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LUCAS[®] 3 chest compression system, v3.1

Implementation guide





The LUCAS® 3 device, version 3.1 with wireless connectivity to the LIFENET® System, allows for device configuration, post-event reporting and asset management. This Implementation Guide provides a comprehensive step by step instruction on how to configure the LUCAS device assign setup options and define e-mail addresses to receive reports and notifications.

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Set-up and configuration

LIFENET user account

The e-mail address associated with the LUCAS Device Administrator provided with the LUCAS device purchase will receive a user account e-mail from the LIFENET System.

LIFENET[®] System



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Your LIFENET System user account has been created.

Please logon to the LIFENET System website using the credentials listed below to configure your profile. <u>https://www.lifenetsystems.com</u>

Logon Name: user

Password: password

- Click the link in the e-mail to get started. At first login you will change your password.
- Note: If you cannot locate this e-mail, search your inbox or junk/trash folders for "LIFENET System: Your account was created".
- **Note:** If your facility or agency already has an existing LIFENET Account proceed to next section "Defining LUCAS device setup options".

Defining LUCAS device setup options

Your LUCAS device is delivered with factory default settings*. If you do NOT want to change any of the factory default settings of your LUCAS device, proceed to section "Configuring the LUCAS device for Wi-Fi".

If you want to change the default settings, this should be done only under the direction of a physician who is knowledgeable in CPR and familiar with CPR literature.*

• On your LIFENET account home page, click on "Setup Options".

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	III <u>Home</u>	III Assets	*** My Network	∷ <u>System</u>	# <u>Account</u>	₩ <u>My Settings</u>	III Downloads	₩ <u>Help</u>	III Log Off
E	zDemo - Field	l Sales							
	Device Se	oftware and	Setup Optior	IS					
Cre	eate and manage	e sets of LIFEPA	K device setup opt	tions. Tip: You	can click the icor	ns in the Actions col	lumn to perform th	ne action you ne	eed.
+0	Create Setup (Options						O,	Search 뤔 Print
Nar		Device M	odel Software Ve		d Software Usa				

Note:	If you cannot see "LUCAS 3 - 3.1 - Default Profile", your LIFENET account has not been updated
	for LUCAS capabilities. Please contact your local sales representative.

• On the right side under "Actions", click on the symbol for "Edit Setup Options".



LUCAS 3.1 - Default Profile LUCAS 3 LUCAS 3 - 3.1 🗸 Setup Options Management 🕧 Assign to devices

*LUCAS factory default settings are consistent with 2015 AHA and ERC guidelines for CPR. Please refer to the LUCAS 3, v3.1 Instructions for Use 101034-00, chapter 9, for a complete description. Use the "LUCAS 3, v3.1 Defining setup options GDR 3336793" guide for an overview and to help define the setup options. Both materials are available at https://www.strykeremergencycare.com/learn-and-train/product-resources/.

• Follow on-screen steps to change your LUCAS device Setup Options using the drop down menus.

NAVI	GATION STEPS:	STEP 1/9: Setup Option:	2	
	Setup Options	Edit details for current setup	o options profile:	
	Compression	Setup Options Profile	LUCAS 3 - 3.1 - Default Profile	
	Ventilation	Name	ECONO O C.1 DEIGUETTORIE	
	Suction Cup Start Position			
	Pressure Pad Release	Device Model	LUCAS 3	\sim
	Timers	/		
	Data Transmission	Software Version	LUCAS 3 - 3.1	\sim
	Assign to Devices			
	Summary			
		CANCEL SAVE	AND CLOSE	NEXT

- **Note:** The LUCAS device is delivered with factory default settings and the existing name for this setup options profile is "LUCAS 3 3.1 Default Profile". You can change the setup options profile name in navigation step 1 (see above image).
 - Hover over the fields for additional information.
- **Note:** LUCAS factory default settings are in bold.

