

the experts in Technology Enabled ~~Care~~ Living



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'Let's get ready to Yorbl !'



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The Problems

MORE PUNCH
FROM YOUR
TELECARE



The Analogue to Digital Switchover

By 2025 Openreach and BT will have completed the switch off of the UK's Analogue telephone network - With c84% of UK Telecare devices still analogue, c1.7m people could lose their Telecare service overnight. Providers and Users **MUST** change these systems and time is rapidly running out.



The Ageing Population

By 2066 there is projected to be a further 8.6 million UK residents aged 65 years and over. The total number in this group could be 20.4 million, up to 26% of the total population. The fastest increase will be seen in the 85 years and over age group. This will place huge pressure on the UK's Social Care and Health services increases significantly. This is a global issue NOT confined to the UK.



The Legacy Mindset

To protect their markets, the traditional Telecare providers are **impeding innovation and progress** by both sticking to their traditional hardware based, "Big Red Button" approach and by resisting the facilitation of real "interoperability" with new technologies, effectively cutting their customers off from the new technologies they will need to successfully mitigate problems 1 & 2.



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The Yorbl Solution

"You can't solve a problem on the same level that it was created. You have to rise above it to the next level." –Albert Einstein



...worth making a song and dance about.



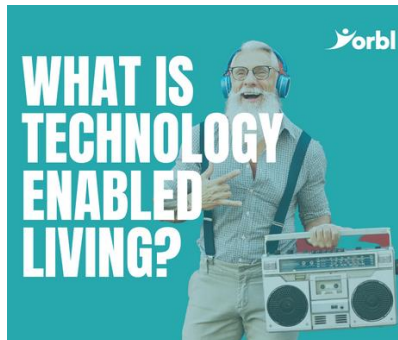
The Yorbl Digital Ecosystem

We are creating a unique, fully integrated "Digital Ecosystem" designed to replace the legacy analogue Telecare, Health and Community Living systems and devices currently used to support ageing and vulnerable people in both their own homes and supported living environments.



Data, Data, Data – Proactive NOT Reactive

Harness the power of "Big Data" and technologies such as AI, Machine Learning, Data Analytics etc. to inform and enhance every aspect of Care and Health service provision whilst prolonging independent living, improving outcomes and quality of life for the "End User".



Change the Image of Senior Care

Current Telecare and its' devices are seen as "Badges of Infirmary" and "one step from the grave".

Use visually impactful and meaningful storytelling to change the traditional image of Senior Care to one that depicts the "Art of the Possible" and how early engagement with technology can enhance and improve quality of life.



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Our Products & Services

Do you Yorbl?



Yorbl Core

The unique Android Digital Health & Care platform that is behind all of our Android Applications & Services



Yorbl Lifeline

Low Cost, entry level fully Digital Dispersed Alarm System



Yorbl Phone

Dual Functionality – Yorbl Lifeline Dispersed Alarm – Pick it up and it's a SMART Phone with “Senior Friendly” Interface



Yorbl Vita

Our feature rich, flagship Digital Dispersed Alarm System



Yorbl Amica Wearables

Digital Wearables that extend the safety net in and out of the home, as well as monitoring activity, health and wellbeing.



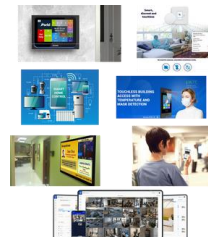
Yorbl Tab

Does everything that Yorbl Vita can do but remove from stand and it's a “Senior Friendly” Tablet



Yorbl Sensors

A growing range of sensors, including the innovative Vayyar Home WiFi Radar System, that can be placed around the home, room or dwelling to provide valuable data about the User's Wellbeing, Activity & Environment



Yorbl Community Living Solutions

Deployable as innovative standalone solutions or together, as part of a powerful integrated digital ecosystem, Yorbl products ensure housing, health and care providers have the information and tools which can in turn enhance the wellbeing, safety and lives of their customers. **All with R&D Support from the Surrey & Heartlands NHS Health Tech Accelerator Program**



Yorbl Analytics

Built in the secure Microsoft Azure Cloud and leveraging AI, Machine Learning, Predictive Analytics and more, Yorbl Analytics provides a graphical view of collected data in an easy to use and readily accessible format.



