



Map shows GCE facility locations



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CLARITY TELEMONITORING PLATFORM

BETTER INFORMED, BETTER CARE...

COST-EFFECTIVE REMOTE MONITORING FROM ANY DEVICE, ANYWHERE

Clarity from GCE Healthcare, is a secure telemonitoring platform that uses smart, secure and connected technology to help you – the home oxygen provider – remotely monitor GCE's Zen-O™ portable oxygen concentrator (POC).

With a wealth of information at your fingertips, you can reduce operating and maintenance costs by planning time and resources more efficiently and effectively.

Clarity's user-friendly system allows you to check on device performance closely and easily. Using a desktop, laptop, tablet or mobile, you can access the data 24/7 from anywhere in the world.



HOW CLARITY WORKS

Clarity enabled Zen-O™ POCs use cellular technology to securely transmit data between POC and the cloud.



Patients, their families and caregivers can also access the platform – providing an enhanced network of support.



As long as there is cellular network in the area, Clarity will deliver data daily – even when patients are travelling abroad*.

*Please see page 10 for a list of countries covered by Clarity

BENEFITS FOR O₂ PROVIDERS

By adopting Clarity, you can enjoy the benefits of operational efficiencies and reduced costs gained from being able to monitor any device, anywhere, while improving patient care.

COST SAVINGS USING PREDICTIVE MAINTENANCE

Reduce your operating costs by planning when and how you use your resources. With predictive maintenance, you will receive a notification when components, such as the compressor, need to be serviced or changed.

FLEET VISIBILITY ANYWHERE IN THE WORLD

You can log-in to Clarity to locate your enabled Zen-O™ portable oxygen concentrators (POCs), check their status and evaluate performance. From the easy-to-use dashboard, you can monitor:

- oxygen purity
- compressor and sieve status
- battery charge cycles
- device usage history
- fault codes and more

EASY-TO-UNDERSTAND TRAFFIC LIGHT ALARM SYSTEM

Using a simple traffic light alarm system, you can see how your assets are performing anywhere in the world*. Detect any issues with a POC before they happen and save time and resources in response.



ACT FAST WITH EMAIL NOTIFICATION OF FAULTS

Email alerts prompt you to log-in to the platform and investigate any potential faults – enabling you to act quickly if there is a fault. This saves you time and money as well as impressing your patients with your proactive service and support.

IMPROVE SERVICE LEVELS WITH PROACTIVE CARE

With Clarity you can also improve service levels to patients through proactive visits. If a technician is visiting an area and a local POC indicates a potential issue or a scheduled component replacement is required (flagged by an amber alert), the technician can be sent to deal with it while they are in the vicinity.

You will generate positive feedback from happy customers, which you can position when you re-tender.

EASILY GENERATED REPORTS

Clarity can generate reports for a single device or your entire fleet.