NAV	/IGATION STEPS:	🗘 ST	EP 2/9: Compression			
1	Setup Options	Power	r On			
2 3	Compression Ventilation	Rate	e at Power ON	111 compressions/	'min	\vee
4 5	Suction Cup Start Position Pressure Pad Release	n Con	npression Depth	2.1 inches / 53 mm	1	\sim
6 7	Timers Data Transmission	Chang	ge Rate During Operati	Default compression de	epth can be set to a value be to 53 ±2 mm.	tween 1.8 and 2.1 ±0.1 inches / 45
8	Assign to Devices	Allo 102	w Changing Rate to compressions/min	Off		\sim
y	Summary	Allo 120	w Changing Rate to compressions/min	Off		\sim
NAVIO	SATION STEPS:	STEP 2/9: Compressi	on		AS 3 - 3.1 - Default Profile	
1	Setup Options	Power On				
2 3	Compression Ventilation	Rate at Power ON	111 compressions/min		\sim	
4 5	Suction Cup Start Position Pressure Pad Release	Compression Depth	2.1 inches / 53 mm		^	
6 7	Timers Data Transmission	Change Rate During Open	ati 1.77 inches / 45 mm			
9	Assign to Devices Summary	102 compressions/min Allow Changing Rate to	1.81 inches / 46 mm			
		120 compressions/min	1.85 inches / 47 mm		V	

• You may need to scroll the drop down menu to see all setup options.

IGATION STEPS:	STEP 2/9: Compression		
Setup Options	Power On		
Compression Ventilation	Rate at Power ON	111 compressions/min	\sim
Suction Cup Start Position Pressure Pad Release	Compression Depth	2.1 inches / 53 mm	~
Timers Data Transmission Assign to Devices	Change Rate During Operati Allow Changing Rate to	1.97 inches / 50 mm	
Summary	Allow Changing Rate to	2 inches / 51 mm	
	120 compressions/min	2.04 inches / 52 mm	
		2.1 inches / 53 mm	

- If you have not yet registered any LUCAS 3, v3.1 device on your LIFENET account the navigation step 8 "Assign to Devices" will be empty. Skip this step, and continue to step 9 "Summary". Review your setups, then check the box "Assign as default profile to new devices" if you want to make these settings default for all new LUCAS devices that are registered to your account. This means the created Setup Options profile will automatically be applied to all newly enrolled LUCAS 3 devices.
- If you have already registered LUCAS device(s) on your LIFENET account, they will appear in a list in step 8 "Assign to Devices". Check which devices you want the new setup options to be applied to, and continue to step 9 "Summary". Review your setups, then check the box "Assign as default profile to new devices" if you want to make these settings default for all new LUCAS devices that are registered to your account. This means the created Setup Options profile will automatically be applied to all newly enrolled LUCAS 3 devices.
- You may print out the summary of your device Setup Options for reference.



Configuring the LUCAS device for Wi-Fi

The LUCAS device has Bluetooth turned on as the factory default. A few steps are required to configure and enable LUCAS Wi-Fi.

To configure the LUCAS device/s for Wi-Fi you will need to have the following:

Your LUCAS 3 v3.1 device/s

Your local Wi-Fi information

- SSID (Wi-Fi name)
- Encryption type (WEP, WPA2)
- The Key (password)

Technical specifications:

Wi-Fi configuration tool requirements

- Must use WPA or WPA2 Wi-Fi security protocols
- Must use TKIP or AES Wi-Fi encryption
- Must use Personal (PSK) or Enterprise (EAP-TLS, TTLS or PEAPv0/EAP-MSCHAPv2) authentication
- Supports 2.4 GHz Wi-Fi networks only
- Supports hidden networks

Workstation/PC requirements

- Bluetooth 2.0+EDR compatible module using Microsoft® stack
- Windows[®] 7 or 10, 64-bit editions
- .NET Framework version 6.4.2 (installed automatically by Wi-Fi Configuration Tool)
- Outbound port 443 open for TCP/IP communication to our server
- On your LIFENET home screen go to "Download Software".

