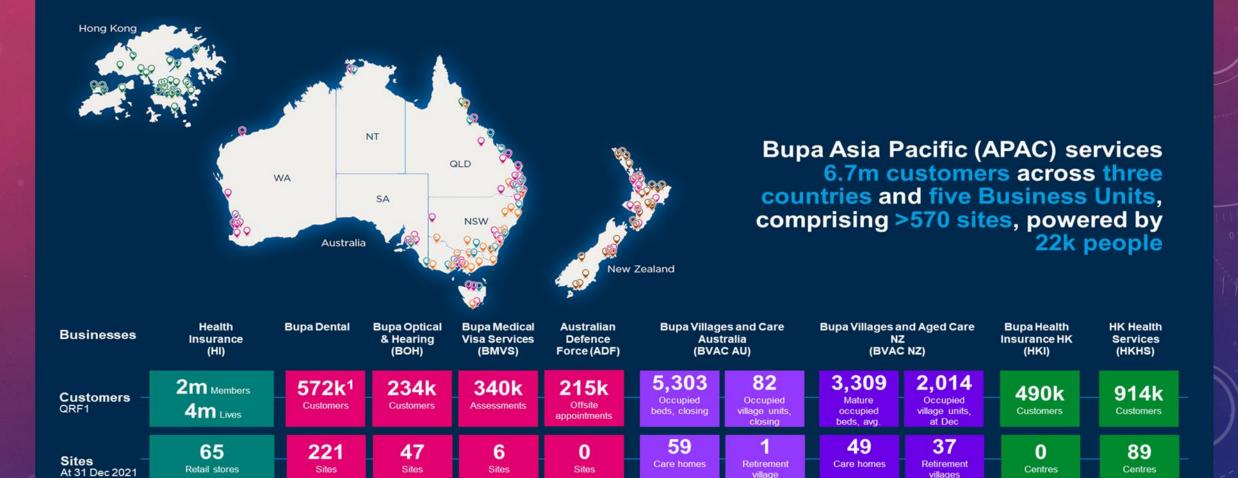


AGENDA

- 1. About Us
- 2. Mainstream IoT Device Usage
- 3. The Eye Is A Window Into Heart Disease
- 4. Aged Care Talius
- 5. Aged Care Sleep Sense
- 6. IoT Alzheimer's Outcomes
- 7. Summary



ABOUT US



MAINSTREAM IOT DEVICE USAGE



Sleep Pattern



Calorie Intake





Step Count



Heart Rate



THE EYE IS A WINDOW INTO HEART DISEASE

Eye Exam Could Predict
Heart Attack Risk, Says
Study | World Economic
Forum (weforum.org)

Improve clinical and operational outcomes

EyeInspect is retinal screening that uses Artificial Intelligence to identify underlying eye and health problems. Early detection of problems, and intervention can make a huge difference.)



AGED CARE - TALIUS

Awareness

It starts by using technology to shift spotcheck care to senserespond care...

Analysis

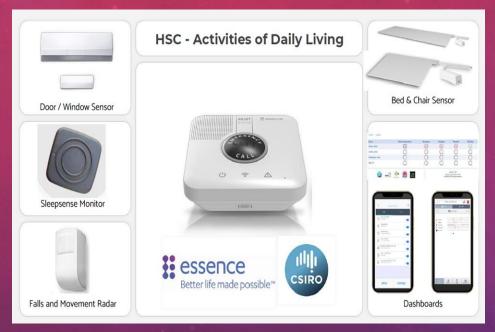
The data is captured within Talius – an agnostic AI engine that links in with existing systems and technology. Talius provides oversight in simple dashboards to improve outcomes.

Action

Talius uses advanced predictive interpretation to automatically detect anomalies and complete proportional actions.



AGED CARE - TALIUS



- Collection of sensors (typically wireless) in the IoT category
- Compatible devices can be added or upgraded as required
- One base station per room and then multiple devices connect to that
- Already in use in care home and independent living settings in Australia



Alerts / Sleep / Activities / Mobility / HR & Respiration

NB. This is an example only, from a larger implementation (i.e., with more devices). Our pilot will not have all of this information as we are testing only the one sensor/device.