Dashboard			
Reports			
Administration			
Home Service Logout			
Key			
Attention Caution OK			
Device ID	Description	Status	Last Connected
QART01	QART01	OK	2017-11-14 10:40:12.791
QART02	QART02	OK	2017-11-13 16:27:12.861
QART03	QART03	OK	2017-11-14 12:27:28.911
QART04	QART04	OK	2017-11-13 10:32:24.381
QART05	QART05	OK	2017-11-13 10:30:01.791
QART06	QART06	OK	2017-11-14 11:30:11.741
QART07	QART07	OK	2017-11-14 10:44:10.421
QART08	QART08	OK	2017-11-13 10:30:19.441
QART09	QART09	OK	2017-11-14 14:31:45.386
QART10	QART10	OK	2017-11-13 10:30:55.810
QART11	QART11	OK	2017-11-13 10:30:10.881
QART12	QART12	OK	2017-11-13 10:30:10.881
QART13	QART13	OK	2017-11-13 10:30:10.881
QART14	QART14	OK	2017-11-13 10:30:10.881
QART15	QART15	OK	2017-11-13 10:30:10.881
QART16	QART16	OK	2017-11-13 10:30:10.881
QART17	QART17	OK	2017-11-13 10:30:10.881
QART18	QART18	OK	2017-11-13 10:30:10.881
QART19	QART19	OK	2017-11-13 10:30:10.881
QART20	QART20	OK	2017-11-13 10:30:10.881
QART21	QART21	OK	2017-11-13 10:30:10.881
QART22	QART22	OK	2017-11-13 10:30:10.881
QART23	QART23	OK	2017-11-13 10:30:10.881
QART24	QART24	OK	2017-11-13 10:30:10.881
QART25	QART25	OK	2017-11-13 10:30:10.881
QART26	QART26	OK	2017-11-13 10:30:10.881
QART27	QART27	OK	2017-11-13 10:30:10.881
QART28	QART28	OK	2017-11-13 10:30:10.881
QART29	QART29	OK	2017-11-13 10:30:10.881
QART30	QART30	OK	2017-11-13 10:30:10.881
QART31	QART31	OK	2017-11-13 10:30:10.881
QART32	QART32	OK	2017-11-13 10:30:10.881
QART33	QART33	OK	2017-11-13 10:30:10.881
QART34	QART34	OK	2017-11-13 10:30:10.881
QART35	QART35	OK	2017-11-13 10:30:10.881
QART36	QART36	OK	2017-11-13 10:30:10.881
QART37	QART37	OK	2017-11-13 10:30:10.881
QART38	QART38	OK	2017-11-13 10:30:10.881
QART39	QART39	OK	2017-11-13 10:30:10.881
QART40	QART40	OK	2017-11-13 10:30:10.881
QART41	QART41	OK	2017-11-13 10:30:10.881
QART42	QART42	OK	2017-11-13 10:30:10.881
QART43	QART43	OK	2017-11-13 10:30:10.881
QART44	QART44	OK	2017-11-13 10:30:10.881
QART45	QART45	OK	2017-11-13 10:30:10.881
QART46	QART46	OK	2017-11-13 10:30:10.881
QART47	QART47	OK	2017-11-13 10:30:10.881
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QART49	QART49	OK	2017-11-13 10:30:10.881
QART50	QART50	OK	2017-11-13 10:30:10.881
QART51	QART51	OK	2017-11-13 10:30:10.881
QART52	QART52	OK	2017-11-13 10:30:10.881
QART53	QART53	OK	2017-11-13 10:30:10.881
QART54	QART54	OK	2017-11-13 10:30:10.881
QART55	QART55	OK	2017-11-13 10:30:10.881
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QART60	QART60	OK	2017-11-13 10:30:10.881
QART61	QART61	OK	2017-11-13 10:30:10.881
QART62	QART62	OK	2017-11-13 10:30:10.881
QART63	QART63	OK	2017-11-13 10:30:10.881
QART64	QART64	OK	2017-11-13 10:30:10.881
QART65	QART65	OK	2017-11-13 10:30:10.881
QART66	QART66	OK	2017-11-13 10:30:10.881
QART67	QART67	OK	2017-11-13 10:30:10.881
QART68	QART68	OK	2017-11-13 10:30:10.881
QART69	QART69	OK	2017-11-13 10:30:10.881
QART70	QART70	OK	2017-11-13 10:30:10.881
QART71	QART71	OK	2017-11-13 10:30:10.881
QART72	QART72	OK	2017-11-13 10:30:10.881
QART73	QART73	OK	2017-11-13 10:30:10.881
QART74	QART74	OK	2017-11-13 10:30:10.881
QART75	QART75	OK	2017-11-13 10:30:10.881
QART76	QART76	OK	2017-11-13 10:30:10.881
QART77	QART77	OK	2017-11-13 10:30:10.881
QART78	QART78	OK	2017-11-13 10:30:10.881
QART79	QART79	OK	2017-11-13 10:30:10.881
QART80	QART80	OK	2017-11-13 10:30:10.881
QART81	QART81	OK	2017-11-13 10:30:10.881
QART82	QART82	OK	2017-11-13 10:30:10.881
QART83	QART83	OK	2017-11-13 10:30:10.881
QART84	QART84	OK	2017-11-13 10:30:10.881
QART85	QART85	OK	2017-11-13 10:30:10.881
QART86	QART86	OK	2017-11-13 10:30:10.881
QART87	QART87	OK	2017-11-13 10:30:10.881
QART88	QART88	OK	2017-11-13 10:30:10.881
QART89	QART89	OK	2017-11-13 10:30:10.881
QART90	QART90	OK	2017-11-13 10:30:10.881
QART91	QART91	OK	2017-11-13 10:30:10.881
QART92	QART92	OK	2017-11-13 10:30:10.881
QART93	QART93	OK	2017-11-13 10:30:10.881
QART94	QART94	OK	2017-11-13 10:30:10.881
QART95	QART95	OK	2017-11-13 10:30:10.881
QART96	QART96	OK	2017-11-13 10:30:10.881
QART97	QART97	OK	2017-11-13 10:30:10.881
QART98	QART98	OK	2017-11-13 10:30:10.881
QART99	QART99	OK	2017-11-13 10:30:10.881
QART100	QART100	OK	2017-11-13 10:30:10.881