LIFENET[®] System

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:	= <u>Home</u>	III <u>Assets</u>	₩ <u>My Network</u>	₩ <u>System</u>	₩ <u>Account</u>	₩ <u>My Settings</u>	III Downloads	₩ <u>Help</u>	₩ <u>Log Off</u>
뭠	it≊≫antisi		Download	Software					
We	lcome							Account Nur Account Nar	nber:≣≉%%%%% ne:⊠≪%%%%
Qu	ick Links	Setup Options	Add Device	Manage Users	Download S	oftware			

- Click on "Download" next to the Wi-Fi Configuration Tool.
- Open and "Run" the Wi-Fi Configuration Tool.

LIFENET° System



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III <u>Home</u>	III Assets	My Network	₩ <u>System</u>	# <u>Account</u>	# My Settings	III Downloads	₩ <u>Help</u>	III Log Off
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Downloa	ds							
ooking for CODE	-STAT? if you ha	ave purchased CO	DE-STAT, you ca	n view your info	ormation and downle	oad the application	n from <u>My Netwo</u>	ork > CODE-
STAT Family Produ	<u>ucts</u> .							
Show: OAll	Gatewa	ays 🕘 Destir	iations 💽 C	ther	Filter by Applic	cation Type: Wi-F	i Configuration	Fool 🗸
Wi-Fi Config	uration Tool							
Download	6.4.4.40 /	64-bit (37.94	MB)					
Description:	Wi-Ei Configur	ation Tool 6 4 4 4	0 (64-bit)					
Release Notes:	System Requir	rements	o (or bic)					
Release Notes.	Wi-Fi Configur	ation Tool is teste	d on the followin	a operatina svs	tems:			
	• Windows 10	(64-bit)		5 1 5 7				
	VERSION CON							
	VERSION COM	IPATIBILITY	ork 4 6 2 to be i	netalled				
	Requires Micro	SOIL MET FIAMEN	UIK 4.0.2 LO DE I	instance.				

• Use the same credentials that you use to log into your LIFENET account. This is the LIFENET account on which your LUCAS device(s) will be registered and connect to.

First time you run the Wi-Fi Configuration Tool. Make sure to select your country.
First time you run the Wi-Fi Configuration Tool. Make sure to select your country.
select your country.

- **Note:** If you have several LIFENET accounts make sure to log in with the credentials for the relevant LUCAS LIFENET account.
- **Note:** You can only register each individual LUCAS device on one LIFENET account. LUCAS can only check in on one LIFENET account. If you have registered LUCAS on the incorrect account, delete your LUCAS device from this account (see section "Assigning new setup options" for how to delete a LUCAS device from your account).

• Follow the instructions on the screen to connect LUCAS to a PC using Bluetooth.



After a moment you should see the serial number of your LUCAS 3, v3.1 device appearing on your Wi-Fi Configuration Tool screen.

Wi-Fi Configuration Tool		-	Search Descent Pro-	x
Connect LUCAS 3 device				
Choose a device to connect:				
35185786				
$\beta_{\alpha\beta}^{\rm Me}$ Searching devices				
Help	<u>B</u> ack	<u>N</u> ext	<u>C</u> ancel	

Note: This may take up to 2 minutes.

• Select the serial number of the LUCAS device you want to connect and click "Next".



Troubleshooting

If no LUCAS device/s is/are detected;

- 1. Ensure that the Bluetooth LED on LUCAS user interface is blinking, if not, go back to previous step to initiate the LUCAS Bluetooth connection.
- 2. Make sure your PC Bluetooth is ON and discoverable.
- 3. Make sure you are using the Microsoft Bluetooth enumerator and you have the latest installed.
- 4. If the above doesn't work, try with a Bluetooth USB dongle.

When you have established Bluetooth connection between your PC and the LUCAS device you are able to give the LUCAS device a description (i.e. Medic 10 or ED 5). This description must be no longer than 32 characters.

The device description can also be edited within your profile in LIFENET under "Assets / edit asset" later on.

