



University of
South Australia

Case Study Examples

1

Asthma inhaler as an IoT gadget



- Sensor-equipped inhaler exports data to a smartphone app
- App tracks inhaler use plus environmental factors
- In-app analytics help identify possible flare-up triggers
- Reports to share with the doctor

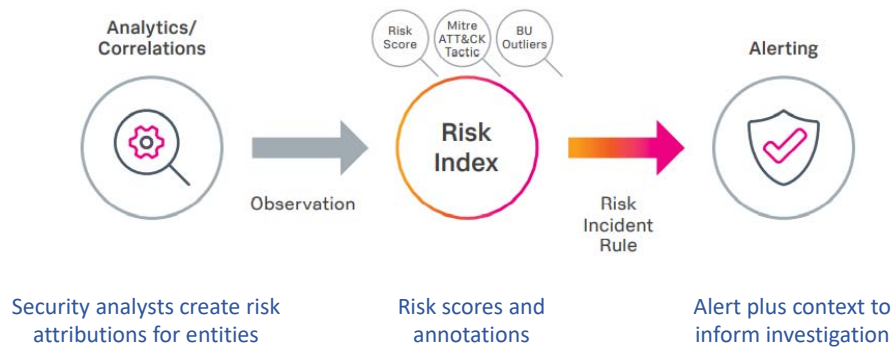


<https://www.propellerhealth.com/>

2

splunk> Real-time data monitoring

- Analytics to reduce 'alert fatigue':



3

Predictive analytics to reduce patient mortality

Vital signs, lab results, and other data from electronic hospital records.

Hourly deterioration risk scores for patients.

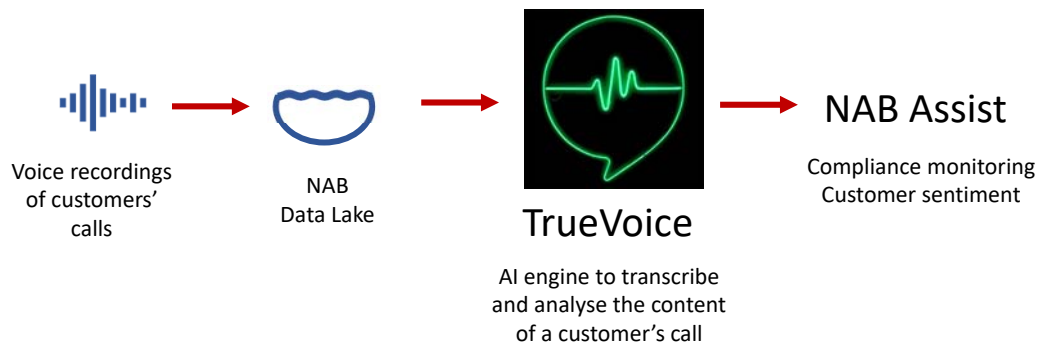
Remote hospital teams notify rapid response teams in the hospital when potential deterioration is detected.

The rapid response team conducts bedside evaluation of the patient.



4

Speech analytics at



5

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