HIGH-LEVEL DATA SECURITY AND STORAGE FOR PEACE OF MIND

GCE Healthcare takes data security very seriously and uses best-in-class security protocols to transmit and store data. Measures we have taken to secure data include:

- Use of a private and secure network, when transmitting data between the connected Zen-O™ and the Clarity platform
- Using secure sockets layer (SSL) protocols to authenticate and encrypt data during transmission to and from the Cloud, to provide privacy and data integrity
- Hosting the data with a leading industry Cloud supplier, who has a worldwide reputation for excellence in data security

In addition, password protection provides another layer of security with users only able to access the platform via username and password. Giving you and your patients peace of mind.

OPTIMIZE YOUR ASSETS

Clarity shows usage history of a connected Zen-O™ portable oxygen concentrator. Allowing you to decide whether a POC would be better deployed elsewhere, ensuring you do not deploy more POCs than required.

Clarity's cellular and GPS technology means you can track the location of POCs anywhere in the world* (subject to local laws, guidelines and patient consent).

For a list of the countries where you can monitor and track data without additional roaming fees, please see page 10.

*Please see page 10 for a list of countries covered by Clarity

CLINICAL BENEFITS AND VALUE TO PATIENTS

Clarity can help you and clinicians ensure your patients with a Zen-O™ portable oxygen concentrator, are both using it properly and adhering to their prescription.

Patients and their loved ones are provided reassurance and confidence with Clarity, because they can see how the connected Zen-O™ device is performing.

MANAGE PATIENT ADHERENCE TO PRESCRIPTION

Clinicians with access to Clarity can manage their patients' usage and help them stay with their prescription.

- It's good for patients' health
- Avoids costly hospital re-admissions
- Provides peace of mind for patients and their families



CLARITY FAQs

WHAT IS CLARITY?

Clarity is a secure web based telemonitoring platform that uses cellular technology and cloud services to securely transmit and host data about an enabled Zen-O™ portable oxygen concentrator (POC).

WHAT CAN I DO WITH CLARITY?

Clarity shows operational and performance data of connected Zen-O™ portable oxygen concentrators. These data points enable you to provide proactive care and support for patients. More features will be added to the platform that will further enhance patient care.

HOW CAN I ACCESS CLARITY?

Clarity is available when you sign up to the service and includes the option of giving your patients access to the platform. Both you and your patients will need a username and password to log-in to the platform using the web address www.gceclarity.com.

In addition, patients can grant their family, friends and caregivers access to the Clarity platform – giving patients an additional support network.