		· · · · · · · · · · · · · · · · · · ·
Your LUCAS 3 device	must be registered on the LIFENET System befor	re it can connect to a WI-FI network.
lo register your devic	e, provide the serial number of your device and	a description, and click Next.
Device serial number:	35185786	LUCAS® 3 TYPE: XXXXXX-XX
Note: You can find the shown on the picture.	e serial number on the device's sticker as	FOLLOW INSTRUCTIONS FOR USE Rx Only
Device description:	Kalle	INPUT: 12-28VDC == 90VA Contention of the solution of the solu
Type a friendly name	to describe the location of your device.	CONFORMS TO LANK SEGNON-1: 2005 (A1: 2012 Intertek 40000077 PAKCSA (22 No. 606/1-1: 2014 CANCSA (22 NO. 606/1-1: 2014 CANC

Click "Next"



• Choose a network



Note: Device supports up to 6 Wi-Fi connections.

- In this case "physio-guest" was selected
- Fill in "Security key"

Available networks		Network name:	physio-guest	
nl physio-guest		Security key:	•••••	
LUCAS_production		Optionally click network settings	Test Connection to initia	te a test of your
II DLAB	E			Test Connection
ELSYSc493000ecfc0				
n q2d				
ll zberg				
III MTEK				
I SICS Lund Fast	-			

• Click "Test Connection" before you go to "Next". By doing this you are testing the network connection is functioning.

Available networks		Network name:	physio-guest	
nll physio-guest		Security key:	•••••	
LUCAS_production		Optionally click network settings	Test Connection to initiate	a test of your
III DLAB	E			Test Connection
III ELSYSc493000ecfc0	D III			
ull q2d				
III zberg				
III MTEK				
III SICS Lund Fast	Ŧ			

Note: It takes up to a minute to do test connection.

Avai	lable networks		Network name: physio-guest		
ull	LUCAS_production	Â	Security key:	•••••	
att	physio-guest		Optionally click Test Connection network settings.	n to initiate a	a test of your
att	q2d	E	Test Successful		Test Connection
all	ELSYSc493000ecfc0		Click Next to apply your networ device.	rk settings to	o your LUCAS 3
all	МТЕК				
all	zberg				
ull	Zederberg Managment				
all	SICS Lund East				

• After confirming the successful test, click "Next"

WI-Fi Configuration Tool	Wi-Fi Configuration Tool
Applying Wi-Fi settings	Update successful
Updating	physio-guest is set up as your LUCAS 3 device's primary network. Updated
Help Diest Cancel	Click Back If you wind to modify these settings. Click Next If you are satisfied with this configuration. Help Back Next Cancel

Now you have set up your LUCAS 3 device for a Wi-Fi network. If you want to configure another LUCAS 3 device for Wi-Fi, check this box. If your are finished, check this box instead and close the Wi-Fi Configuration Tool.

Vi-Fi Configuration Tool	Amount Cont
Select a task	
What would you like to do?	
Configure another LUCAS 3 device	
Finished	
Help	Close

Note: You need to run the Wi-Fi Configuration Tool for each LUCAS 3, v3.1 device you want to configure to Wi-Fi.

Important: By finishing the Wi-Fi Configuration Tool, you have now established a Wi-Fi connection with LIFENET and the LUCAS device but you have not yet exchanged any device or setup data between LIFENET and LUCAS (i.e. "checked in" LUCAS to LIFENET).

You will see your LUCAS device registered in your LIFENET account under the Asset menu, but there is no LUCAS data or setup information yet.

LIFENET [®] System stryker										
(UTC-07:00) Pacific Time (US & Canada)										
# Home	::: <u>Assets</u>	III My Network	₩ <u>System</u>	# Account	₩ <u>My Settings</u>	I Downloads	₩ <u>Help</u>	:	# <u>Log Off</u>	
🗄 🛤 katal										
III Assets										
Enter identifying info	rmation for all assets	owned by your or	ganization. Tip: You	u can click the ico	ons in the Actions colu	mn to perform the	action you	need.		
View Assets by Devic	e state	~		View A	Assets by Dev	ice state				
한 Add Asset 🚳	Manage Setup Option	<u>ns</u>				Show Lower-Level	Assets	Export to E	xcel 🔍 Search	
<u>Asset Type</u>	<u>Serial</u> <u>Number</u> 4	Description	Device State	Device	e Reported Readiness		<u>evice</u> eported eadiness vate/Time	<u>Last Time</u> <u>Check</u>	Actions	
LUCAS 3.1	35185786	Kalle	Active	✓ ? N	o Data Available				९. । ४ <mark>४</mark> ३	

