CAUTION

POWER REQUIREMENTS — Before connecting the device to the power line, check that the voltage and frequency ratings of the power line are the same as those indicated on the unit's label. If this is not the case, do not connect the system to the power line until you adjust the unit to match the power source.

In the U.S.A., if the installation of this equipment will use 240 V rather than 120V, the source must be a center-tapped, 240V, single-phase circuit.

This equipment is suitable for connection to public mains as defines in CISPR 11.

CAUTION

RESTRICTED SALE — U.S. federal law restricts this device to sale by or on the order of a physician.

CAUTION

SECURITY — The web browser which runs in conjunction with the ApexPro server is intended for hospital INTRANET use only. If confidential patient information is made available from the hospital intranet, the security of the data is the responsibility of the hospital.

CAUTION

SUPERVISED USE — This equipment is intended for use under the direct supervision of a licensed health care practitioner.

CAUTION

UNINTENTIONAL RADIO FREQUENCY (RF)

INTERFERENCE — Unintentional RF interference could degrade the reliability and performance of the wireless data link. The facility must maintain an RF environment free from unintentional interference. Refer to the service manuals for more information.

CAUTION

VENTILATION REQUIREMENTS — Set up the device in a location which affords sufficient ventilation. The ventilation openings of the device must not be obstructed. The ambient conditions specified in the technical specifications must be ensured at all times.

Notes

Note statements provide application tips or other useful information.

The following note statements apply to this system.

- Put the CIC Pro center in a location where you can easily see the screen and access the operating controls.
- This product is not likely to cause abnormal operation of other patient-connected equipment such as cardiac pacemakers or other electrical stimulators. Exceptions are noted in the pacemaker monitoring section, if applicable.
- This product is protected against the effects of cardiac defibrillator discharges to ensure proper recovery, as required by test standards.
- This equipment is suitable for use in the presence of electrosurgery.

Equipment symbols

NOTE

Some symbols may not appear on all equipment.

\triangle	ATTENTION: Consult accompanying documents.
÷	TYPE B APPLIED PART: Non-isolated applied part suitable for intentional external and internal application to the patient excluding direct cardiac application.
Λ	[Medical Standard Definition:] Applied part complying with the specified requirements of IEC/ EN/UL 60601-1 Medical Standards to provide protection against electric shock, particularly regarding allowable leakage current.
-↓ ● ↓	TYPE CF APPLIED PART: Isolated (floating) applied part suitable for intentional external and internal application to the patient including direct cardiac application. "Paddles" outside the box indicate the applied part is defibrillator proof.
	[Medical Standard Definition:] F-type applied part (floating/isolated) complying with the specified requirements of IEC/EN/UL 60601-1 Medical Standards to provide a higher degree of protection against electric shock than that provided by Type BF applied parts.
L INTFC.	Interface connector(s)
IPX3	Complies with IPX3 standards (IEC 60529) for protection against water ingress under test conditions; water sprayed at an angle up to 60 degrees on either side of the vertical axis shall have no harmful effects, with device not in actual use.
IPX7	Complies with IPX7 standards (IEC 60529) for protection against water ingress under test conditions; immersion in one meter of water for 30 minutes, with device not in actual use.
	Operation of this equipment requires the prior coordination with a frequency coordinator designated by the FCC for the Wireless Medical Telemetry Service.
((()))	Non-ionizing electromagnetic radiation: To indicate elevated, potentially dangerous, levels of non-ionizing radiation. Note - In case of application in a warning sign the rules according to ISO 3864-1 shall be adhered to.
	IEC 60878 note: See safety sign ISO 7010 - W005 "Warning, non-ionizing radiation".

	This symbol indicates that the waste of electrical and electronic equipment must not be disposed as unsorted municipal waste and must be collected separately. Please contact an authorized representative of the manufacturer for information concerning the decommissioning of your equipment.
2005-08	This symbol indicates the date of manufacture of this device. The first four digits identify the year and the last two digits identify the month.
CUL 4P41	Medical Equipment With respect to electric shock, fire and mechanical hazards only in accordance with UL 60601-1, CAN/CSA C22.2 NO. 601.1, IEC 60601-1, IEC 60601-1, IEC 60601-2-27 and IEC 60601-2-49.
	Manufacturer name and address.
EC REP	European authorized representative.

Equipment compliance

IEC, UL, and EN 60601-1 device classification

Type of protection against electrical shock	Transmitter — Internally powered
	Receiver system — Class I
Degree of protection against electrical shock	T14 transmitter — Type CF Defibrillation proof applied part
Degree of protection against harmful ingress of water	T14 transmitter — IPX7 (IEC 60529) ¹ Receiver system — Ordinary Equipment (enclosed equipment without protection against ingress of water)
Degree of safety of application in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide	Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide
Method(s) of sterilization or disinfection recommended by the manufacturer	Not applicable
Mode of operation	Continuous operation

¹The T14 transmitter is designed to be IPX7 compliant, so it can withstand inadvertent submersion. The transmitter should not be exposed to spray or shower during patient monitoring.

FCC compliance information statement

The CARESCAPE Telemetry T14 transmitter complies with Part 95 Subpart H of the FCC rules to be used in wireless medical telemetry service. Operation of this equipment requires prior coordination with a frequency coordinator designated by the FCC for the Wireless Medical Telemetry Service.

Installation and maintenance of this transmitter should be performed by a person certified as technically qualified to perform such operations. Replacement of any transmitter component or modifications to the transmitter could result in a violation of the rules. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Use only GE approved replacement parts, non-approved parts may result in a violation of the FCC rules.

RF Exposure

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. The RF transmission power from the antenna conforms to the general public FCC limit of Specific Absorption Rate (SAR) 1.6 W/kg. The maximum SAR value measured from this device was 0.0555 W/kg. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

2 Equipment overview



Introduction

This chapter provides an overview of the equipment used in the ApexPro telemetry system. For detailed installation instructions, refer to the appropriate service manual.

ApexPro telemetry system

The ApexPro telemetry system provides clinicians with patient data while allowing for patient mobility. The system consists of the following components:

- CARESCAPE Telemetry T14 transmitters
- Enterprise Access antenna system
- ApexPro receiver system
- Server hosting the ApexPro software
- CIC Pro center
- Apex oximeter
- Xpod oximeter
- Accutracker DX blood pressure monitor
- Dinamap Pro 100, 200, 300, and 400 series monitor





Transmitters

A transmitter connects to a patient, acquires ECG data, and converts it to digital format to send the patient data and RF status signals to the antenna system. For setup information, refer to Transmitter setup on page 3-2.

There are three transmitter configurations that define the ECG lead analysis option and determine whether other devices, such as oximeters, can be connected to the transmitter's interface connector ports.

- *Single-Lead* with inactive interface connector ports (blue dust covers).
- *Single-Lead* with active interface connector ports (gray dust covers).

 Multi-Lead with active interface connector ports (gray 	dust covers).
--	---------------

For more information on ECG lead analysis options, refer to Lead analysis on page 7-16.

The two **INTFC** (interface) connector ports are used for connecting serial interface devices. The ports are labeled **1** and **2** (on the dust covers).

- 2 is the inside port, closest to the leadwire set. It is for use with episodic monitoring serial devices, such as blood pressure monitors.
- 1 is the outside port, furthest from the leadwire set. It is for use with continuous monitoring serial devices, such as oximeters.

For more information on connecting devices to the transmitter, refer to Equipment setup on page 3-1.

Antenna system

Receiver system

The antenna system sends data to the receiver system. Data is then transmitted via a dedicated Ethernet connection to the server for further processing and viewing. For more information, refer to the Enterprise Access Service manual.

The receiver system sends data via a dedicated Ethernet connection to the server for further processing and viewing. For more information, refer to ApexPro Receiver System Service Manual.

Server

A server hosts the ApexPro software. The server can be an ApexPro Telemetry Server (ATS) or a CIC Pro center with a BCM or Nightshade server.

If your system includes an ATS, the ATS receives and analyzes patient and transmitter data from the receiver system, runs the ApexPro software, stores the data and sends the data to the CIC Pro center for display. For more information, refer to the ApexPro Telemetry Server Service Manual.

If your system includes a BCM or Nightshade server, the CIC Pro center receives and analyzes patient and transmitter data from the receiver system, runs the ApexPro software, stores and displays all telemetry patient data. For more information, refer to the appropriate CIC Pro center service manual.

CIC Pro center

The CIC Pro center displays real-time data acquired from up to 16 networked GE monitors or transmitters. The CIC Pro center displays this telemetry bed patient data along with the patient data acquired from other monitors.

The transmitter number is displayed under the *ECG* parameter window and identifies the type of transmitter.

The CIC Pro center is also used to define telemetry defaults. For more information, refer to System setup on page 4-1.

Optional components

Apex oximeter

CAUTION

Do not use the Apex oximeter on neonatal patients. It is not designed for use on neonates.