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Working in Partnership

"I can do things you cannot, you can do things I cannot; together we can do great things." – Mother Teresa



- as young as you feel -



Technology Partners



EUVIC:



Research Partners



Surrey and Borders Partnership
NHS Foundation Trust



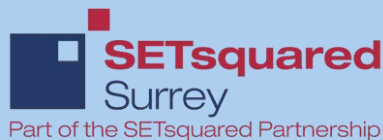
Surrey Heartlands
HEALTH AND CARE PARTNERSHIP

Kent Surrey Sussex
Academic Health Science
Network

ARC/Reseller Partners



Business Support Partners





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2021 Roadmap

"Give me six hours to chop down a tree and I'll spend the first four sharpening the axe." - Abraham Lincoln

MORE PUNCH
FROM YOUR
TELECARE



Q1 2022

- Initial Yorbl Commercial Launch
 - Yorbl Lifeline (on Nokia 1.4)
 - Yorbl Vita (on Nokia 1.4 and Lenovo M10)
 - Yorbl Amica Basic wearable Fall Detector
 - Yorbl Analytics Basic
- New Yorbl Website & Online Shop (see <https://webdev.yorbl.com/> for a "sneak preview")
- Commence working with Health Tech Accelerator

Q2 2022

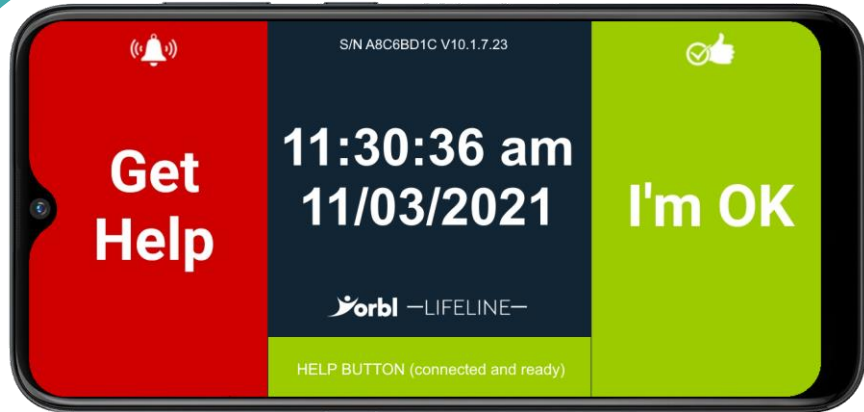
- New Product Launches
 - Yorbl Sensors
 - Yorbl Amica Go
 - Yorbl Amica Watch
 - Yorbl Analytics Advanced

Q3 2022

- New Product Launches
 - Yorbl Tab (on Lenovo M10)
 - Yorbl Phone (on Nokia 1.4)
 - SMART Community Living Solutions
 - Integration with Alexa/Google Assistant