Checking in LUCAS to LIFENET

After Wi-Fi configuration the LUCAS device needs to be checked into LIFENET to be able to receive setup options profile, transmit device status data and post-event reports.

To check in and synchronize the device, do the following:

- 1. The LUCAS device is powered OFF.
- Press the TRANSMIT key on LUCAS. The LUCAS Bluetooth LED will blink for about 2 minutes and then the Wi-Fi LED will start to blink. Transmission will take at least 2-3 minutes, but may take longer.



Note: If there are many cases – i.e. Post-event reports – the device will transmit data for maximum 30 minutes, then the device will stop transmission. In this case you may have to press TRANSMIT again to continue to send all use data. When the LEDs for Bluetooth and Wi-Fi go dark, the LUCAS device has sent and received all data to LIFENET account

To verify that the LUCAS device has checked in to LIFENET, refresh your LIFENET Asset page. You will see the "Device Reported Readiness" status is "Ready"



TRANSMIT key

Assigning new setup options

If you defined the LUCAS device setup options in your LIFENET account prior to the Wi-Fi configuration (directions within section "Defining LUCAS device setup options") and the "Assign as default profile for new devices" box was checked:

• All LUCAS devices that are registered and have checked in to this account will get the default profile automatically.

NA	VIGATION STEPS:	STEP 9/9: Summary	Name Your Profile
1	Setup Options	Please verify all setup options are con	rect before selecting FINISH
2	Compression	3/13/2018 15:39	LUCAS 3 - Setup options
3	Ventilation		
4	Suction Cup Start Position		
5	Pressure Pad Release	1. Setup Options	
6	Timers	Setup Options Profile Name	Name Your Profile
Ň		Device Model	LUCAS 3
7	Data Transmission	Software Version	3.1.4.26
8	Assign to Devices		
9	Summary	2. Compression	
		Rate at Power ON	102 compressions/min
		Compression Depth	2.1 inches / 53 mm
		Allow Changing Rate to 111 compressions/min	Off
		Allow Changing Rate to 120 compressions/min	Off Assign devices
		Assign as default profile for ne	w devices Print Summary

If no setup options profile was created prior to Wi-Fi configuration, or if the box for "Assign to as default profile to new devices" was not checked, do following to create a new setup options profile:

- 1. Follow, "Defining LUCAS device setup options" in this Guide.
- 2. Select the LUCAS device/s you want to apply this setup profile to (registered LUCAS devices will be visible in navigation step 8 "Assign to Devices").

NAV	IGATION STEPS:	STEP 8/9: Assign to Dev	vices	LUCAS 3 - 3.1	- DEMO setup sales EMEA			
	Setup Options Compression	Assign setup options to dev	rice(s)	Search Q Y				
	Ventilation Suction Cup Start Position Pressure Pad Release	Serial #	Device Description	Assigned Setup Options	Software Version			
	Timers Data Transmission	35185786	Kalle	LUCAS 3 - 3.1 - DEMO setup sales EMEA	LUCAS 3 - 3.1			
	Assign to Devices Summary							
		1 device(s) available			1 device(s) selected			
		CANCEL SAVE	AND CLOSE	BA	CK NEXT			

- 3. Check in your LUCAS device to receive its new setup options profile.
 - 1. Make sure the LUCAS device is powered OFF.
 - 2. Press TRANSMIT key on the LUCAS device.
 - 3. The LUCAS device will check in to LIFENET Asset via Wi-Fi and get the assigned setup options profile.
 - Bluetooth LED will blink for 2 minutes, then the Wi-Fi green LED will blink during connection and transmission to Wi-Fi. This may take a couple of minutes depending on how many cases are being transmitted. Setup options are prioritized to be transmitted before case data.

