Kemuri

KEMURISENSE®
WELLBEING MONITOR

Instructions for use of the Wellbeing App

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1 INTRODUCTION

Kemuri Wellbeing Monitors help people at risk from falls and forgetfulness to live independently. Fixed or portable KemuriSense® Smart Power Sockets collect data continuously from kitchens about movement, power usage, temperature and mains failure. They send data, via the Internet, to a system that identifies significant changes from normal activity. After a lot of changes, trusted family members and carers automatically receive alerts by email or mobile phone text messages.   Smart Power Sockets are designed for people living alone.

Those who use Smart Power Sockets are known as "**Service Users**". They live alone, but do not need daily care calls to manage their physical or learning difficulties. Service Users plug in switchable kitchen equipment such as kettles, microwaves and toasters. Continuously running equipment, such as refrigerators, should NOT be plugged into Wellbeing Monitors

Those who monitor Service User data, such as family members or carers, are known as "**Viewers**". Viewers view the App on a standard browser and select options to receive alerts via email and/or SMS text messages.

Service Users must consent to be monitored by nominated Viewers they trust. Kemuri confirms consent before allocating unique Service User names, Viewer names and initial passwords.

The next sections provide instructions for logging in, using the App screens and changing preferences.

2 LOG IN

Enter the following website address (URL): https://app.kemurisense.com into your smartphone or computer browser (Chrome is recommended). This displays a Log In Screen, see Figure 1.
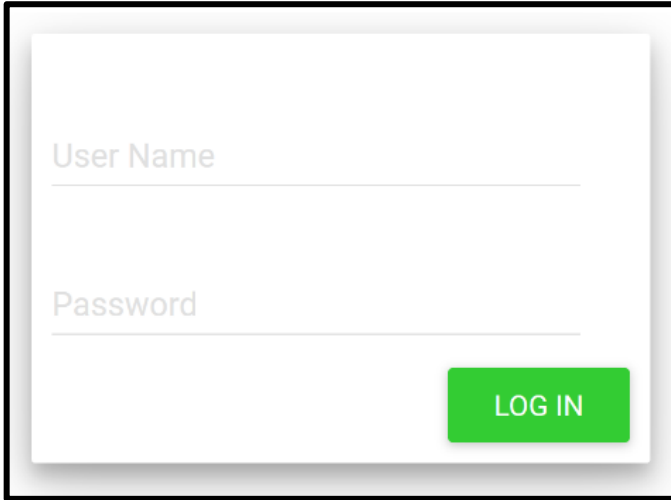

Figure 1: Log In Screen

Enter your Viewer User Name and Initial Password on the appropriate line. This displays the Summary Screen of the Service User's unit, see Figure 2.

