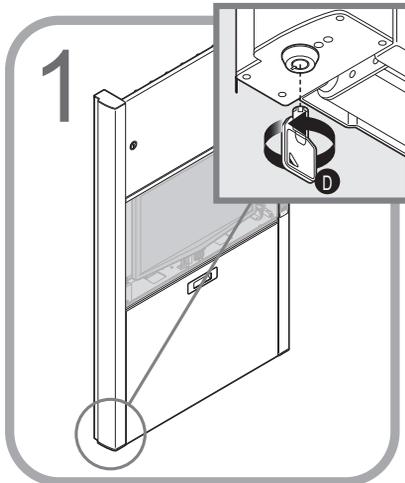
If the keypad becomes inoperable, the override lock can be used to open the keyboard platform.

Maintenance

⚠️ **DO NOT** use the workstation if pieces are missing or the unit is damaged. In these cases, immediately contact Capsa Healthcare Customer Service for more information: 800-437-6633.

Cables: Always keep the cables neatly organized and be sure to route cables away from moving components with wire ties or cable clips.
Electric Cables: Periodically inspect power cord and plug to ensure plug is not bent and cable is not frayed.

Cleaning

⚠️ **CAUTION:** Because of the close proximity of electrical power and equipment, flammable cleaners should never be used on the workstation.

• Verify that your workstation is unplugged from the wall outlet before cleaning
• Allow your workstation to dry completely before plugging the power cord into a wall outlet
• When cleaning the workstation, wipe surface with a damp cloth and thoroughly dry
• **NEVER** cover the workstation or its components with liquid or allow liquids to flow into the workstation
• **NEVER** use steel wool or other abrasive material as these could damage the surface finish
• Before using any cleaner on the workstation, first test on a small area to ensure that the surface is not harmed
• These guidelines cannot guarantee infection control. The hospital's Infection Control Administrator should be consulted regarding cleaning procedures and schedules.
• Clean plastic components with diluted, non-abrasive solutions. Suggested cleaners are water, soap, diluted bleach and alcohol solutions.
• Remove pen and dry erase marker stains with a soft cloth and 91% isopropyl alcohol
• Remove iodine stains with a soft cloth and any cleaners suggested above

⚠️ **DO NOT** use the following chemicals to clean your workstation: acetone, mineral spirits, abrasive cleansers, paint thinner or any other harsh or toxic chemicals.

WOOD PANEL CARE
Harsh, abrasive and undiluted cleaning products may cause damage to Deco Lam® and the contact adhesive.

Pine Sol® and Simple Green® are cleaners that have been approved for use on Deco Lam®. A 30-1 ratio of water to cleaner is highly advised. Recommend water and a clean towel as a cleaning alternative to homeowners.

Troubleshooting

Problem	Solution
Software does not show connectivity to task light	Check the communications cable.
	Unplug and reconnect the communications cable to establish communications
	Check that automatic detection in software is enabled and verify connectivity.
	Check firmware version - update firmware if necessary.
Solenoid does not fire	Check membrane connections.
	Check that retract the tray box is checked.
	Check retraction time out time.
PIN code entry problems	Check connections.
	Check PIN code list in software.
	Check that lock the tray box is checked.
	Check that the digits in the PIN box and the number of digits being entered is equal.
Cabinet lock does not function	Check connections.
	Press lock button and re-enter pin code, then press lock again.
	Check that lock the tray box is checked.
	Check timing of lock cycle.
Keypad does not function	Check connections.
	Look for LED status indicators
	Unplug and reconnect membrane cable.
Linear actuator does not function	Check connections.
	Check for power to control board.
	Check that there is not excessive weight applied to the cabinet or obstructions in the way of travel.
	Check that speed limitations settings in software.
	Check membrane connector.
IR sensor does not operate	Check connections.
	Look for LED status indicators.
	Adjust gain control on IR sensor to adjust output.
Software does not operate	Restart computer.
	Uninstall/reinstall software.
	Check firmware version of task light/control board.

Troubleshooting

Problem	Solution
Top door needs adjustment for alignment	Open the top door and locate the 2 hinges on the right side. To adjust the door up or down use the inside screw of the hinges. To adjust the door right or left use the outside screw on the hinges.
No Power	Check cable connections to power supply in the top cabinet.
Keypad lock not working	Use override key on the bottom left side.
Lift is not working	Ensure power cables are connected and power is available.
Unit does not function	Check power supply.
	Check wall outlet for power.
	Check USB communications cable.
	Check connectivity/communications with software.
Power supply does not turn on	Check power input cable.
	Check wall outlet for power.
	Check fuses at cabinet power inlet.
Software does not show connectivity to control board	Check USB communications cable.
	Check power supply.
	Check that the control board is not in bootloader mode - remove power from control board, wait 60 seconds and reconnect power.
	Check firmware version - update firmware if necessary.