When the LEDs stops blinking the LUCAS device will have the new assigned setup options profile.

Note: The Bluetooth and Wi-Fi turns off automatically when the LUCAS device has checked in to LIFENET Asset and received/sent all data, if the transmission of all data is completed within less than 30 minutes. The device will turn off transmission automatically after 30 minutes, so you may need to press the TRANSMIT key again to allow for many cases to be transmitted.

Double check on your LIFENET account that the LUCAS device has received the assigned setup options profile

- If you have LIFENET open, refresh the page.
- Click on "Assets/Assets" to see the LUCAS devices registered on your account.

LIFENET [®] System										-	stryker
							(UTC-07:00) Paci	fic Time (US & Ca	nada)		
	₩ <u>Home</u>	III Assets	# My Network		<u>System</u>	# Account	III My Settings	III Downloads	₩ <u>Help</u>		III Log Off
뭠		⊯ <u>Assets</u>									
Welcome		··· Device Sortware	e and Setup Option	<u>15</u>						Account	Number: BS\$68400
		** Device Agent A	<u>pplications</u>							Account	Name: 🕰 🚓 🖓
Qu	ick Links Setu	🗰 <u>Wi-Fi Configura</u>	tion Tool Applicatio	<u>ins</u>	s Downlo	ad Software					

• On this account there are two LUCAS devices synchronized, one that requires synchronization and one device that requires enrollment.

LIFENET[®] System

				(UTC-07:00) Pacific Time (US & Canada)						
	⊯ <u>Home</u>	III Assets	<u>My Network</u>	₩ <u>System</u>	# Account	III My Settings	III Downloads	₩ <u>Help</u>	₩ Log Off	
뭠				~				di dati		
	Assets									
Ent	Enter identifying information for all assets owned by your organization. Tip: You can click the icons in the Actions column to perform the action you need.									

View Assets by Device software configuration V

Add Asse	t 🚯 Manage S	Setup Options	Show Lower-Level Assets Export to Excel				
Asset Type 🔺	Serial Number	Description	Synchronization State	Software Version	Setup Options	Actions	
LUCAS 3	3518A169	Lucas	Synchronized	LUCAS 3 - 3.1	LUCAS 3 - 3.1	ঀ᠍৵Ⅹ৫৴	
LUCAS 3	3518D142	LUCAS 3	Synchronized	LUCAS 3 - 3.1	LUCAS 3 - 3.1	<u> </u>	
LUCAS 3	3519E137	Lucas3.1	Synchronization Required	LUCAS 3 - 3.1.4.27 *	LUCAS 3 - 3.1.4.27	<u> </u>	
LUCAS 3	3518D073	LUCAS3-3518D073	Enrollment Required	Unknown	Unknown	Q 🛛 🛠 🗙 🍠	

- For asset details, click on the magnifying glass **Q**. Here you'll find basic info about the device, the assigned setup options profile etc.
- To delete a LUCAS device registered as an asset on your LIFENET Asset account, click on the X.

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Managing set up and software via Bluetooth

LIFENET Device Agent (LDA) is designed to help you manage software and setup options within your LUCAS device via Bluetooth. The LDA is a software program part of the LIFENET System's Asset Management functionality. It is installed on a local computer and used to transfer software and setup options from the LIFENET System to the LUCAS device.

The primary way to get setup options in the LUCAS device is to setup Wi-Fi and get the setup options over-the-air; however, LDA is the only way to update the software on the LUCAS device and an alternate way to manage setup options.

After initial registration and setup of devices, you can manage software updates and setup options in LIFENET Asset.

Registering a device with the LIFENET System

To register your device with the LIFENET System and apply setup configurations follow the steps below:

1. From your LIFENET account, install LDA from the downloads page.



- 2. Install and run LIFENET Device Agent.
- 3. Log On with the same credentials from the LIFENET System.
- 4. Select the LUCAS device from options.
- 5. Make sure the LUCAS device is powered OFF. Press the TRANSMIT key on the LUCAS device to activate Bluetooth. Select device once populated to connect.