AGED CARE – SLEEP SENSE

- Real time status of in/out of bed
- Real time monitoring of heart rate and respiration rate
- Integration with nurse call system can provide immediate alerts (e.g. falls risk or unexplained absence risk)
- Bed sore care management
- Centralise view of a community, a care home or the entire portfolio
- Can provide an auditable log of events that capture activities of daily living



Real time status of in-bed / out-of-bed status



Real time monitoring of heart and breathing rate



Seamless integration with nurse call systems



Bed sore care management



Enterprise tool for central monitoring and management of residents

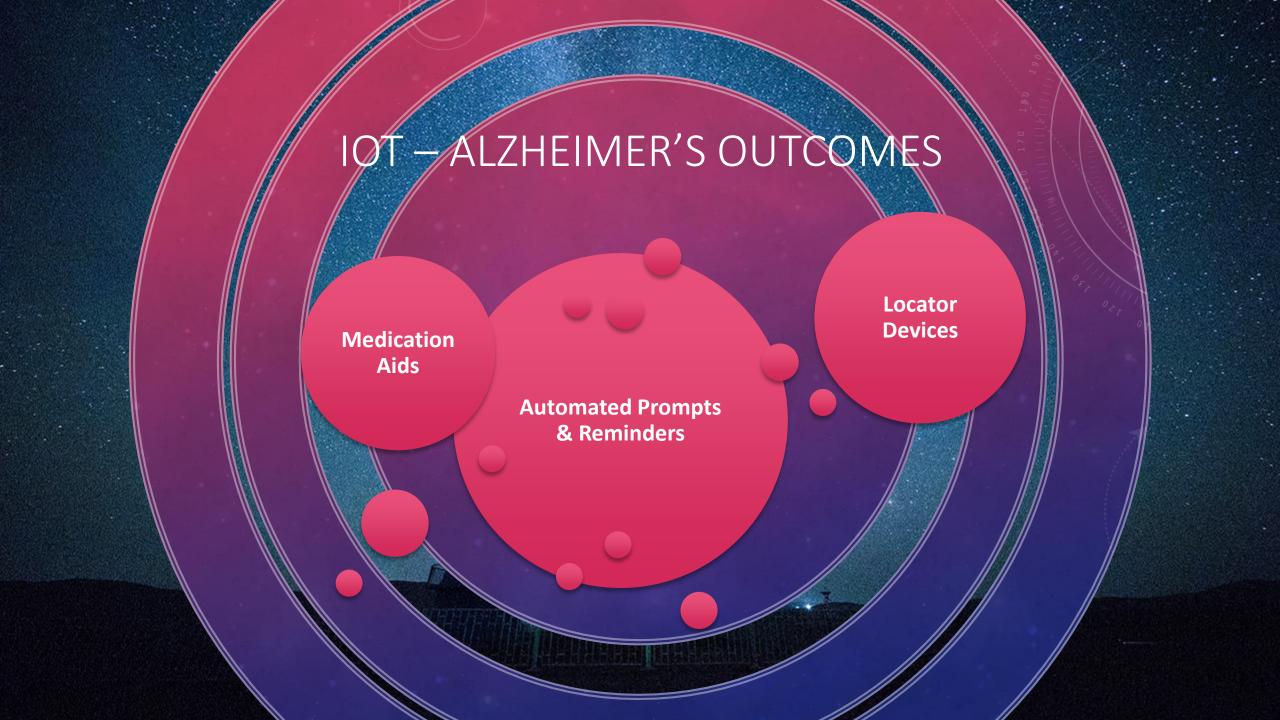


Automatic night light safety when sleeper gets out of

Sleep quality analysis report and recommendations for improvement



No wearable required



SUMMARY

Artificial Intelligence (AI) should augment Human Intelligence, Not replace it

Internet of Things (IoT) devices will become increasingly prevalent in healthcare

Quantum computing will be the next step change, based on the exponential improvements in accurately processing substantial data volumes at speeds previously unheard of.