An Apex oximeter can be connected to a transmitter in order to monitor the patient's pulse oximetry data and send the SpO2 data for display at the CIC Pro center. Only digital data is available; no waveforms are generated or transmitted. Digital data is stored in *Graphic Trends* and *Vital Signs*. For setup information, refer to Apex oximeter on page 3-7.

Xpod oximeter

An Xpod oximeter can be connected to a transmitter in order to measure arterial oxygen saturation (SpO2), peripheral pulse rate (PPR), and perfusion quality and send the data for display at the CIC Pro center. For setup information, refer to Xpod oximeter on page 3-7.

Accutracker DX noninvasive blood pressure (NBP) monitor

NOTE

The Accutracker DX noninvasive blood pressure monitor has been modified by SunTech Medical Instruments to operate with the ApexPro system.

An Accutracker DX noninvasive blood pressure monitor can be connected to a transmitter in order to measure the systolic and diastolic blood pressures and send for display at the CIC Pro center. Digital values are stored in *Graphic Trends* and *Vital Signs*. For setup information, refer to Accutracker DX on page 3-10.

Dinamap PRO monitors

NOTE

The Dinamap PRO monitors' alarm limits are not configurable at the CIC Pro center, but they can be silenced at the CIC Pro center. However, alarms that are silenced at the CIC Pro center will not be silenced at the monitor. Refer to the Dinamap Pro 100–400 Operation Manual for detailed information.

A Dinamap PRO 100, 200, 300, and 400 monitor can be connected to a transmitter in order to monitor SpO2, NBP, and temperature and send the data for display at the CIC Pro center. For setup information, refer to Dinamap PRO monitors on page 3-9.

3 Equipment setup



Transmitter setup

Views

The transmitter has the following buttons and LEDs:



CARESCAPE Telemetry T14 Transmitter

102A

Button/LED	Function
RL RA LA LL Va Vb N R L F Ca Cb	When first powered up, the lead LEDs flash rapidly, followed by two slow flashes. The transmitter begins functioning after the two slow flashes.
	When any of the transmitter's buttons are pushed, the lead LEDs flash twice.
	When the battery power is running low, the change battery LED flashes.
Trans and the second se	When pressed, the lead LEDs flash twice. If a lead is valid, its LED stays lit for one minute.
發	When the <i>Pause Alarm</i> condition occurs, the pause alarm LED flashes until the condition ends. See Pausing alarms at the transmitter on page 5-5.

Button/LED	Function
F	When pressed, a 20-second graph strip is printed on the writer or printer.
	When pressed with an IMPACT. <i>wf</i> paging system (version II or later) also available in the same care unit, the View on Demand feature (also called the Apex Graph Button Push feature) is enabled. The IMPACT. <i>wf</i> server generates a sample page of the patient's ECG waveform and any other enabled/monitored non-arrhythmia parameters.
	If pressed again, it generates both an IMPACT. <i>wf</i> update and a standard ECG waveform graph at the CIC Pro center. The IMPACT. <i>wf</i> update is labeled Sample for display on the IMPACT. <i>wf</i> receiver and stored in history. Additionally, all receivers assigned to the patient receive an update/sample.
*	When pressed, a blue border displays around the event bed and an alarm tone sounds at the CIC Pro center. The message <i>Remote Event</i> displays under the <i>ECG</i> parameter window for approximately ten seconds. It also generates a 20-second graph and saves the event.

Battery installation

WARNING

INGESTION OF BATTERIES— Make sure the battery compartment is closed completely and closely observe patients to prevent ingestion of batteries.

CAUTION

Never store the transmitter with the batteries inside. Storing the transmitter with the batteries inside may result in damage to the transmitter.

CAUTION

GE recommends that you always replace both batteries at the same time. Re-using old batteries or using a combination of old and new batteries in the transmitter will compromise functionality of the transmitter and increase the risk of fire hazard.

CAUTION

LED INDICATOR — Replace the transmitter batteries promptly when the *Low Battery* message is displayed at the central station or when the **Change Battery** LED flashes on the transmitter. Failure to replace the batteries before they are completely depleted will result in interrupted patient monitoring and may cause damage to the transmitter.

NOTE

- When new batteries are installed, all LEDs on the transmitter flash, then flash again twice to acknowledge the new battery installation. The flashing LEDs do not indicate good leads. You must press the Verify Leads button to check lead status.
- When the **Change Battery** LED starts flashing, the transmitter has approximately one hour of reserve power before the unit shuts down.
- When a low battery condition occurs, approximately two hours before the battery loses power, a *Low Battery* message displays at the CIC Pro center without an audible alarm. When the battery is dead, an audible system warning alarm is generated at the CIC Pro center.

For optimum performance, follow these guidelines:

- Install two new AA alkaline batteries when you begin monitoring a new patient.
- Install two new AA alkaline batteries when the Change Battery LED flashes.
- Do not use rechargeable batteries.

To install batteries in the transmitter, follow these steps.

- 1. Locate the battery cover at the bottom of the transmitter.
- 2. Slide the cover over to open the battery compartment.
- 3. Insert the batteries according to the polarity signs on the lower back side of the transmitter.



4. Close the battery cover.

Leadwire installation

The transmitter can use the following Multi-Link leadwire sets:

- Multi-Link 6-leadwire set
- Multi-Link 5-leadwire set
- Multi-Link 3-leadwire set

To install a leadwire set into the transmitter, align the leadwire pins with the connector on the top of the transmitter, then push the leadwire set firmly into the transmitter.



To disconnect the leadwire set from the transmitter, grasp the molded end or the combiner firmly and pull away from the transmitter.

Electrode attachment

1. Attach leadwires to the transmitter by plugging the Multi-Link leadwire set into the transmitter.

To use sets of Multi-Link individual leadwires, firmly press the individual leadwires into their appropriate locations on the combiner. Use the colors on the leadwires to place them in corresponding order with the colors that appear on the back of the transmitter.



308B

- 2. Attach leadwire clip to the terminal on the electrodes. Take care to attach the color-coded clips to the corresponding electrode locations.
- 3. Loop the leadwires and secure them to the patient with tape. Stress loops prevent the connection to the electrode from being loosened or pulled apart as the patient moves.

NOTE

Do not tape across the electrode.

Verify transmitter/leadwires status

CAUTION

IMPROPER TRANSMITTER/LEADWIRE APPLICATION — Applying a transmitter and/or leadwire that is not thoroughly dry to a patient can result in an electrically conductive path being established and a *Leads Fail* alarm not being provided if leadwires come off the patient.

Use the following procedure to verify transmitter/leadwires status before applying to a patient:

- 1. Connect the leadwire to the transmitter, but do not connect the leadwire to a patient.
- 2. Insert batteries in the transmitter and close the battery door.
- 3. Wait for the transmitter to start up. The LEDs will first flash rapidly and then flash slowly twice. Wait until the LEDs are done flashing.
- 4. Press the **Verify Leads** button. All the LEDs flash twice to indicate the button was pushed.
- 5. Look for LEDs that light up and stay lit.
 - If the transmitter is dry, none of the LEDs light up.
 - If you are using a 5- or 6-leadwire and it is dry, none of the LEDs light up.
 - If you are using a 3-leadwire and it is dry, only the reference LED will light up and stay lit.
 - If the transmitter is wet and an electrically conductive path is established, some of the LEDs will light up.
- 6. If any of the LEDs stay lit, make sure the transmitter is dry. Allow the transmitter to air dry if other methods are not effective.

Do not attach the transmitter/leadwire to a patient until the transmitter/leadwire is thoroughly dry.

Antenna system

Patient and transmitter status data are dependent on the telemetry system transmission coverage area. For more information on the telemetry coverage area in your institution, contact your biomedical or information technology engineers.



202A

Optional components

Xpod oximeter

Apex oximeter

CAUTION

Use only Nonin SpO2 probes with the oximeter. The reliability of SpO2 data obtained with any other probe has not been verified.

The Xpod oximeter uses the battery power supplied by the transmitter. Connect the oximeter to the **INTFC** connector (labeled 1 on its dust cover) on the transmitter and to the Nonin SpO2 probe. Once connected, follow your unit's protocol for attaching the transmitter and the oximeter to the patient.



The perfusion LED indicates the strength of the patient's SpO2 signal.

To turn the digital display on or off at any time, press the **Display On/Off** button. To turn the display on continuously, press and hold the **Display On/Off** button for 2 seconds. The flashing **Power** LED turns off.

2001989-301A- draft 1

NOTE

Using the Apex oximeter with the display on continuously will result in reduced battery life.

Battery installation

CAUTION

GE recommends that you always replace both batteries at the same time. Re-using old batteries or using a combination of old and new batteries in the Apex oximeter will compromise functionality of the transmitter and increase the risk of fire hazard.