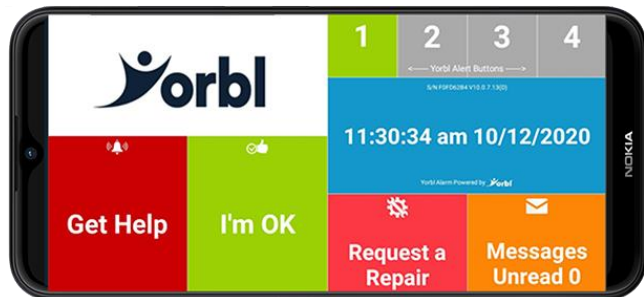
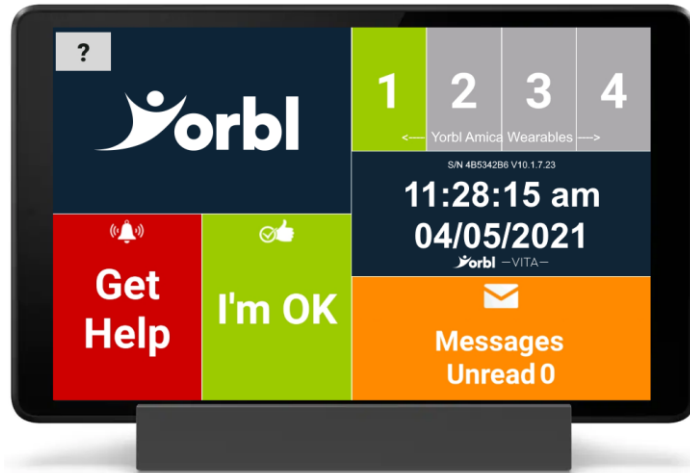
Q4 2022

- New Digital Health Capabilities
- Enhanced Analytics
- Further Integration with Health & Social Services
- Begin expansion to Overseas markets



Our Entry Level, Low Cost Digital Dispersed Alarm

- Aggressively priced, easy to deploy steppingstone into Digital Healthcare
- Built on a robust, reliable mobile phone handset
- Wi-Fi connection
- Mobile SIM backup (should Wi-Fi not be available)
- Touch screen and voice Control “Hey Yorbl, Get Help”
- Designed to be permanently powered/docked
- Included case with kickstand
- Battery for use in a power failure
- Includes Amica Basic – bluetooth connected watch/pendant.
 - Single Push for “I’m OK”, Long Push/Double Push for SOS
 - Includes Fall Detector functionality.
 - Rechargeable
 - IP66 rated



Our Flagship Digital Dispersed Alarm System

- Available on the Nokia 1.4 6.5" Smartphone ("Over the Air" Upgrade from Lifeline) and Lenovo M10 10" tablet
- Wi-Fi connection
- Mobile SIM backup (should Wi-Fi not be available)
- Touch screen and voice Control "*Hey Yorbl, Get Help*"
- Designed to be permanently powered
- Included case and dock/charger/stand
- Battery for use in a power failure
- Can support up to four Yorbl Amica wearables (so great for a husband/wife scenario)
- Additional functionality can be configured based on a scheme's needs with messaging, voice and video calling.
- Initiate and receive remote medical appointments using Visionable
- Can support the full range of Sensors for home, environment and wellbeing monitoring.

Yorbl Amica Wearables



Wearables that extend the safety net when it comes to raising the Alarm in and out of the home, but also for being proactive with healthcare and monitoring wellbeing.

- **Amica Basic** – bluetooth connection to Lifeline, Vita, Tab or Hub.
 - Single Push for “I’m OK”, Long Push/Double Push for SOS
 - Includes Fall Detector functionality.
 - Rechargeable
 - IP66 rated
- **Amica Advanced** – lifestyle watch with health and wellbeing functionality.
 - SIM card, means it can be used away from home
 - Full two way calling to the ARC
 - Fall detection, heart rate, steps, temperature etc...
 - IPX8 rated
- **Amica GO** – ARC alert and full two way calling.
 - Fall detection
 - Rechargeable with long standby time
 - IP67 rated
 - Optional speaker/charger base station

Note: We strive to minimise the occurrence of false alarms through the sensors and software used by Yorbl devices. The fall detection technology in the wearables do not allow analysis and interpretation of all fall situations. Soft falls, slumping falls, descent-controlled falls against a wall or a chair are examples of situations that would typically not be detected by the device, and in these scenarios, it would still be necessary to manually press the get help button on either the wearable, or the Yorbl device.