Your User Name and Password will initially be provided by Kemuri after you have agreed to the Fair Processing Notice (Section 7) and obtained consent to view via a Consent Form (Section 8). You should change your password during your first Login session, see Section 5.
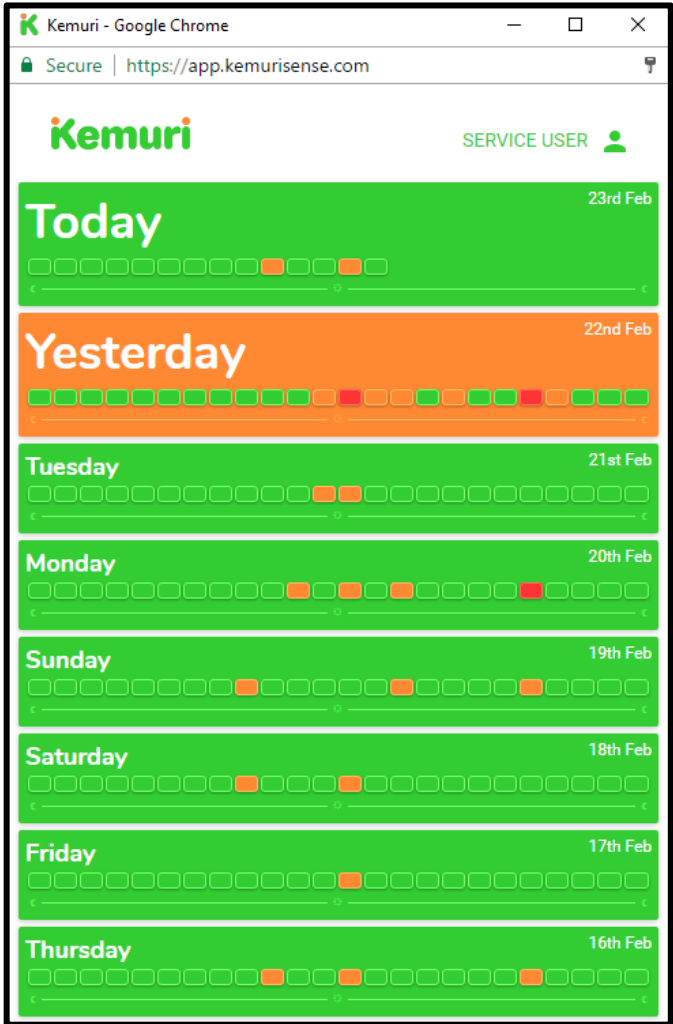
3 SUMMARY SCREEN

Figure 2: Summary Screen

"Service User" at the top right of the screen is replaced by a unique Service User Name allocated by Kemuri.

The App Summary Screen displays a row for every day in the previous week, showing the day and date. Each day has 24 squares for every hour of the day. Each hour is colour-coded for none, one and two or more changes. Days are colour-coded for the total number of changes in one day, see Figure 3.

Colour	Hour	Day	Changes*
Green	No changes	Few changes	< 12
Amber	One Change	Medium changes	>12, <16
Red	Two or more changes	Many changes	>16

*Note: Default numbers when first installed.

Figure 3: Colour Codes

- For most Service Users, the majority of days are green. This means that activity in the kitchen is normal, with few changes in a day.

- An Amber day means that activity has moderate changes from normal, but not enough to trigger alerts. Follow up the reason for Amber days, especially if many appear in succession.

- Red days can automatically trigger email or text alerts with many changes from normal. Click or tap on the day to see the detailed sensor readings, see Section 4. See Section 6 to set Alert preferences.

Kemuri learns patterns of activity, but does not diagnose problems. For example:

- A lack of movement around mealtimes, coupled with lack of power usage would show as several hourly changes. This could indicate an unattended fall – and require contact with the Service User. It could also indicate an enjoyable day trip or short holiday.

- Reductions in power usage could indicate a risk of dehydration, caused by fewer hot drinks – or it could be a hot day with only cold drinks.

- Low temperatures could indicate that the room has become too cold, with a risk of hypothermia. High temperatures could indicate a hot summers day – or an oven not switched off and overheating the kitchen.

Click on the Service User name to see the drop-down Preferences Screen and set up your alerts, see Section 6. If you are a registered viewer for more than one Service User, the drop-down box also lists all your Service Users names.