NOTE

When the digital display starts flashing, there is approximately one hour of reserve power left before the unit shuts down.

The Apex oximeter runs on two AA alkaline batteries. Battery life is approximately 60 hours. For optimum performance, follow these guidelines:

- Install two new AA alkaline batteries when you begin monitoring a new patient.
- Install two new AA alkaline batteries when the digital display starts flashing.

To install two new AA alkaline batteries:

- 1. Locate the battery cover at the bottom back of the oximeter.
- 2. Press the latch tab and lift up to open the battery compartment.
- 3. Insert the batteries as indicated with the polarity signs within the battery compartment.
- 4. Close the battery cover.

Transmitter connection

WARNING

DUST COVERS — If the dust covers for the interface connectors become detached from the transmitter, they may pose a choking hazard for pediatric patients. Inspect the dust covers before each use to verify that they are securely attached. If the dust covers become detached and cannot be reinserted into their retaining slot, do not use them on the transmitter, and keep them out of pediatric patients' reach.

- 1. Connect the non-sensor end of the SpO2 probe into the 9-pin connector on the top of the oximeter.
- 2. Plug one end of the interconnection cable into the **INTFC** connector on the oximeter. Plug the other end into the **INTFC** connector (labeled 2 on its dust cover) on the transmitter. See Interconnection cables on page 3-10.

3. Turn the oximeter on. The digital display turns on and the power LED (horizontal bar) flashes. The digital display stays on for one minute.

Once connected, follow your unit's protocol for attaching the transmitter and the oximeter to the patient. A common method is to place them back-to-back in the same pouch and belt them on the patient.

Dinamap PRO monitors

A DINALink serial cable is used to connect the transmitter to the Dinamap PRO 100–400 series monitors. The interconnect cable connects to either of the interface ports on the transmitter.



425A

Interconnection cables

The interconnection cables used to connect the transmitter with the Apex oximeter and/or the blood pressure monitor are not the same as those used with the Apex S transmitter (CD Telemetry-LAN monitoring system). The connector ends that are plugged into the transmitters are different and are not interchangeable.



ApexPro system interconnection cable connector

CD Telemetry-LAN monitoring system interconnection cable connector

423A

Accutracker DX

The blood pressure monitor allows telemetry monitoring of a patient's NBP data. The blood pressure cuff is connected to the blood pressure monitor, which measures and displays systolic and diastolic blood pressures using the auscultatory method. Digital values are also displayed at the CIC Pro center, and stored in *Graphic Trends* and *Vital Signs*.



403A

The **START/STOP** button starts and stops blood pressure readings. During the monitoring period, it can be used by the patient at the clinician's discretion. Pressing the **START/STOP** button once while a patient is being monitored wakes up the blood pressure monitor from sleep mode and offers the options to change the measurement interval, view the time left until the next measurement, or perform a manual reading by pressing the **START/STOP** button a second time.

Battery installation

The blood pressure monitor contains an internal lithium battery capable of sustaining a maximum, cumulative period of 9 months (6400 hours) *without* AA alkaline batteries installed, over the life of the monitor. The four AA alkaline batteries will last for approximately 250 blood pressure readings, taken at an average interval of 15 minutes.

If the lithium battery is completely drained, the unit will not function. The internal lithium battery is *not* user replaceable. The unit must be returned for service if the lithium battery needs to be replaced.

For optimum performance, follow these guidelines:

- Store with four good AA alkaline batteries installed.
- Change the batteries when the message *Low Batt* displays.
- Install four new batteries when you begin monitoring a patient.
- Install new batteries and replace them every four months for long-term storage.
- Service the lithium battery every three to five years.

To install four new AA alkaline batteries:

- 1. Locate the battery cover on the back of the monitor.
- 2. Press down and gently slide off the cover.

- 3. Remove the old batteries by lifting up on the ribbon in the battery case. Dispose of the old batteries properly, following your local ordinances.
- 4. Insert the new batteries, being careful to follow the polarity signs. Be sure to place the batteries on top of the ribbon.
- 5. Slide the battery cover back on securely.

Connection

The patient cable, microphone cable, and interconnection cable are attached to one another in one assembly. See Interconnection cables on page 3-10. To connect the blood pressure monitor, follow this procedure:

- 1. Attach the brass end of the patient cable to the brass air hose connector on the side of the monitor.
- 2. Connect the microphone cable to the 6-pin connector on the side of the monitor, near the air hose connector.



1	Microphone cable connection
2	Patient connection cable
3	Transmitter interconnection cable
4	Blood pressure cuff connection cable
5	Microphone cable

3. Secure the cable by screwing on the metal cable cap, then insert the monitor into the nylon pouch.

407A



411A

4. Attach the blood pressure cuff hose to the white plastic fitting on the patient cable. Turn the fitting to the right approximately one quarter turn. Some connector models will click when they are connected. Make sure that it is securely tightened. Then plug the 3-pin microphone connector into the 3-pin connector on the microphone cable.



404A

5. Connect the 5-pin end of the interface cable to the inside 5-pin **INTFC** connector on the transmitter (labeled **2** on its dust cover). The interface cable is already connected to the blood pressure monitor because it is a branch of the patient cable. Ensure that the transmitter's patient leadwires are properly connected. The leadwires must be connected for telemetry transmission of NBP data.

NOTE

- Use a microphone pad to maintain the best microphone position.
- Use a cuff anchor to maintain the blood pressure cuff's position.
- Advise the patient not to shower or bathe while being monitored.

4 System setup



Bedside monitor setup

WARNING

INCORRECT ALGORITHMS, ARRHYTHMIA PROCESSING AND CALCULATIONS BASED ON PATIENT AGE — After manually updating or automatically retrieving patient demographic information from a network database, *always* confirm that the entered patient's date of birth matches the patient's actual date of birth. Otherwise the appropriate age-related algorithms, arrhythmia detection, and calculations will not be applied.

CAUTION

BEDSIDE MONITOR ECG COMPATIBILITY— The minimum software version of the following GE bedside monitors are required for ECG monitoring in *Rover* or *Rover Combo* modes:

- Dash 3000/4000 patient monitor v2B or later
- Dash 5000 patient monitor v6 or later
- Eagle 4000 patient monitor v5B or later
- Solar 7000 patient monitor v6 or later
- Solar 8000i patient monitor v4F or later
- Solar 8000M patient monitor v3D
- Tram critical care monitor (Tramscope) v7D or later

Monitoring other parameters is not compatible. Erroneous patient data may result.

NOTE

When the monitor is set for *Combo* mode, the second V lead can *not* be viewed or manipulated.

NOTE

Users should be aware of a possible time discrepancy between the waveforms from the telemetry device and the waveforms hard-wired to the display device. Users should not consider these waveforms to be synchronous. If absolute synchronicity is desired, *Combo* mode should be discontinued and the ECG waveforms should be acquired via the hard-wired bedside device.

ApexPro system patient data can be viewed on most GE patient monitors. The monitor must be connected to the Unity network and in the same care unit as the ApexPro system.

The telemetry patient can be viewed on the bedside monitor using the monitor's split screen view, or when the monitor is set for either *Combo* or *Rover Combo* monitoring mode.

Refer to the appropriate monitor's operator's manual for more information. Contact your sales/service representative if you have questions regarding compatibility.

CIC Pro center setup

Standard components include the following items:

- Processor box
- Primary display
- External speakers
- Standard keyboard
- Standard mouse



	Item	Function
1	Processor box	Run the CIC Pro center application.
2	Primary display	Display real-time and stored patient data, control windows, and various system level operations. Up to two displays may be connected to the CIC Pro center simultaneously.
3	Secondary display (optional)	Display stored patient data.
4	Standard mouse and keyboard	Enter data, navigate menus, and choose options.
5	External speakers	Sound audible patient status and system status alarm tones.

Configuring the CIC Pro center

WARNING

Before using this device for the first time, refer to the CIC Pro Clinical Information Center Operator's Manual for safety information.

WARNING

UNTESTED SOFTWARE—Do not load any software other than that specified by GE onto the CIC Pro center. Installation of software not specified by GE may cause damage to the server or loss or corruption of data.

Before use, qualified personnel must configure the CIC Pro center for use within your monitoring environment:

- Service personnel must configure the CIC Pro center to work with your patient monitor. For more information, refer to the CIC Pro Clinical Information Center Bedrock Hardware Platform Service Manual.
- Clinical personnel must configure the clinical applications of the CIC Pro center. For more information, refer to the CIC Pro Clinical Information Center Bedrock Hardware Platform Service Manual and/or the CIC Pro Clinical Information Center Operator's Manual.

Verifying proper operation

Before using this device, you should confirm that the CIC Pro center application and alarms are operating properly:

- 1. Check that the CIC Pro center is displaying waveforms and numerical data from selected patient monitors and telemetry beds.
- 2. Check that the CIC Pro center notifies you of an alarm condition when you verify the alarm function. For more information, refer to the CIC Pro Clinical Information Center Operator's Manual.