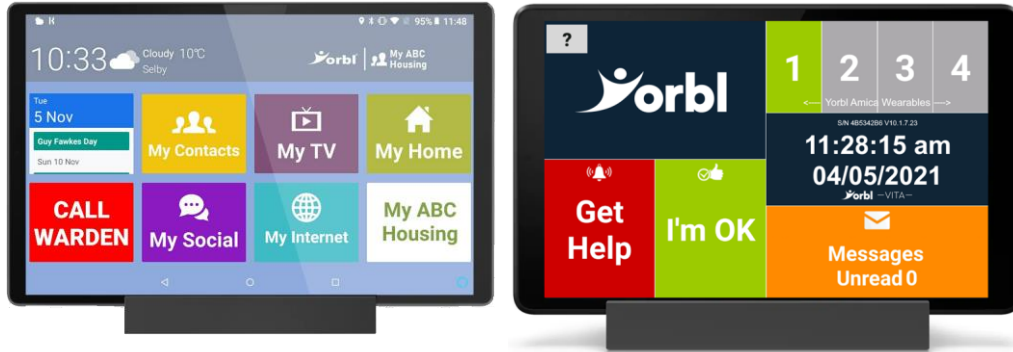
Yorbl Sensor Pack



A range of sensors that can be placed around the home, room or dwelling that can provide valuable data about the User's surroundings.

- **Vayyar Home WiFi Radar (WiDar) Fall and Movement sensor**
- **Passive Infra-Red Sensor** – this will monitor areas for movement. For example, we can pick someone up enroute to the bathroom in the middle of the night.
- **Smoke Detector** – of course, monitoring for smoke in a building
- **Appliance Monitor** – this will report on the status of a device that is plugged into it. For example, we will be able to see when the kettle is turned on in the morning, or when the TV is switched on.
- **Ruuvi tags** – these monitor a variety of things:
 - temperature – so we can see the ambient room temperature at night, which is useful when investigating sleep patterns and wellness
 - movement sensing – accelerometers will pick up when the tag is moving, so they can be stuck to a door as part of mapping a person's movements, or even a medicine cabinet as part of ensuring that someone is taking their medication
 - air humidity – between 30% and 50% is considered optimum the home, and monitoring this is an important aspect of making sure a vulnerable person is as comfortable as they can be
 - air pressure – it is known and well proven that the outside air pressure can have an impact on a person's mood and general wellbeing. Collecting this, and being able to overlay heart rate from the Advanced version of our Yorbl Vita wearable means you can map out issues like lethargy – an early sign of ill health.

Addressing Digital Inclusion & Social Connectivity



- Built on the Lenovo M10 (10 inch) tablet
- Does everything that Yorbl Vita can do but with the addition of extra functionality:
- Surf the web through an integrated web browser
- Use Messaging, Video, Chat and Social Media apps to stay in touch with friends and Loved ones.
- Reminders for medication and events.
- In assisted living schemes, we can tie in with communal functionality like message boards, noticeboard, group chat.
- This is designed to provide people with contact to the outside world, it is great for those that are not tech savvy or a fearful of trying to work a laptop or desktop PC.

PLEASE NOTE – Yorbl TAB is still in Design - Pictures are for illustration purposes ONLY



Making Mobile Senior Friendly, Making Lifeline Mobile

- Dual Functionality -
- On it's stand – A Yorbl Lifeline Dispersed Alarm
- Pick it up and it's a fully functional SMARTPhone
- Senior Friendly/Easy to use Interface
- Use Messaging, Video, Chat and Social Media apps to stay in touch with friends and Loved ones.
- This is designed to provide people with contact to the outside world, it is great for those that are not tech savvy or a fearful of trying to work a laptop or desktop PC.

PLEASE NOTE – Yorbl Phone is still in Design - Pictures are for illustration purposes ONLY

Yorbl Community Living Solutions

Our fully integrated range of solutions include:

SMART Home Automation

Digital CCTV

Digital Warden Call

Smart Living Platform

Digital Emergency Call System

Health Monitoring

Environmental Monitoring

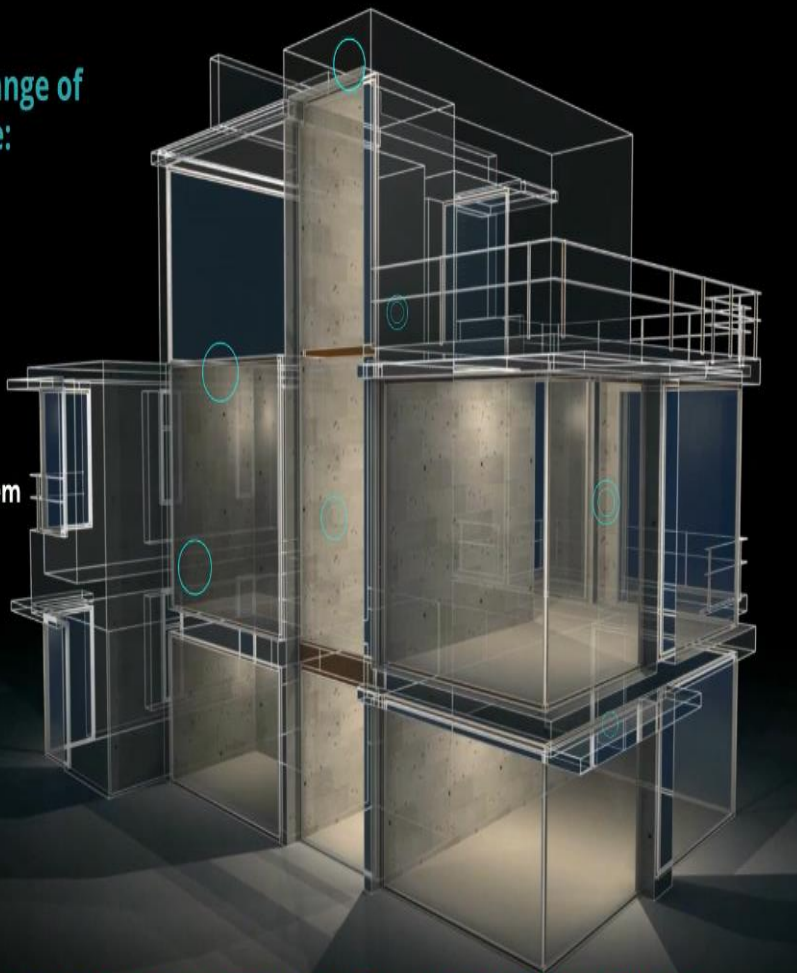
Smart Sensors

Digital Door Entry

VOIP Telephony

Fully Managed Public WiFi

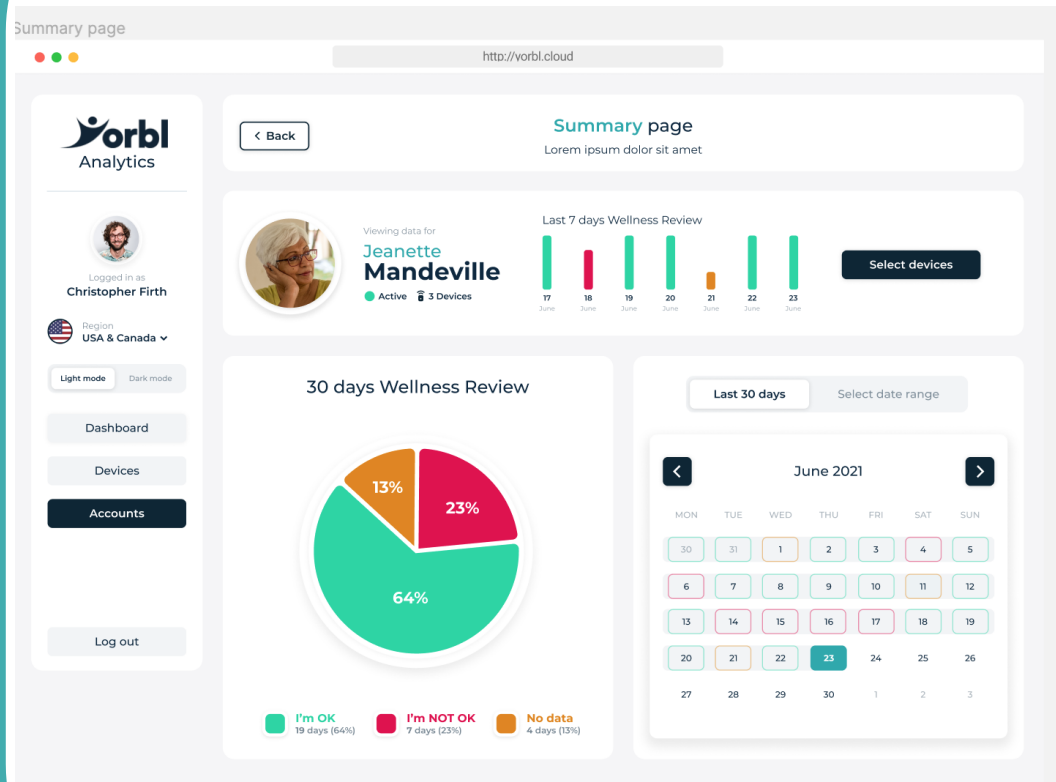
Analytics Platform



Technology supports people to have greater choice, control and confidence

Intelligently informing Providers & Carers whilst enhancing Wellbeing and Safety

- Deploying as innovative standalone solutions or as a powerful, fully integrated “Digital Ecosystem”
- Yorbl Hub:
 - Does everything that Yorbl Vita can do but with the addition of extra functionality
 - Wall mounted and Powered over Ethernet.
 - Fully integrated with all associated systems (i.e. CCTV, Video Door Entry, Messaging, Warden Call etc.)
 - The unit can become a Wi-Fi hotspot, providing a mesh Wi-Fi network throughout an entire building.
 - SMART Home Control
 - Messaging
- Integrated Systems include:
 - Activity & Environmental Sensors
 - Health Monitoring
 - Digital CCTV & Digital Door Entry
 - WiFi Radar (“Widar”) Fall and Activity Detection – Vayyar
 - Fully Managed Public WiFi
 - Digital Noticeboards
 - Public Announcement System
- Full Analytics System and Dashboard leveraging AI, Data Analytics, Machine Learning



Yorbl Analytics provides a graphical view of collected data in an easy to use and readily accessible format.

- Secured, running in Microsoft Azure Cloud and accessible from a Web Browser.
- Intuitive and easy to use.
- Digital Dashboards provide an easy to read graphical view
- Overlay Sensors to build up a wellbeing snapshot.
- Look at information over the last 30 days, or define a custom date range.
- Export to CSV or PDF