6. Select device and click 'Next".



7. Enter device description and device serial number.

📖 LIFENET Device Agent	×
Device Registration Your LUCAS 3 device must be registered.	
Your LUCAS 3 device must be registered on the LIFENET System Device Agent. Device description:	before it can be managed with the LIFENET
SC-REDMOND	
Type a friendly name to describe the location of your device. Device serial number:	FOLLOW INSTRUCTIONS FOR USE Rx Only FOR USE Rx Only FOR USE
35172329	Interiek 4000077 IP 43 Parket State Parket
To register your device, provide the serial number of your device ar	nd a description, and click Next.
To cancel the registration of your device, click Cancel.	
<u>H</u> elp	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

8. Device is now registered to be managed within LDA.

📾 LIFENET Device Agent 🛛 🗙									
Device Status Your LUCAS 3 device has been successfully registered.									
V	Your LUCAS 3 device has been successfully register managed through the LIFENET System website. LIFENET System automatically assigned the specifier and the setup options need to be applied to your dev	ed on the LIFENE d setup options pr ice.	T System. It can n	iow be S 3 device,					
To continu Help	ue, click Next.	< Back	Next >	Cancel					

9. Device will automatically be assigned to the setup options specified within the LIFENET System, instructions under section "Assigning new setup options" in this guide. Advance to assign this setup to your device.

IIFENET Device Agent			×		
Device Communication Transferring setup options and software.					
Warning: Do not turn off the device or the PC. Your device may require service if this operation is not completed.					
Overall progress	00:02				
Reading setup o	ptions				
Help	< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ancel		

IFENET Device Agent					
Device S Your device	Status ice has been successfully upgraded.				
V	The setup options have been successfully updated on your device as specified on the L System.	IFENET			
To manage another LUCAS 3 device, select the option below and click Next.					
Manage another LUCAS 3 device					
To continue otherwise, click Next.					
<u>H</u> elp	< <u>B</u> ack <u>N</u> ext >	<u>C</u> ancel			

LIFENET Asset notifications

LIFENET connectivity allows for great asset insight and management of your LUCAS device.

When connected to Wi-Fi:

- Every time you push the TRANSMIT key on the LUCAS device, when the device is in Power OFF mode and in range of a known Wi-Fi network, battery and device information will be updated in your LIFENET account.
- LIFENET Asset will allow you to view and receive notifications for when your devices need software updates or are in need of service.
- Sign up for e-mail asset notifications under "Account/Notifications" and "General notifications".

LIFENET[®] System

(UTC-07:00) Pacific Time (US & Canada)

My Notifications		? Notifications Description
General Notifications		

Explanation of notifications

Needs Attention

- Includes "Battery Expiring" – 20 uses or 3 months to go

Not Ready

- Includes "Battery Expired" over 200 uses or 4 years
- Includes "Self Test" if device failed a self test on startup

Outdated

• Device has not exchanged data with LIFENET in 14 days. Not an indication of malfunction.

Synchronization required

• Device has new software updates that need to be installed.

Post-Event Data Review

LUCAS Post-Event Report via Wi-Fi

After each LUCAS use where a compression was delivered, the LUCAS device can transmit data to LIFENET and create a LUCAS device Post-Event Report. This report can be delivered automatically to any pre-designated email address(es).

• The e-mail contains a LUCAS Post-Event Report in PDF format which includes a LUCAS Device Summary, Time Graph, and Event Log.

You can generate a LUCAS Post-Event e-mail in two ways:

Manual transmission

- With the device in Power OFF mode and in a known Wi-Fi network, press the TRANSMIT key. The LEDs next to the key will blink. Once transmission is complete the device will turn off the transmission.
- **Note:** The LUCAS device will transmit all cases that have not been downloaded, starting with the most recent, and transmitting data for max 30 minutes. If there are many files to transmit or your network is slow you may need to initiate multiple transmissions.



