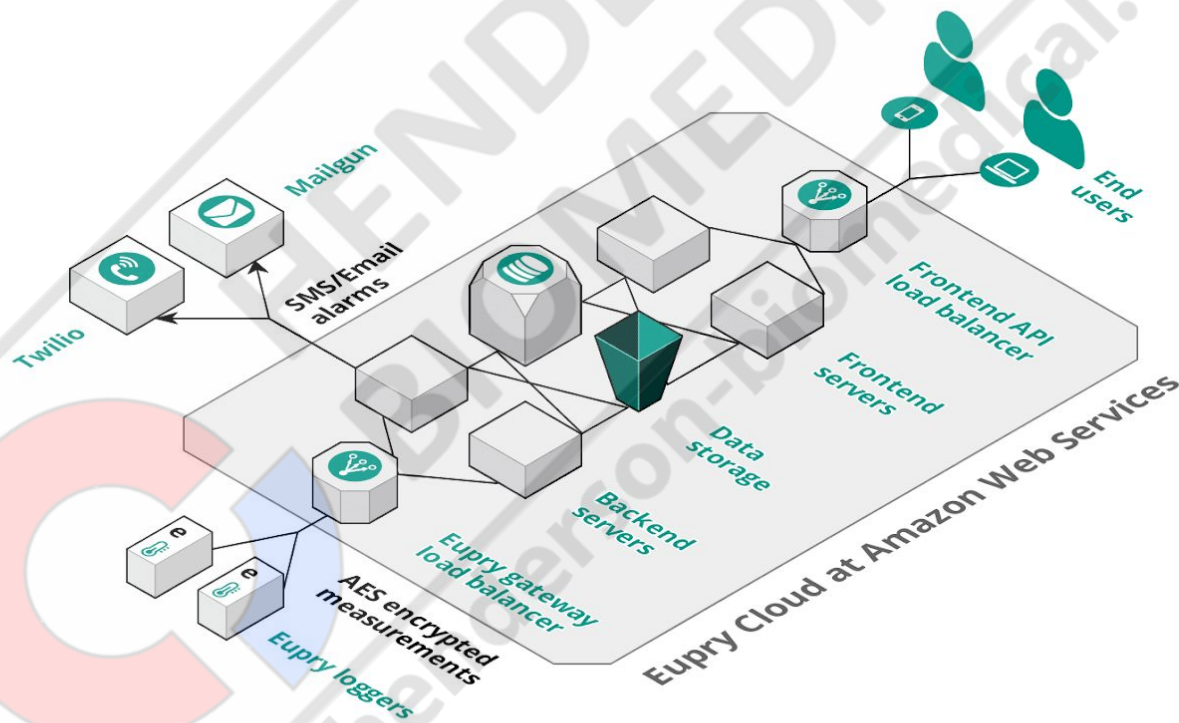


# Introduction for IT department

Eupry Wireless Temperature Monitoring  
August 2019

The Eupry System consists of WiFi Data Loggers, sending AES128 encrypted data via WiFi to the Eupry cloud. A series of clients exist, for users to view the collected data: Website, iOS and Android.

## Architecture overview:



WiFi Data Loggers can be configured to use existing WiFi. An internal or guest network can be used. The loggers does not need to communicate with each other.

WiFi Data Loggers support WEP, WPA-PSK (AES, TKIP) og WPA2-PSK (AES, TKIP) over 2.4GHz WiFi.

If your IT department needs a list of MAC-addresses for whitelisting of the WiFi Data Loggers, we can provide it on demand.

## Configuration of Loggers for the network

Configuration of SSID and passphrase can be done by Eupry or by using the "Eupry Connect" app, which is available for iPhone og Android.

The data loggers are only connecting to the server periodically, so any long lived connections should not be expected. Data loggers attempt to connect every 12 hours for a few seconds to deliver data. After data is delivered, the loggers power off their WiFi module.

## Requirements for the network

The following requirements should be fulfilled:

- Loggers must be assigned an IP-address via DHCP
- DNS should be available. IP-address of the DNS server should be configured using DHCP.
- Allow the following outgoing connections, for data logger communication with the cloud:
  - 52.19.1.95 TCP port 80
  - 52.31.252.15 TCP port 80
  - 54.171.224.84 TCP port 80



**LABORATORY EQUIPMENT MAINTENANCE, REPAIR, CALIBRATION AND SALES**

Established in 1987, Henderson Biomedical is the UK's leading laboratory equipment sales and service provider. Our knowledgeable team can provide you with excellent sales advice on a range of different types of laboratory equipment including centrifuges, refrigerators, freezers and heat sealers.

Henderson Biomedical is also able to provide you with first class after-sales service and calibration of your laboratory equipment. We are an **ISO 17025 (UKAS) accredited calibration test laboratory** and our team of Field Service Engineers cover the whole of the United Kingdom.

Please contact us for more information on the types of equipment we supply and the different after-sales services we can offer.

**Henderson Biomedical**

Unit 3, Swan Close  
Croydon CR0 2DZ  
United Kingdom

**Tel: 020 8663 4610**

For sales enquiries: [sales@henderson-biomedical.co.uk](mailto:sales@henderson-biomedical.co.uk)  
For all other enquiries: [info@henderson-biomedical.co.uk](mailto:info@henderson-biomedical.co.uk)  
[www.henderson-biomedical.co.uk](http://www.henderson-biomedical.co.uk)