- Managers and carers can look across their entire scheme, quickly and easily.

← BACK

Yorbl Cloud



All device provisioning, updates and configuration data is handled by Amazon Web Services (AWS)

This provides the best performance, reach, compatibility and interoperability.



- High availability – AWS proudly boast five nines availability.
- 99.999% availability equates to less than 5.26 minutes of downtime per year.



- Compatibility and interoperability allow Yorbl to select the best of breed hardware and know that it will work, and can be supported.
- The telecare industry have been hardware bound for decades, and we are keen to alleviate this pain point.



- Rapidly and easily deploy our solution across an entire assisted living scheme or into peoples homes quickly and easily using Zero Touch technology



All sensitive user data/patient data resides ONLY in the Microsoft Azure cloud – providing absolute certainty around security and that access is provided ONLY to authorised people and services.

Microsoft Cloud for Healthcare

Security

Protecting you from cyberthreats

- Help protect against threats
- Help prevent the breach of sensitive health records, patient data, and personal identities.

Privacy

Giving you control over access to your data

- Stay up to date with the latest regulations
- Use intelligent solutions to meet compliance obligations in a complex, ever-changing regulatory environment.

Compliance

Unparalleled investment in meeting global standards

- Maintain control of your data with confidence
- Trust that the privacy and confidentiality of your data will be protected and that your data will only be used in ways consistent with your expectations.

Q&A

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