Automatic transmission

• In the Setup Options you can enable "Auto-Transmit at Charging" and the LUCAS device will automatically send device data every time the LUCAS device is connected to the External Power Supply for charging, in power OFF mode, and in range of a known network.

Defining e-mails receiving Post-Event Reports

- Administrators of the LIFENET account are automatically opted-in to receive all the LUCAS Post-Event Reports (manual transmission) at their registered e-mail address.
- To add additional e-mail recipients go to "Account / Users" and then select "Add User". You can create a LUCAS Report User profile and add multiple e-mail addresses to receive the Post-Event Report.

UIFEENEE® System (urc-07:00) Pacific Time (US & Canada) I Home I Home I Home I Hoses I Users Enter Identifying Information for all users in your organization. Tip: You can click the Icons in the Actions column to perform the actions you need. Show users in role: Add User Image: Image

• To activate or deactivate the LUCAS Post-Event Report e-mail, go to "My Settings / My Notifications" and check/uncheck the "LUCAS Summary Report" box under "General Notifications".

LIFENET [®] System stryker									
			(UTC-0)	7:00) Pacific Time					
	₩ <u>Home</u>	III Assets	# My Network	⊯ <u>System</u>	III Account	₩ <u>My Settings</u>	III Downloads	₩ <u>Help</u>	III Log Off
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	My Notifications						? Notifications Description		
	General Notifications								

LUCAS Post-Event Report via Bluetooth with DT EXPRESS 11 data transfer software

DT EXPRESS software enables you to use Bluetooth to easily download, store, edit and print patient case information from the LUCAS device. By connecting a device to your computer, you can export data for review and storage.

For full instructions on how to download post-event reports with DT EXPRESS please reference the "LUCAS post-event report via Bluetooth, Quick user guide" separate from this document.

LUCAS Post-Event data review in CODE-STAT 11 data review software

CODE-STAT 11 software allows for merging of LUCAS 3, v3.1 device data with the associated LIFEPAK device data file(s) for more comprehensive post-incident review and quality assurance.

You can transfer data from the LUCAS device to post-event review tools using LIFENET System via Wi-Fi or DT EXPRESS data transfer software 11 or higher via Bluetooth.

For instructions how to interpret the LUCAS file and merge with LIFEPAK cases, please refer to the "CODE-STAT 11 Basic Annotation Handbook" and the "CODE-STAT 11 Advanced Annotation Handbook". These documents can be found on the LIFENET System Resource Center tab.

Support Resources

- Please refer to the LUCAS 3 Chest Compression System Instructions for Use (version 3.1) 101034-00 for complete directions for use indications, contraindications, warnings, cautions, and potential adverse events. The Instructions for Use are included with your device or can be obtained at www.strykeremergencycare.com.
- To plan your setup options, use the LUCAS 3, v3.1 Defining Setup Options Checklist GDR 3336793, available at www.lucas-cpr.com/resources.
- For detailed assistance within your LIFENET account please refer to the "Help" on your account page.
- If you still require help please click on "Contact Physio-Control" at the bottom of your LIFENET account page.
- For all other inquiries please contact your local Stryker representative.

The LUCAS 3 device is for use as an adjunct to manual CPR when effective manual CPR is not possible (e.g., transport, extended CPR, fatigue, insufficient personnel).

For further information, please contact Stryker at 800 442 1142 (U.S.), 800 668 8323 (Canada) or visit our website at strykeremergencycare.com

Emergency Care

This document is intended solely for the use of healthcare professionals. A healthcare professional must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that healthcare professionals be trained in the use of any particular product before using it.

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Manufactured by:

Scheelevägen 17 Ideon Science Park SE-223 70 LUND, Sweden

Distributed by:

Physio-Control, Inc. 11811 Willows Road NE Redmond, WA, 98052 U.S.A. Toll free 800 442 1142 strykeremergencycare.com

Distributed by:

Stryker Canada 2 Medicorum Place Waterdown, Ontario L8B 1W2 Canada Toll free 800 668 8323