Customizing the system

Three configuration levels control the features and functions of your CIC Pro Center. For a complete listing of configurations and instructions, refer to the CIC Pro Clinical Information Center Operator's Manual and/or CIC Pro Clinical Information Center Bedrock Hardware Platform Service Manual.

- Licenses (instituted): Licenses control the standard and specialized features available for your CIC Pro center. These licenses are instituted during installation, but can be changed by qualified personnel.
- Defaults (persistent): Defaults control the network, system, and clinical application settings of the CIC Pro center. Defaults are persistent, meaning they are recalled after a patient is discharged.

Control settings (temporary): Control settings allow you to make temporary adjustments to some of the system and clinical application settings of the CIC Pro center. Control settings are temporary, meaning they apply to a selected patient and are erased when the patient is discharged.

Licenses (instituted)

Licenses control the standard and specialized features available for your CIC Pro center. These licenses are instituted during installation, but can be changed by qualified personnel.

To view the licenses installed on your CIC Pro center from the multi-patient viewer, click *Setup CIC* > *Licensing*.

Display Configuration Service Password Full Disclosure Defaults Lorensing License Name Option Code Duarkhy ADTF activation Code ADTF activated ADT - Picklet ADTP 1 470230347731 ADTP activated ADTF activated Dual Display ADTP 1 070230347731 ADTP activated Display Events - Directory EVDR 1 305575003333 EVDR activated EVENt activated Events - Patient Data Server EVPD 1 31014274216 EVENt activated Events - Review EVPD 1 31014274216 EVENt activated Events - Review EVPD 1 31014274216 EVENt activated Full Disclosure - 24 Hours Storage FD24 16 02155046725 FD24 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD42 activated Full Disclosure - Stop Review EDST 1 5352041550 FDF8 activated <th>Display Configuration Service Password Full Disclosure Defaults Loss Exercts Name Option Code Quantity Activation Code ADT - Basic Functionality ADT - Basic Functionality<th>Default: Telemetry D</th><th>Init Defaults</th><th>Telemet</th><th>ry Alam Control Defa</th><th>ulti I</th><th>Current Telemetry Listing</th></th>	Display Configuration Service Password Full Disclosure Defaults Loss Exercts Name Option Code Quantity Activation Code ADT - Basic Functionality ADT - Basic Functionality <th>Default: Telemetry D</th> <th>Init Defaults</th> <th>Telemet</th> <th>ry Alam Control Defa</th> <th>ulti I</th> <th>Current Telemetry Listing</th>	Default: Telemetry D	Init Defaults	Telemet	ry Alam Control Defa	ulti I	Current Telemetry Listing
EASE AN18519153IGA Licenze Name Option Code Duarkity ACtivition Ecode ADT - Easic Functionality ADTF 1 437377536576 ADTF activitied ADT - Picklist ADTP 1 070200347731 ADTF activitied Dual Diplay DDTF 1 070200347731 ADTF activitied Events - Directory EVDR 1 305575003333 EVDR activitied Events - Review EVPD 1 310147474716 EVPD activitied Full Dirclosue - 24 Hours Storage FD24 16 021563046725 FD24 activitied Full Dirclosue - 48 Hours Storage FD72 16 451043470043 FD72 activitied Full Dirclosue - 72 Hours Storage FD72 16 451043470043 FD2 activitied Full Dirclosue - Calpers FD2L 1 652305151302655 FD2R activitied Full Dirclosue - Stip Review EDST 1 533520415380 FDST activitied Full Dirclosue - Stip Review EDST 1 533520415380 FDST activitied Live View -	SNE JA105161538CA Licenze Name Option Code Duarkity Activation Code ADT - Exic Functionality ADTF 1 437377536576 ADTF activated ADT - Picklist ADTP 1 070230347731 ADTF activated Dual Diplay DDIS 1 26720555151 DDIS activated Events - Directory EVDR 1 305575003333 EVDR activated Events - Patient Data Server EVFD 1 211232100173 EVFD activated Full Directorue - 24 Hours Storage FD24 16 02165264725 FD24 activated Full Directorue - 24 Hours Storage FD72 16 451043470043 FD72 activated Full Directorue - Calpers FD72 16 451043470043 FD72 activated Full Directorue - Calpers FD72 16 451043470043 FD72 activated Full Directorue - Calpers FD72 16 451043470043 FD72 activated Full Directorue - Calpers FD72 1 167624326570 FD21 activated Full Directoru	Display Configuration	Service Passwor	d	Full Disclosu	re Defaults	Licensing
License Name Option Code Duarkity Activation Code ADT - Basic Functionality ADTF 1 437377536576 ADTF activated ADT - Picklist ADTP 1 070230347731 ADTF activated Dual Diplay DDIS 1 2672055753 DDIS activated Events - Directory EVDR 1 305575003333 EVDR activated Events - Review EVPD 1 3101474716 EVPD activated Events - Review EVPN 1 211232100173 EVFW activated Full Dicclosue - 24 Hours Storage FD24 16 021563046725 FD24 activated Full Dicclosue - 24 Hours Storage FD72 16 451043470043 FD72 activated Full Dicclosue - 27 Hours Storage FD72 16 451043470043 FD72 activated Full Dicclosue - 27 Hours Storage FD72 16 451043470043 FD72 activated Full Dicclosue - Calpers FDCL 1 167524326570 FDCL activated Full Dicclosue - Stip Review EDST 1 53520415380 FDST activated Live View - Alam Stence LVAS 1 06555756 LVEN activated Live View - Basic View LVM 1 22233766325776 LVEN ac	License Name Option Code Duarkity Activation Code A DT - Easic Functionality ADTF 1 437377536576 ADTF activated A DT - Picklist ADTF 1 070230347731 ADTF activated Dual Diplay DOIS 1 26720555151 DDIS activated Events - Directory EVDR 1 305575003333 EVDR activated Events - Palsed Data Server EVPD 1 310147474716 EVPD activated Full Disclosure - 24 Hours Storage FD24 16 021652646725 FD24 activated Full Disclosure - 24 Hours Storage FD2 16 362601417216 FD28 activated Full Disclosure - 22 Hours Storage FD2 16 362601417216 FD28 activated Full Disclosure - 28 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - 28 Hours Storage FD72 16 451043470043 FD22 activated Full Disclosure - 28 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - 12 Hours Storage		5	N: JA105101	SJUGA		
ADT - Baiic Functionality ADT - Reklat Dual Display Events - Disectory Events - Palent Data Server Events - Palent Data Server Events - Palent Data Server EVPD 1 300575003333 EVDR activated Events - Review EVPD 1 31014747176 EVPD activated Events - Review EVPD 1 0215201773 EVRV activated Full Disclosure - 48 Hours Storage FD48 16 02155264725 FD24 activated Full Disclosure - 72 Hours Storage FD72 16 451013470043 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451013470045 FD24 activated Full Disclosure - 72 Hours Storage FD72 16 451013470045 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451013470045 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451013470045 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451013470045 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451013470045 FD72 activated Events - Review FDST 1 533520115380 FD73 activated Eve Vew - Alam Stence EVAS 1 066237511616 EVAS activated Eve Vew - Alam Stence EVAS 1 0662375166 EVEN activated Eve Vew - State Valve EVEN 1 75555041777 EVEN activated Eve Vew - State Valve EVEN 1 322233346235 EVEN activated Eve Vew - Man Valve Stat EVEN 1 52552041777 EVSN activated Eve Vew - Man Valve Stat EVEN 1 52552041777 EVSN activated Eve Vew - Man Valve Stat EVEN 1 52552047777 EVSN activated Eve Vew - Man Valve Stat EVEN 1 240560046562 MINSU activated Events - Review FD5R 1 30557503333 TD5R activated Events - Review FD5R 1 30557503333 TD5R activated FD72 FD72 FD72 FD72 FD72 FD72 FD72 FD73 Activated FD72 FD72 FD72 FD72 FD72 FD72 FD72 FD73 FD73 FD73 FD73 FD73 FD73 FD73 FD73	ADT - Basic Functionality ADTF 1 437377536576 ADTF activated ADT - Ricklet ADTF 1 077230347731 ADTP activated Dual Display DOIS 1 26720851251 DDIS activated Events - Detectory EVDR 1 30557500333 EVDR activated Events - Patient Data Server EVPD 1 310147474716 EVPD activated Events - Review EVPN 1 211232100173 EVPW activated Full Disclosue - 24 Hours Storage FD24 16 02155646725 FD24 activated Full Disclosue - 24 Hours Storage FD22 16 02155646725 FD24 activated Full Disclosue - 24 Hours Storage FD72 16 451043470043 FD22 activated Full Disclosue - 28 pours Storage FD72 16 451043470043 FD22 activated Full Disclosue - 28 pours Storage FD72 16 451043470043 FD22 activated Full Disclosue - Calpers FDCL 1 167624326670 FDCL activated Full Disclosue - Stip Review FDST 1 53520415360 FDST activated <	License Name	Option Code	Quarkity	Activation Code		14