CAN I USE CLARITY ON MY MOBILE PHONE AND TABLET?

Yes, Clarity's web interface can be accessed from any internet enabled device.

DO I NEED WIFI FOR CLARITY TO WORK?

No, Clarity enabled Zen-O™ portable oxygen concentrators (POCs) use GSM/cellular technology to transmit data, so the enabled POC does not depend on wifi connection to transmit data or diagnose a fault on the device.

CAN THE ZEN-O™ PORTABLE OXYGEN CONCENTRATOR BE REPAIRED REMOTELY?

No, but with access to the Clarity platform you can remotely assess and evaluate the performance of a Clarity enabled Zen-O™ portable oxygen concentrator and may be able to provide advice that could resolve issues based on the data available.

IS MY ZEN-O™ AND ASSOCIATED DATA SECURE?

We take data security very seriously at GCE Healthcare. All data is hosted and transmitted securely by world class data and telecommunications providers.

CAN I HAVE MULTIPLE USER PROFILES?

There are multiple access profiles available on the Clarity network. This allows you to personalise the appropriate access rights and profile for a user.

HOW DO I SET UP A PATIENT?

Setting up a patient is simple for both you and them. No patient effort is required and there is no need to pair the enabled POC device to the patient's phone or wifi network. All enabled Zen-O™ devices are supplied with a ready to go SIM – allowing you to easily register the patient and pair their device on the Clarity platform. Instructions on how to do this are available in the Clarity user manual on the Clarity platform.

WHAT COUNTRIES DOES CLARITY COVER?

Clarity offers a global coverage for enabled Zen-O™ POCs, a full list of countries covered is available opposite.

COUNTRIES COVERED BY CLARITY

Afghanistan	Ecuador	Kyrgystan	Saint Kitts and Nevis
Albania	Egypt	Latvia	Saint Lucia
Anguilla	El Salvador	Lao	Saint Vincent and the Grenadines
Antigua and Barbuda	Estonia	Liechtenstein	Samoa
Argentina	Faroe Islands	Lithuania	Saudi Arabia
Armenia	Fiji	Luxemborg	Serbia
Aruba	Finland	Macao	Singapore
Australia	France	Macedonia	Slovakia
Austria	Gabon	Malawi	Slovenia
Azerbaijan	Georgia	Malaysia	South Africa
Bangladesh	Germany	Mexico	Spain
Barbados	Ghana	Malta	Sri Lanka
Belarus	Gibraltar	Mongolia	Suriname
Belgium	Greece	Moldova	Sweden
Belize	Greenland	Montenegro	Switzerland
Benin	Grenada	Montserrat	Taiwan
Bolivia	Guadeloupe	Myanmar	Tajikistan
Brazil	Guatemala	Nepal	Tanzania
Bristish Virgin Islands	Guinea	Netherlands	Thailand
Brunei Darussalam	Guyana	Netherlands Antilles	Tonga
Bulgaria	Haiti	New Zealand	Trinidad and Tobago
Burkina Faso	Honduras	Nicaragua	Tunisia
Burundi	Hong Kong	Nigeria	Turkey
Canada	Hungary	Norway	Turks and Caicos
Cayman Islands	Iceland	Oman	Uganda
Chad	India	Pakistan	Ukraine
Chile	Indonesia	Palestine, State of	UAE
China	Iran	Panama	United Kingdom
Colombia	Ireland	Papua New Guinea	United States
Congo, Republic of	Israel	Paraguay	Uruguay
Congo, The Democratic Republic	Italy	Peru	Uzbekistan
Costa Rica	Jamaica	Philippines	Venezuela
Croatia	Japan	Poland	Vietnam
Cyprus	Jordan	Portugal	Zambia
Czech Republic	Kazakhstan	Qatar	
Denmark	Kenya	Romania	
Dominica	Korea, Republic of	Russia	
	Kuwait	Rwanda	