Service

SERVICE REQUEST
Please visit our website at: www.capsahealthcare.com/service to file a request for parts.

SERVICE LEVEL COMMITMENT
Capsa Healthcare is committed to providing best-in-class service. This document details our standard warranty and instructions on how to request service using our customer support system.

Warranty

LIMITED WARRANTY FOR WALL MOUNTED WORKSTATIONS
Capsa Healthcare is pleased to offer a five-year warranty on durable components and a two-year warranty on electronic components.

If during the warranty period this Capsa Healthcare product proves defective in materials or workmanship under normal use by the original purchaser, please contact Capsa Healthcare technical support at www.capsahealthcare.com/service (please be sure to complete all information, including product serial number, description of the issue, and full contact information). Capsa Healthcare will determine, at its sole discretion, how to best address your warranty issue, which may include sending you a replacement part covered under warranty or for sale. Capsa Healthcare reserves the right to require proof-of-purchase prior to honoring any warranty request. This warranty does not cover product abuse, modification, failure to adhere to product instructions, or improper operation/misuse. Capsa Healthcare SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or country to country.

SERVICE DETAILS

Consumable components are not covered under warranty and include:
• Cable grommet
• Back panel of cabinet
• Door lock and key
• Pull latch for bottom door

All other standard components will be replaced under the applicable warranty following a filed service request.
*The above terms for replacement parts applies to facilities located in the United States. All other customers should contact the appropriate reseller for the terms of part replacement.

Standards Compliance

NRTL

o UL 60601-1 - Issued:2003/04/25 Ed:1 Rev: 2006/04/26 UL Standard for Safety Medical Electrical Equipment, Part 1: General Requirements for Safety

o CSA C22.2 No. 60601-1 - Issue: 2008/02/01 Ed:2 Medical electrical equipment - Part 1: General requirements for basic safety and essential performance; COR 2: 2011/06/01

o IEC 60601-1-1 - Issued:2000/12/01 Ed:2 Medical Electrical Equipment - Part 1-1: General Requirements for Safety - Collateral Standard: Safety Requirements for Medical Electrical Systems

IEC/EN 60601-1-2 (Ed. 2): 2001 +A1: 2004 - Medical electrical equipment Part 1-2: General requirements for safety - Collateral standard: Electromagnetic compatibility

o Conducted Emissions - Conducted Voltages (CISPR 11/ EN 55011 (CV))

o Radiated Emissions - Electric Fields (CISPR 11/ EN 55011 (RE-E))

o Electrostatic Discharge Immunity Test - (IEC 61000-4-2)

o Radiated, radio-frequency, electromagnetic field immunity test (IEC 61000-4-3)

o Electrical Fast Transient/Burst Immunity Test (IEC 61000-4-4)

o Surge Immunity Test (IEC 61000-4-5)

o Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6)

o Power Frequency Magnetic Field Immunity Test (IEC 61000-4-8)

o Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests (IEC 61000-4-11)

FCC

PART 15, Subpart B, Class A – Unintentional Radiators

PRODUCT CLASSIFICATION

o Class 1/ Internally powered device with no applied parts.

o This equipment is designed for continuous operation.

o Class A, Group 1 ISM Equipment

o This device is classified IPXO for water ingress

o Input 500 Watts North America

o Input Voltage 120 Vac 60Hz

Transport/Storage

- Care should be taken to transport and store this system within a temperature range of 32º F to 90º F (0º C to 32º C); humidity 0% RH to 95% RH non-condensing.

- The shipping weight of this unit is approximately 86 lbs (39 kg). Use proper lifting techniques to prevent injury.

STATEMENT OF USE

The 430 Wall Mounted Work Station is designed and manufactured by Capsa Healthcare. Capsa Healthcare's goal is to elevate your performance by offering innovative solutions that positively impact clinical effectiveness and enhance medication management processes throughout all healthcare environments.

- The 430 Wall Mounted Work Station is designed for safe use in general patient areas for the purpose of clinical data entry and retrieval
- The 430 Wall Mounted Work Station is not intended for home use
- The 430 Wall Mounted Work Station operates from AC power sources
- The 430 Wall Mounted Work Station has no potential electromagnetic or other interference risks when operated according to guidelines covered in this instruction manual

Notes

Notes

800.437.6633
www.CapsaHealthcare.com