ADT - Picklet ADTP 1 070230347731 ADTP activated Dual Display DOIS 1 267205671251 DOIS activated Events - Patient Data Server EVPD 1 310147474716 EVPD activated Events - Patient Data Server EVPD 1 310147474716 EVPD activated Events - Review EVFIN 1 211232100173 EVFIN activated Full Disclosure - 24 Hours Storage FD24 16 021563646735 FD24 activated Full Disclosure - 48 Hours Storage FD24 16 021563646735 FD24 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - 89 Review FD72 16 451043470043 FD72 activated Full Disclosure - Storage FD72 17 1 53550415360 FD51 activated Live Vew - Alam Stence UVAS 1 065237511616 UVA activated Live Vew - Bais View UV/V 1 412710417636 UVEV activated Live Vew - Entreprise UVEN 1 75515657576 UVEN activated Live Vew - Mark Vewer UV/V 1 32223346253 UVAV activated Live Vew - Mark Vewer UV/W 1 32223346253 UVAV activated Live Vew - Mark Vewer UV/W 1 6 5267305562777 UVSA activated Live Vew - Mark Vewer UV/W 1 32223346253 UVAV activated Live Vew - Mark Vew Stal UVSM 16 5267305562777 UVSA activated Live Vew - Mark Vew Stal UVSM 16 253765625777 UVSA activated Live Vew - Mark Vew Stal UVSM 16 253756325777 UVSA activated Live Vew - Mark Vew Stal UVSM 16 25375053333 TDGR activated Tered - Grischical TDGR 1 30557503333 TDGR activated	ADT - Picklist ADTP 1 070230347731 ADTP activated Dual Display DOIS 1 267205551251 DOIS activated Events - Directory EVDR 1 305575003333 EVDR activated Events - Review EVPD 1 310147474716 EVPO activated Events - Review EVFN 1 211232100173 EVFN activated Full Disclosure - 24 Hours Storage FD24 16 021563646735 FD24 activated Full Disclosure - 24 Hours Storage FD24 16 021563646735 FD24 activated Full Disclosure - 24 Hours Storage FD24 16 021563646735 FD24 activated Full Disclosure - 22 Hours Storage FD24 16 021563646735 FD24 activated Full Disclosure - Dige Review FDP17 18 451043470043 FD22 activated Full Disclosure - Dige Review FDPR 1 305515042655 FDPR activated Full Disclosure - Sing Review FD24 1 12552555756 LVEN activated Live View - Alam Silencic <t< td=""><td>ADT - Basic Functionality</td><td>ADTE</td><td>1</td><td>437377536576</td><td>ADTF activated</td><td>8</td></t<>	ADT - Basic Functionality	ADTE	1	437377536576	ADTF activated	8
Dual Display DOIS 1 267209651251 DDIS activated Events - Directory EVDR 1 33557503333 EVDR activated Events - Patient Data Server EVPD 1 3101147474716 EVPD activated Events - Review EVPD 1 2113210173 EVFW activated Full Disclosue - 24 Hours Storage FD24 16 021563646725 FD24 activated Full Disclosue - 24 Hours Storage FD24 16 021563646725 FD24 activated Full Disclosue - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Disclosue - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Disclosue - Calgers FD72 1 167824325570 FD72 activated Full Disclosue - Calgers FD72 1 5355041555 FDFR activated Full Disclosue - Calgers LVMV 1 2223346555 FDFR activated Live View - Baic View Live View - Baic View LVMV 1 255136657756 LVMA activated Live View - Graph Al LVMV 1 22233465326777 LVSA activated <td>Dual Display DOIS 1 267205651251 DOIS activated Events - Directory EVDR 1 305575003333 EVDR activated Events - Patient Data Server EVDP 1 310147474716 EVDR activated Events - Patient Data Server EVDP 1 310147474716 EVDR activated Events - Review EVTPU 1 21125100173 EVRW activated Full Disclosure - 24 Hours Storage FD24 16 021563646725 FD24 activated Full Disclosure - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Disclosure - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Disclosure - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Disclosure - Calgers FD71 1 535520415500 FD51 activated Full Disclosure - Stip Review FDS1 1 535520417560 FD51 activated Live Verve - Alam Silence LVM 1 41271041766 LVMS activated Live Verve - Basic Vitew<</td> <td>ADT - Picklist</td> <td>ADTP</td> <td>1</td> <td>070230347731</td> <td>ADTP activated</td> <td></td>	Dual Display DOIS 1 267205651251 DOIS activated Events - Directory EVDR 1 305575003333 EVDR activated Events - Patient Data Server EVDP 1 310147474716 EVDR activated Events - Patient Data Server EVDP 1 310147474716 EVDR activated Events - Review EVTPU 1 21125100173 EVRW activated Full Disclosure - 24 Hours Storage FD24 16 021563646725 FD24 activated Full Disclosure - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Disclosure - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Disclosure - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Disclosure - Calgers FD71 1 535520415500 FD51 activated Full Disclosure - Stip Review FDS1 1 535520417560 FD51 activated Live Verve - Alam Silence LVM 1 41271041766 LVMS activated Live Verve - Basic Vitew<	ADT - Picklist	ADTP	1	070230347731	ADTP activated	
Events - Directory EVDR 1 30557500333 EVDR activated Events - Patient Data Server EVPD 1 310147474716 EVPD activated Events - Review EVPU 1 21132100173 EVPTW activated Full Directories - 24 Hours Storage FD14 16 021563646725 FD24 activated Full Directories - 24 Hours Storage FD14 16 021563646725 FD24 activated Full Directories - 24 Hours Storage FD72 16 451043470043 FD72 activated Full Directories - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Directories - Calpers FD72 18 451043470043 FD72 activated Full Directories - Calpers FD72 1 06515042655 FDPR activated Event View - Alam Stence UVAS 1 065237611616 EVAS activated Live View - Alam Stence UVAS 1 065237611616 EVAS activated Live View - Enterprise UVEN 1 412710417265 EVVEV activated Live View - Enterprise UVEN 1 755136657756 EVEN activated Live View - Graph All EVAS 1 055552041777 EVAS activated Live View - MutXViewel UVFV 1 32223346253 EVMV activated Live View - MutXViewel UVFV 1 3222334625774 EVSL activated Live View - MutXViewel UVFV 1 322233462552 MNSU activated Live View - MutXViewel UVFV 1 3222334625325777 EVAS activated Live View - MutXViewel UVFV 1 32253766357774 EVSL activated Live View - MutXViewel UVFV 1 32253766357774 EVSL activated Live View - MutXViewel UVFV 1 3225376635777 EVAS activated Live View - MutXViewel UVFV 1 3225376635777 EVAS activated Live View - MutXViewel UVFV 1 32556046552 MNSU activated Live View - MutXViewel Stel UVSM 16 253765325777 EVAS activated Live View - MutXViewel Stel UVSM 16 253765325777 LVSM activated Live View - MutXViewel Stel UVSM 16 253765325777 LVSM activated Live View - MutXViewel Stel UVSM 11 24056046552 MNSU activated Terendi - Graphical TDGR 1 30557503333 TDGR activated	Events - Directory EVDR 1 305575003333 EVDR EVents - Review Events - Patient Data Server EVPD 1 3101142474716 EVPD activated Events - Review EVPD 1 211232100173 EVPR activated Full Diroboure - 48 Hours Storage FD24 16 30501417216 FD24 activated Full Diroboure - 48 Hours Storage FD24 16 30501417216 FD24 activated Full Diroboure - 24 Hours Storage FD72 18 451043470043 FD72 activated Full Diroboure - Calipers FD72 18 451043470043 FD72 activated Full Diroboure - Calipers FD72 1 167624326670 FD24 activated Full Diroboure - Step Review FDS1 1 533520415360 FDS1 activated Ever View - Alam Sterice EV/64 1 06551504255 FDFR activated Ever View - Alam Sterice EV/64 1 75552041777 LV/64 activated Ever View - Fundy Stat EVER 1 755552041777 LVMV activated Ever Vie	Dual Display	DOIS	1	267205651251	DDIS activated	
Events - Palient Data Server EVPD 1 310147474716 EVPD activated Events - Review EVRIV 1 211232100173 EVRIV activated Full Disclosue - At Hours Storage FD24 16 02150246725 FD24 activated Full Disclosue - 72 Hours Storage FD72 16 451043470043 FD24 activated Full Disclosue - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosue - Calpers FDCL 1 167624326670 FDCL activated Full Disclosue - Stip Review FDST 1 533520415380 FDST activated Full Disclosue - Stip Review FDST 1 533520415380 FDST activated Live View - Alam Stence LVAS 1 065237511616 LVAS activated Live View - Fasic View LVPV 1 12223346535 LVEN activated Live View - Graph All LVGA 1 755552041777 LVGA activated Live View - Mark/Nervet LVMV 1 32223346231 LVM activated Live View - Mark/Nervet LVMV 1 32223346252777 LVSA activated <t< td=""><td>Events - Palient Data Server EVPD 1 31(11/27/3716 EVPD activated Events - Review EVFW 1 211/32100173 EVFW activated Full Disclosue - 24 Hours Storage FD24 16 0215536(6725 FD24 activated Full Disclosue - 48 Hours Storage FD21 16 021553(6725 FD24 activated Full Disclosue - 24 Hours Storage FD72 16 4510(4370043 FD22 activated Full Disclosue - Calpers FDCL 1 16724326570 FDCL activated Full Disclosue - Calpers FDCL 1 02551502655 FDFB activated Full Disclosue - Stip Review FDST 1 533520415360 FDST activated Eve View - Alam Stercle LVAS 1 045527566 LVEN activated Live View - Alam Stercle LVAS 1 755552041777 LVGA activated Live View - Entroprise LVEN 1 755552041777 LVGA activated Live View - Main/Nieweet LVMV 1 32223346557 LVFN activated Live View - Main/Nieweet</td><td>Events - Directory</td><td>EVDR</td><td>1</td><td>305575003333</td><td>EVDR activated</td><td>1</td></t<>	Events - Palient Data Server EVPD 1 31(11/27/3716 EVPD activated Events - Review EVFW 1 211/32100173 EVFW activated Full Disclosue - 24 Hours Storage FD24 16 0215536(6725 FD24 activated Full Disclosue - 48 Hours Storage FD21 16 021553(6725 FD24 activated Full Disclosue - 24 Hours Storage FD72 16 4510(4370043 FD22 activated Full Disclosue - Calpers FDCL 1 16724326570 FDCL activated Full Disclosue - Calpers FDCL 1 02551502655 FDFB activated Full Disclosue - Stip Review FDST 1 533520415360 FDST activated Eve View - Alam Stercle LVAS 1 045527566 LVEN activated Live View - Alam Stercle LVAS 1 755552041777 LVGA activated Live View - Entroprise LVEN 1 755552041777 LVGA activated Live View - Main/Nieweet LVMV 1 32223346557 LVFN activated Live View - Main/Nieweet	Events - Directory	EVDR	1	305575003333	EVDR activated	1
