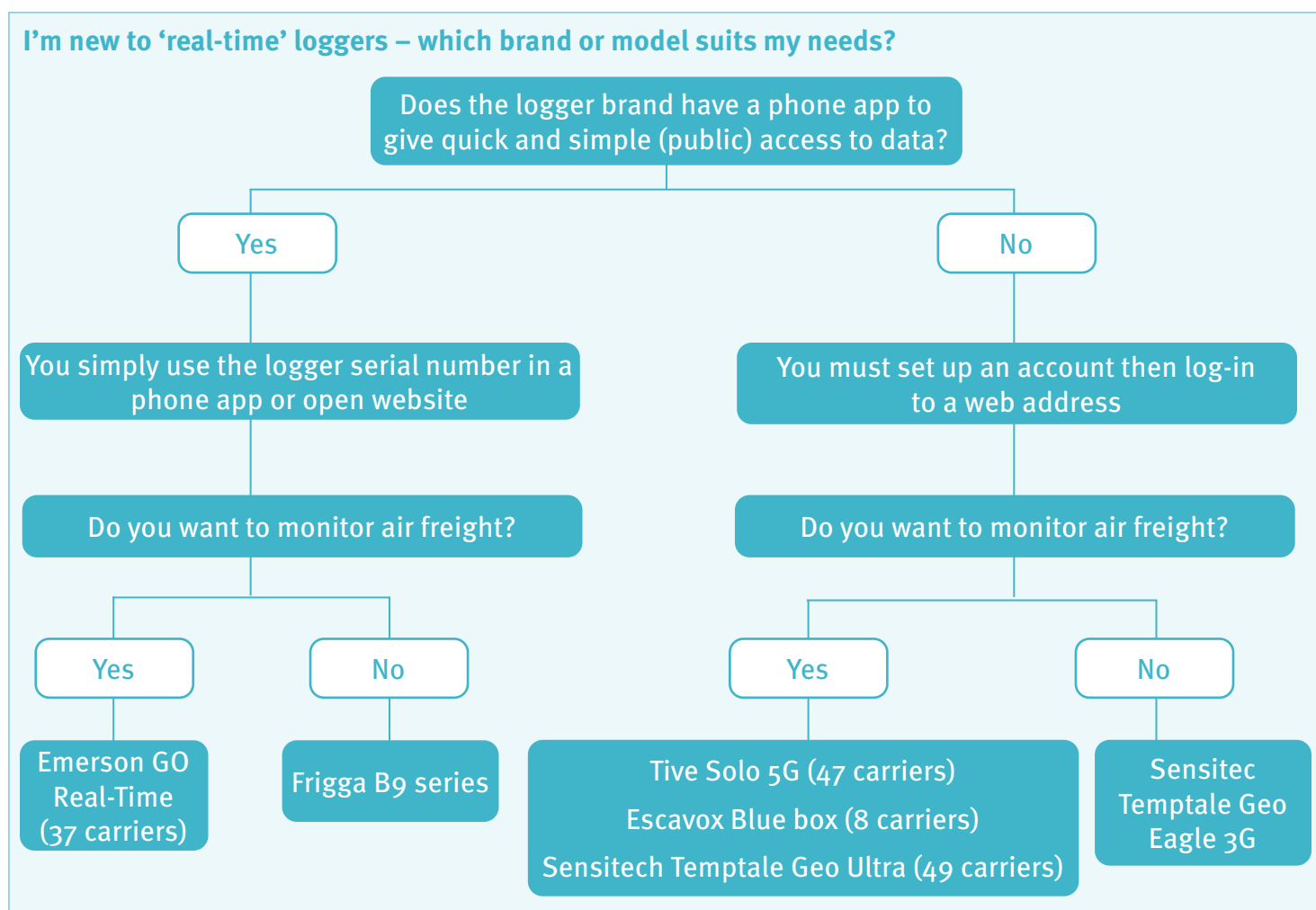


Choosing a single-use real-time logger

A new user's guide

Single-use real-time loggers are ideal if you want to monitor fresh produce cold chains, when you cannot guarantee retrieval of the logger. Many supply chain personnel also want the capability to view temperature and location in 'real-time'. In this instance, the most simple and cost-effective option is single-use real-time SIM loggers. There are multiple brands on the market with a range of features.