Active Service Users sometimes trigger alerts on a normal day. Call Kemuri to reduce the sensitivity of the system and avoid unnecessary concerns caused by 'false alerts'.
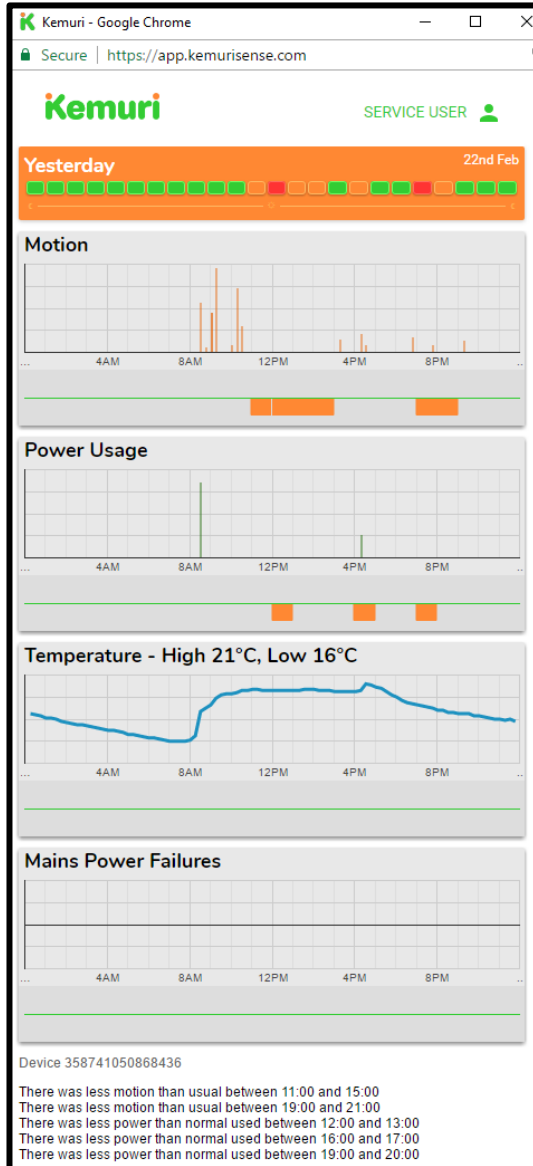
4 DETAIL SCREEN

Figure 4: Detail Screen

Tap on any day bar on the Summary Screen to show the hourly sensor reading charts and changes.

Note that the Kemuri Wellbeing App is optimized for use on the small screen size of a smartphone. On a large computer screen, reduce the screen size to see the time scale at the bottom of the charts for each day.

The horizontal "green line" below each chart is the baseline for indicating changes above and below normal:

- An amber square below the green line indicates less than normal levels of sensor readings.
- An amber square Above the Green Line indicates more than normal levels of sensor readings.

Look at the bottom of the screen to see a text description of all the changes for the day.

To return to the Summary Screen, tap on the Day Bar below the Service User name.

5 LOGOUT AND PASSWORD CHANGE

Tap on the Service User Name to see a drop-down box with Preferences, Change Password and Log out buttons.
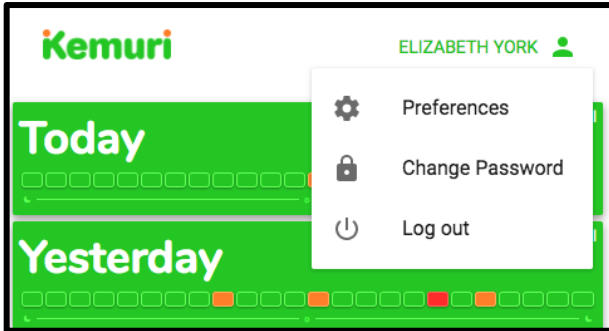

Figure 5: Preferences Box

You may change your password at any time. It must be at least 8 characters long and include letters and numbers.
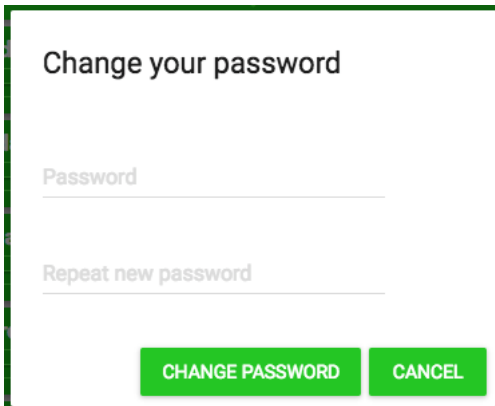
6 ALERTS AND COLOUR CHOICE

To receive alerts, tap on Preferences and enter your email address or mobile phone number. Alerts are sent hourly unless you mute them by selecting one of the buttons in the drop-down box, see Figure 6.