Events - Review EVRW 1 211232100173 EVRW activated FD24 activated FD24 16 021503046725 FD24 activated FD25 FD24 activated FD2	Events - Review EVRW 1 211232100173 EVRW activated Full Disclosure - 24 Hours Storage FD24 16 021553646725 FD24 activated Full Disclosure - 24 Hours Storage FD49 16 36501417216 FD24 activated Full Disclosure - 24 Hours Storage FD72 16 45101370043 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 45101370043 FD72 activated Full Disclosure - Calpers FDCL 1 157624326670 FDCL activated Full Disclosure - Step Review FDFR 1 305515042655 FDFR activated Full Disclosure - Step Review FDST 1 53520415360 FDST activated Live View - Alam Stence LVMV 1 412710417656 LVMS activated Live View - Exterprise LVEN 1 7553657756 LVEN activated Live View - Graph All LVGA 1 75555041777 LVSA activated Live View - View Stat LVSL 16 223736532 LVMV activated Live View - View Stat	Events - Patient Data Server	EVPD	1	310147474716	EVPD activated	
Full Disclosue - 24 Hours Storage FD24 16 02/1562646736 FD24 activated Full Disclosue - 84 Hours Storage FD48 16 3620/1417716 FD48 activated Full Disclosue - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosue - Calper FD72 16 451043470043 FD72 activated Full Disclosue - Page Review FDPR 1 206515042655 FDPR activated Full Disclosue - Page Review FDPR 1 206515042655 FDPR activated Eve View - Alam Sterce UVAS 1 066237611616 UVAS activated Eve View - Bails View EV/W 1 412710417536 UVEV activated Eve View - Enlaghine EV/K 1 755136657756 EV/EN activated Eve View - Enlaghine EV/K 1 75552041777 UVGA activated Eve View - View Stat, EV/W 1 32223346253 UVEV activated Eve View - View Stat, EV/W 1 32223346253 UVEV activated Eve View - View Stat, EV/K 16 526730567774 UVSL activated Eve View - View Stat, EV/SL 16 52673056777 UVSM activated Eve View - View Stat, EV/SL 16 253766326777 UVSM activated Eve View - View Stat, EV/SL 16 253766326777 UVSM activated Eve View - View Stat, EV/SL 16 32637056774 UVSL activated Eve View - View Stat, EV/SL 16 3263766326777 UVSM activated Eve View - View Stat, EV/SL 16 3263766326777 UVSM activated Eve View - View Stat, EV/SL 16 3263766326777 UVSM activated Eve View - View Stat, EV/SL 16 3263766326777 UVSM activated Eve View - View Stat, EV/SL 16 3263766326777 UVSM activated Eve View - View Stat, EV/SL 16 3263766326777 UVSM activated Eve View - Tender Graphical TDGR 1 30557500333 TDGR activated	Full Disclosure - 24 Hours Storage FD24 16 021563646725 FD24 activated Full Disclosure - 88 Hours Storage FD48 16 362601417716 FD48 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - 72 Hours Storage FD72 1 675258570 FDCL activated Full Disclosure - Page Review FDFR 1 535520415360 FD51 activated Full Disclosure - Stop Review FDFR 1 535520415360 FD51 activated Eve View - Alam Sterce LVAS 1 086237611616 LVAS activated Eve View - Bails View LVEN 1 755552041777 LVAS activated Eve View - Graph All LVEN 1 755552041777 LVMA activated Eve View - MultiVieweit LVMV 1 3223346253 LVMV activated Eve View - MultiVieweit LVMV 1 3223346253 LVMV activated Eve View - MultiVieweit LVMV 1 32233346253 LVMV activated Eve View - MultiVieweit LVMV 1 32233346253 LVMV activated Eve View - MultiVieweit <td>Events - Review</td> <td>EVRW</td> <td>1</td> <td>211232100173</td> <td>EVRW activate</td> <td>đ</td>	Events - Review	EVRW	1	211232100173	EVRW activate	đ
Full Disclosure - 48 Hours Storage FD48 16 362601417716 FD48 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - Calpers FDCL 167624326670 FDCL activated Full Disclosure - Page Review FDPR 30651504255 FDPR activated Full Disclosure - Stip Review FDST 1 533520415380 FDST activated Live View - Alam Stence LVAS 1 065237611616 LVAS activated Live View - Bails View LVBV 1 412716417636 LVMs activated Live View - Bails View LVMV 1 3223346253 LVMV activated Live View - Bright All LVGA 1 755552041777 LVAS activated Live View - MultiVieweit LVMV 1 3223346253 LVMV activated Live View - Merch View Stol LVSL 16 5253765774 LVSL activated Live View - View Stol LVSL 16 2537656326777 LVSL activated Live View - View Stol LVSL 16 253765326777 LVSL activated Live View - View Stol	Full Disclosure - 48 Hours Storage FD48 16 362601417216 FD48 activated Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - Calpers FDCL 1 16762432650 FDCL activated Full Disclosure - Step Review FDFR 1 305515042655 FDFR activated Full Disclosure - Step Review FDS1 1 533520415360 FDS1 activated Full Disclosure - Step Review FDS1 1 533520415360 FDS1 activated Live View - Alsm Stence LVAS 1 0655157765 LVEN activated Live View - Batic View LVBV 1 412710417636 LVEN activated Live View - Graph All LVSN 1 755552041777 LVGA activated Live View - Multi/Nerweit LVMV 1 32223346253 LVMV activated Live View - Multi/Nerweit LVMV 1 32223346253 LVMV activated Live View - Multi/Nerweit LVMV 1 32223346253 LVMV activated Live View - Multi/Nerweit LVMV 1 322233346253 LVMV activated Live View - Multi/Nerweit LVMV 1 322233346253 LVMV activated Live View - Multi/Nerweit <td< td=""><td>Full Disclosure - 24 Hours Storage</td><td>FD24</td><td>16</td><td>021563646735</td><td>FD24 activated</td><td></td></td<>	Full Disclosure - 24 Hours Storage	FD24	16	021563646735	FD24 activated	
Full Diroclosue - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Diroclosue - Calpers FDCL 1 157624326570 FDCL activated Full Diroclosue - Stap Review FDPR 1 306515042655 FDFR activated Full Diroclosue - Stap Review FDST 1 533520415360 FDST activated Full Diroclosue - Stap Review FDST 1 533520415360 FDST activated Live View - Alam Stence LVAS 1 065237511616 LVAS activated Live View - Enterprise LVEN 1 75533652756 LVEN activated Live View - Graph All LVGA 1 755552041777 LVGA activated Live View - Mult/Nerwet LVMV 1 32223346253 LVMV activated Live View - Mult/Nerwet LVMV 1 32223346253 LVMV activated Live View - Mult/Nerwet LVMV 1 32223346253 LVMV activated Live View - Mult/Nerwet LVMV 1 32223346253 LVMV activated Live View - Mult/Nerwet LVMV 1 240566365777 LVSM activated L	Full Disclosure - 72 Hours Storage FD72 16 451043470043 FD72 activated Full Disclosure - Calgers FDCL 1 167524326570 FDCL activated Full Disclosure - Dage Review FDRR 1 305515042555 FDRR activated Full Disclosure - Stop Review FDST 1 533520415360 FDST activated Full Disclosure - Stop Review FDST 1 533520415360 FDST activated Live View - Alam Stencie LVAS 1 065237611616 LVAS activated Live View - Baild View LVEN 1 4127104176576 LVEN activated Live View - Endoptie LVAS 1 7555257766 LVEN activated Live View - Graph All LVMV 1 32223346253 LVFN view activated Live View - Multi/Newet LVMV 1 32223346253 LVFN view activated Live View - Multi/Newet LVMV 1 32223346253 LVFN view activated Live View - Multi/Newet LVMV 1 32223346253 LVFN activated Live View - Multi/Newet LVMV 1 32223346253 LVFN activated Live View - Multi/Newet LVSL 16 25376563777 LVSL activated Live View - Multi/New Stot LVSL <td>Full Disclosure - 48 Hours Storage</td> <td>FD48</td> <td>16</td> <td>362601417716</td> <td>FD48 activated</td> <td></td>	Full Disclosure - 48 Hours Storage	FD48	16	362601417716	FD48 activated	
Full Disclosure - Calpers FDCL 167624326670 FDCL activated Full Disclosure - Stop Review FDPR 306515042655 FDDR activated Full Disclosure - Stop Review FDST 1 53952041596 FDST activated Full Disclosure - Stop Review FDST 1 53952041596 FDST activated Live View - Bails View L/AS 1 065237511616 L/VAS activated Live View - Bails View L/VEN 1 755136657756 L/VEA activated Live View - Graph All L/VEN 1 75552041777 L/VEA activated Live View - MultiViewer L/VMV 1 32223345253 L/VM activated Live View - MultiViewer L/VMV 1 32223345253 L/VM activated Live View - Metrix Stot L/VSM 16 253766326777 L/VSM activated Live View - Metrix Stot L/VSM 16 253766326777 L/VSM activated Live View - Metrix View Stot L/VSM 16 253766326777 L/VSM activated Live View - Reitor View Stot L/VSM 16 253766326777 L/VSM activated Live View - Reitor View Stot L/VSM 16 253766326777 L/VSM activated Live View - Metrix View - Stot LVSM 16	Full Disclosure - Calpers FDCL 1 167524326570 FDCL activated Full Disclosure - Step Review FDFR 1 205515042555 FDFR activated Full Disclosure - Step Review FDST 1 533520415360 FDST activated Full Disclosure - Step Review FDST 1 533520415360 FDST activated Live View - Alam Stence LVAS 1 06523711616 LVAS activated Live View - Braile View LVEN 1 75513655756 LVEN activated Live View - Braile View LVEN 1 75513655756 LVEN activated Live View - Graph All LVEN 1 322233346253 LVVM activated Live View - View Stat LVSL 16 52872056774 LVSL activated Live View - View Stat LVSM 16 253766326777 LVSL activated Live View - Math Stat LVSM 16 253766326777 LVSM activated Live View - Math Stat LVSM 16 253766326777 LVSM activated Live View - Math Stat LVSM 16 253766326777 LVSM activated Live View - Math Stat LVSM 16 253766326777 LVSM activated Live View - Math Stat LVSM 10 240566	Full Disclosure - 72 Hours Storage	FD72	16	451043470043	FD72 activated	