The decision tree below and the following information will help to refine the selection to best suit your needs. Note that the decision Tree does not contain a comprehensive list of logger brands/models but shows common representatives of single-use SIM loggers suitable for monitoring fresh produce location and cold chain conditions.



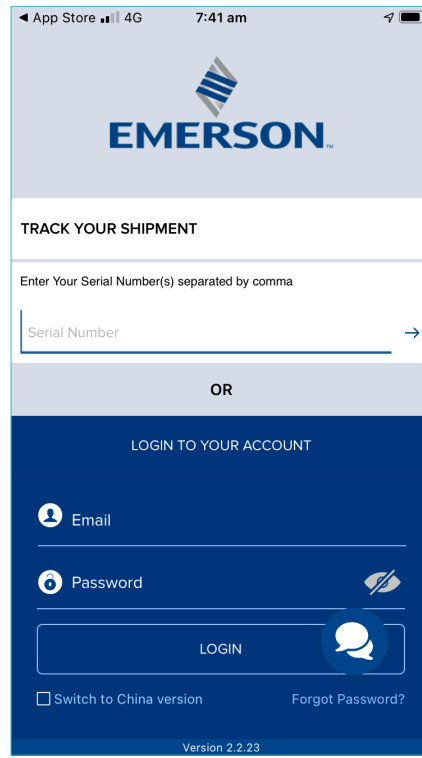
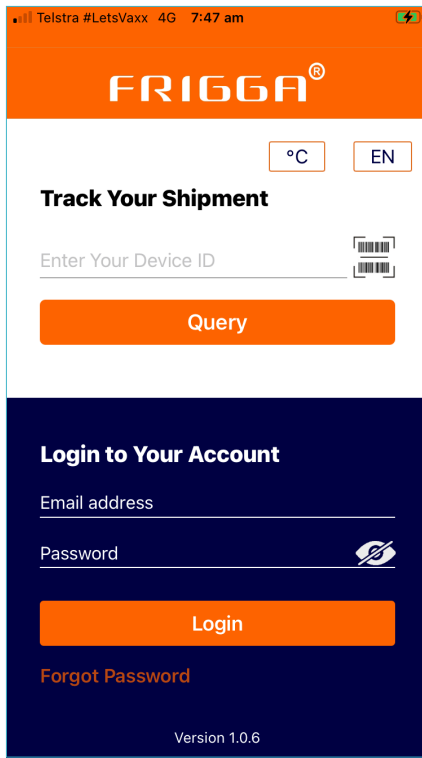


Image 1 – Frigga and Emerson companies offer quick and simple access to shipment data using phone apps to enter the logger serial number.

Other logger functional features worth considering

- **Want the ability to change data recording and reporting intervals:** It is common for loggers to measure parameters every 10 minutes or so and report hourly but some brands allow the user to modify or are tailored by customer service (e.g. Frigga, Tive and Escavox). Increasing reporting intervals on the fly is often used to extend battery life and is particularly useful during known legs of seafreight where there is little chance of getting a signal anyway.
- **Want extra sensors (humidity, light exposure, shock):** Each company has a range of models with different options.
- **Want non-lithium battery option:** The norm for loggers is lithium batteries, but most companies have non-lithium models which have a shorter recording life but are regarded as ‘safer’ and less impacting on the environment (i.e. manufacturing and disposal) and more likely to be accepted by airlines.

- **Want capacity to record and receive shipment data over long supply chains:** Be aware that brands and models have differences in battery life and hence length of time they can record and report. For domestic supply chains, a cheaper logger with a shorter battery life may be acceptable.
- **Want alerts when shipment is experiencing trouble:** All brands can send the user email and/or SMS alerts when a shipment experiences conditions outside the optimum set range, if it is setup with the required settings under login arrangements.

More information

John Agnew
 Senior Horticulturist
 Department of Agriculture and Fisheries
 T: 07 3708 8321 M: 0436849357
 E: john.agnew@daf.qld.gov.au

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