Change the colours from Red, Amber and Green if you have difficulty seeing the difference between the colours.

Figure 6: Alerts Box

7 FAIR PROCESSING NOTICE

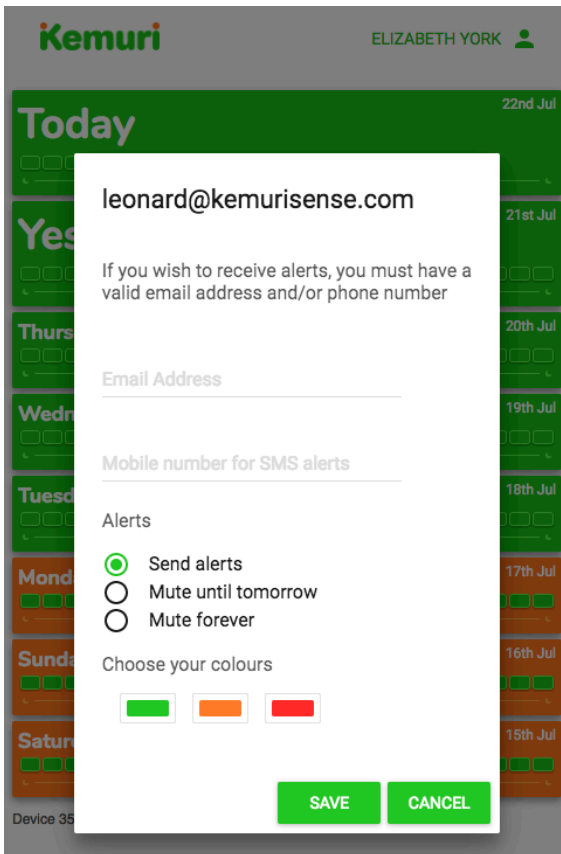The Wellbeing Monitor is a power socket that measures movement close to the Monitor, electrical power, temperature and humidity. Sensor data is sent via the Internet by an internal GSM radio transmitter.

Data collected is processed by Kemuri and processed hourly to analyse patterns of sensor readings and to alert significant changes from normal activity. Sensor and change date is viewed on a Web browser by people or organisations with consent to view (known as Viewers).

Consent to view is given by the person being monitored (known as the Service User or Data Subject) or a person with reasonable rights of attorney, such as next of kin, clinician or social worker. Access to viewing requires a unique user name and password. The Consent Form overleaf must be completed and sent to Kemuri before Viewers can be allocated user names and passwords.

Data is processed for Viewers to inform them about ambient conditions at the installation location. This includes the receipt of alerts of major changes from normal patterns of sensor readings. Viewers may take action after investigating the reason for an alert. Anonymised data may be used for research purposes.

The purpose of the data processing is to help the Service User to live independently by informing Viewers of changes in capacity to conduct activities of daily living, such as moving around a food preparation area, using kettles and microwaves and keeping warm.

The intention is to provide unobtrusive monitoring of the Service User without changing their life style.

Kemuri is registered by the Information Commissioner's Office with reference ZA154221. Registered Address: Kemuri Limited, Russet Lodge, Hockering Road, Woking, GU22 7HG. Tel: 01483 77 1234.

8 CONSENT FORM

I confirm that Kemuri may issue user names and passwords to the following Viewers and others that may be notified by myself, my attorneys or professional care organisations.

Viewer Name	Address	Email and Phone

Wellbeing Monitor location (where the Service User lives)

Address: ....

.................................…………………… Postcode: ....

Service User Name (Data Subject): ....

Consent to commence processing

Person giving consent: ....

Type of Person*: Service User /Next of Kin /Care Worker
* - *Delete as appropriate.*

Address: ....

.... Postcode: ....

Signature: ....   Date: ....

9 CONTACT

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