Full Disclosure - Page Review FDPR 1 206515042655 FDPR activated Full Disclosure - Page Review FDPT 1 533520415380 FDDT activated Live View - Alam Sterce LVAS 1 065237611616 LVAS activated Live View - Basic View LVBV 1 412710417536 LVEV activated Live View - Enlophine LVBN 1 755136557756 LVEN activated Live View - Enlophine LVEN 1 755530557756 LVEN activated Live View - Graphile LVMV 1 322523346253 LVMV activated Live View - MultiViewer LVMV 1 32253346253 LVMV activated Live View - MultiViewer LVSL 16 526730566774 LVSL activated Live View - Mem Stot LVSL 16 253766326777 LVSM activated Live View - Mem Stot LVSL 16 253766326777 LVSM activated Live View - Mem Stot LVSL 16 253766326777 LVSM activated Live View - Mem Stot LVSL 16 25375603333 TDGR activated Tends - Graphical TDGR 305575003333 TDGR activated	Full Disclosure - Page Review FDPR 1 306515042655 FDPR activated Full Disclosure - Stop Review FDST 1 535520415360 FDST activated Live View - Alam Silence LVAS 1 065237611616 LVAS activated Live View - Bails View LVBV 1 412710417656 LVBV activated Live View - Enciptine LVEN 1 755552041777 LVGA activated Live View - Enciptine LVEN 1 755552041777 LVGA activated Live View - Graph All LVSIA 1 755552041777 LVGA activated Live View - View - Stab LVSIA 1 75555204777 LVGA activated Live View - MultiVieweit LVMV 1 32223346253 LVMV activated Live View - MultiVieweit LVSIA 16 253766326774 LVSIA activated Live View - View Stab LVSM 16 253766326777 LVSIA activated Setup - Remote Monitor MINSU 1 240566046562 MISU activated Trends - Graphical TDGR 305575003333 TDGR activated	Full Disclosure - Calpers	FDCL	1	167624326670	FDCL activated	
Full Disclosure - Step Review EDST 1 533520415380 FDST activated Live View - Alam Sterce U/AS 1 068237611616 L/VAS activated Live View - Braic View L/WV 1 412710417636 L/VBV activated Live View - Braic View L/WV 1 412710417636 L/VBV activated Live View - Braic View L/WV 1 412710417636 L/VBV activated Live View - Braich All L/VEN 1 755552041777 L/VA activated Live View - Braich Stell L/VNV 1 32223346253 L/VM activated Live View - MidN/Hervet L/VNV 1 32223346253 L/VM activated Live View - MidN/Hervet L/VSL 16 5253765326774 L/SL activated Live View - MidN/Hervet Stoll L/VSM 16 253765362774 L/SL activated Setup - Riemote Monitor MNSU 1 240556045552 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Full Disclosure - Step Review EDS1 1 533520415380 EDS1 activated Live View - Alam Stence LVAS 1 065237611616 LVAS activated Live View - Batic View LVBV 1 412710417636 LVEV activated Live View - Batic View LVEN 1 755552041777 LVGA activated Live View - Braph All LVGA 1 755552041777 LVGA activated Live View - Braph All LVSN 1 32223346253 LVMV activated Live View - Multi/Newer LVMV 1 32223346253 LVMV activated Live View - Multi/Newer LVSL 16 52530556774 LVSL activated Live View - Micro View Stot LVSL 16 253765520777 LVSL activated Live View - Micro View Stot LVSL 16 25376563777 LVSL activated Setup - Reinote Monitor MINSU 1 24056046562 MISU activated Timeds - Graphical TDGR 305575003333 TDGR activated	Full Disclosure - Page Review	FDPR	1	306515042655	FDPR activated	
Live View - Alam Silence L/AS 1 066237611616 L/VAS activated Live View - Bail: View L/VEV 1 412710417636 L/VEV activated Live View - Bail: View L/VEN 1 755136657756 L/VEV activated Live View - Bright All L/VEN 1 755552041777 L/VEN activated Live View - Bright All L/VEN 1 755552041777 L/VEN activated Live View - Mith/lever L/VFN 1 32223346253 L/VHV activated Live View - View - Stot L/VSL 16 526730556774 L/VSL activated Live View - Mith/lever L/VSM 16 253756326777 L/VSM activated Setup - Remote Monitor MNSU 1 240566046562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - Alam Silonce LVAS 1 066237611616 LVAS activated Live View - Bails View LVBV 1 412710417636 LVVPV activated Live View - Enlopsine LVEN 1 75515657756 LVEN activated Live View - Enlopsine LVEN 1 75552041777 LVSA activated Live View - Enlopsine LVEN 1 75552041777 LVSA activated Live View - MultiNewer LVMV 1 32223346253 LVMV activated Live View - MultiNewer LVMV 1 32223346253 LVMV activated Live View - Maxiv View Stot LVSL 16 525720556774 LVSL activated Live View - Nexo View Stot LVSL 16 525720552777 LVSL activated Setup - Remote Monitor MINSU 1 24056046562 MISU activated Trends - Graphical TDGR 305575003333 TDGR activated	Full Disclosure - Ship Review	FDST	1	533520415360	FDST activated	
Live View - Bislic View LVEV 1 412710417636 LVEV activated Live View - Entroprise LVEN 1 755136657756 LVEN activated Live View - Graph All LVGA 1 75552041777 LVGA activated Live View - Graph All LVGA 1 755520417777 LVGA activated Live View - Graph All LVSL 16 526730556774 LVSL activated Live View - Meror View Stot LVSL 16 526730556774 LVSL activated Live View - Meror View Stot LVSL 16 2537663262777 LVSM activated Setup - Remote Monitor MNSU 1 24056046562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - Basic View LVEV 1 412710417636 LVEV activated Live View - Entrophile LVEN 1 755136657756 LVEN activated Live View - Graph All LVEN 1 755136657766 LVEN activated Live View - Graph All LVEN 1 75552041777 LVGA activated Live View - MultiViewer LVMV 1 32223346253 LVMV activated Live View - MultiViewer LVSL 16 526720556774 LVSL activated Live View - Metor View Stot LVSM 16 253766326777 LVSM activated Setup - Remote Monitor MNSU 1 240566045562 MNSU activated Tends - Graphical TDGR 305575003333 TDGR activated	Live View - Alam Silence	LWAS	1	066237611616	LVAS activated	
Live View- Enterprise LVEN 1 755136657756 LVEN activated Live View- Graph All LVGA 1 75555041777 LVGA activated Live View- MultiViewet LVMV 1 32223346253 LVMV activated Dive View- View Stot LVSL 16 55673056774 LVSL activated Live View- View Stot LVSL 16 253766326777 LVSM activated Live View- March View Stot LVSM 16 253766326777 LVSM activated Setus - Remote Monitor MNSU 1 240566045562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - Enlopsise LVEN 1 755136657756 LVEN activated Live View - Graph All LVGA 1 75552041777 LVGA activated Live View - Graph All LVMV 1 322233346253 LVMV activated Live View - MultiViewer LVMV 1 322233346274 LVSL divised Live View - Merch Stat LVSL 16 253766326774 LVSL divised Setup - Riemole Monitor MNSU 1 240566046562 MNSU activated Tends - Graphical TDGR 1 305575003333 TDGR activated	 Live View - Basic View 	LVEV	1	412710417636	LVBV activated	
Live View - Groph All LVGA 1 755552041777 LVGA activated Live View - MultiViewet LVMV 1 32223346253 LVMV activated Live View - View Stot LVSL 16 526730556774 LVSL activated Live View - Mark View Stot LVSM 16 253765326777 LVSM activated Setup - Remote Monitor MNSU 1 240566045552 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - Graph All LVGA 1 755552041777 LVGA activated Live View - MultiViewer LVMV 1 32223346253 LVMV activated Live View - MultiViewer LVSL 16 526730556774 LVSL activated Live View - View Stot LVSL 16 526730556774 LVSL activated Live View - Micro View Stot LVSM 16 253765235777 LVSL activated Setup - Reinote Monitor MNSU 1 240566045562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - Entrypise	LVEN	1	755136657756	LVEN activated	
Live View - MultiViewer LVMV 1 322233346253 LVMV activated Live View - View Stat. LVSL 16 526730556774 LVSL activated Live View - Merci View Stat. LVSL 16 526730556774 LVSL activated Live View - Merci View Stat. LVSL 16 253766326777 LVSM activated Setup - Remote Monitor MNSU 1 240566046562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - MultiViewer LVMV 1 322233346253 LVMV activated Dire View - View Stat LVSL 16 526730556774 LVSL activated Lyon View - Meror View Stat LVSM 16 25376633777 LVSM activated Setup - Remote Monitor MNSU 1 240566046562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - Graph All	LVGA	1	755552041777	LVGA activated	
Dire View - View Slot LVSL 16 526730556774 LVSL activated Lyen View - Merci View Slot LVSM 16 253756326777 LVSM activated Setup - Remote Monitor MNSU 1 240566046562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - View Slot LVSL 16 526730556774 LVSL activated S Liver View - Meror View Slot LVSM 16 253766326777 LVSM activated S Setur - Remote Monitor MNSU 1 24056046552 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - Mult/Viewer	LVMV	1	322233346253	LVMV activated	
Live View - Metor View Stot LVSM 16 253766326777 LVSM activated Setup - Remote Monitor MNSU 1 24056045562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Lee View - Mieor View Slot LVSM 16 253766326777 LVSM activated Setup - Riemote Monitor MNSU 1 240566045562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - View Slot	LVSL	16	526730556774	LVSL activated	
Setup- Reimote Monitor MNSU 1 240566046562 MNSU activated Trends- Graphical TDGR 1 305575003333 TDGR activated	Setup - Remote Monitor MNSU 1 240566046562 MNSU activated Trends - Graphical TDGR 1 305575003333 TDGR activated	Live View - Mirror View Stot	LVSM	16	253766326777	LVSM activated	
Trends-Graphical TDGR 1 305575003333 TDGR activated	Trend: - Griphical TDGR 1 305575003333 TDGR activated	Setup - Remote Monitor	MNSU	1	240566046562	MNSU activated	đ
<u>م</u>	T	Trends - Graphical	TDGR	1	305575003333	TDGR activated	1

Licenses are divided into the following categories:

- View: View real-time patient information for a maximum of 16 patients from the multi-patient viewer and one patient from the single patient viewer.
- Monitor: Admit and discharge patients, modify parameter limits, manage *Alarm Control*, and silence alarms.
- Review: Review historical patient information (e.g., events, trends, and full disclosure).
- Central surveillance: View single viewer applications from a secondary display, navigate multiple configured centralized CIC Pro centers using a single mouse and keyboard, and connect to your facility's Citrix server to view any CIC Pro center or Hospital Information System (HIS).
- Service: Remote service tools.

Defaults (persistent)

Defaults control the network, system and clinical application settings of the CIC Pro center. Defaults are persistent, meaning they are recalled after a patient is discharged.

Defaults are divided into two categories:

- Service-level defaults: Service-level defaults are password protected and should be configured by qualified service and clinical personnel.
- User-level defaults: User-level defaults are not password protected and can be configured by any qualified user.

To view the *CIC Defaults* window, from the multi-patient viewer, click *Setup CIC* > *CIC Defaults*.

Alarm V Curert 0000 Minimum 0000 Read time Trend Gr Diployteck me ment Alarinis Cuff	folume	ECG ART PA FEM CVP	Color Set
Real time Trend Gr	aph Configuration	ECG ART PA FEM CVP	
Alarms Off	Selection	CVP	
low Alarme UFF On the CIC	Gree Gree	RA LA ICP SP	
vinter Writer		UAC	
2 2 2	Cancel Print Jobs Cancel Print Jobs	SP02 C02	
al Electric Company - All rights	s reserved.		
	inter/Writer	A Electric Company - All rights reserved.	ICP SP UAC UVC RESP SP02 Cancel Print Jobs SP02 C02 VElectric Company - All rights reserved.

Service-level defaults

CAUTION

QUALIFIED PERSONNEL — The service mode is intended for use only by qualified personnel with training and experience in its use. The consequences of misuse include loss of alarm configuration, loss of patient data, corruption of the CIC Pro center's operating system software, or disruption of the entire Unity Network. Unless you are using the password protected CIC Pro center service mode, the service-level defaults appear in light, dimmed text.

To configure the service-level defaults, see the CIC Pro Clinical Information Center Bedrock Platform Service Manual.

User-level defaults (persistent)

In user mode, all of the controls are view-only. You must be in the Service mode to set defaults. For more information, refer to CIC Pro Clinical Information Center Bedrock Hardware Platform Service Manual.

Telemetry unit defaults

This option sets telemetry unit default settings. In user mode, all of the controls are view-only. You must be in the Service mode to set the *Telemetry Unit Defaults* at the CIC Pro center.

To view the telemetry unit default settings, click *CIC Setup* > *Telemetry Unit Defaults*.

CIC Defaults Telene	ry Unit Defaults Talametry Alarm Carinol Defaults	Current Telemetry Listing
Graph Setup Default Locations for this	CG Depter Lead	
Asthesistory an	Lead Anderic Middlewi P	
Alam ASTHEODIM 2H	r ST Analysis	
PiertWindow	Valeed Valeed	
ARTHOROW 204	Detect Pace	
Wereforms		
ECG 1 Wavefor	2	
Wavetom 2 Waveton	4	
Transmitter Graphs Dn	Patent Age	
Mann Graph:	Alam Pause Breakthrough:	
Constant office 100	Event Marker	

502A