

Predicting Adverse Events from Sovrinti In-Home Sensing



John Fitch*, Michael Devin, Rachel Williams, Zane Foster Sovrinti, Inc. with JH AITC AD/ADRD Focus Pilot Core

Today's Reactive Reality



"What's significant?"

Tomorrow's Predictive Care

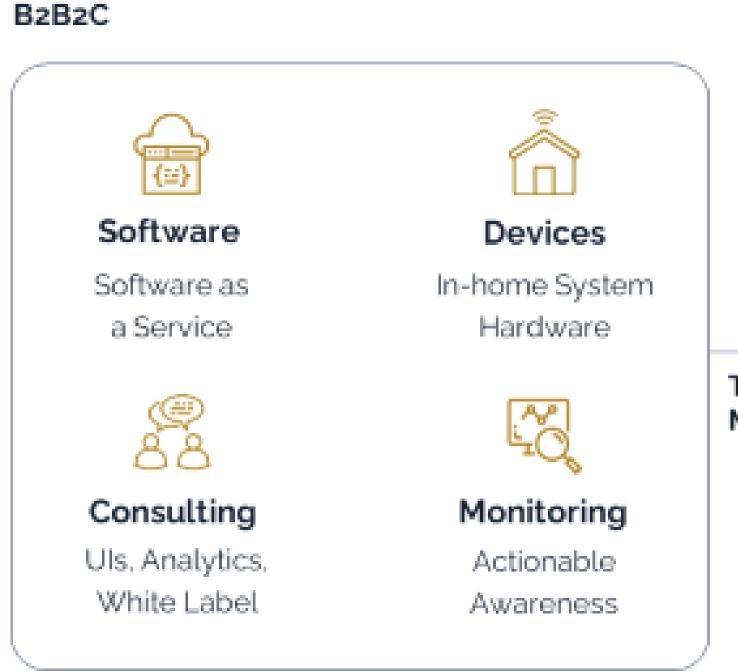




Rising Fall Risk Prediction

- Existing High Resolution Data Set
- 117 AD/ADRD Care Recipients
- 1400 Months of Monitoring Data
- 800 Acute Incidents
- Validated ADL Change Detection
- Anomaly Detection Algorithms
- Rising Risk Prediction Models
- 2 Week Advance Prediction Goal

Business Model





Compliance

Senior Living



<u>Acknowledgements</u>

This work is supported through National Institute on Aging grants R44AG065118 and P30AG073104.

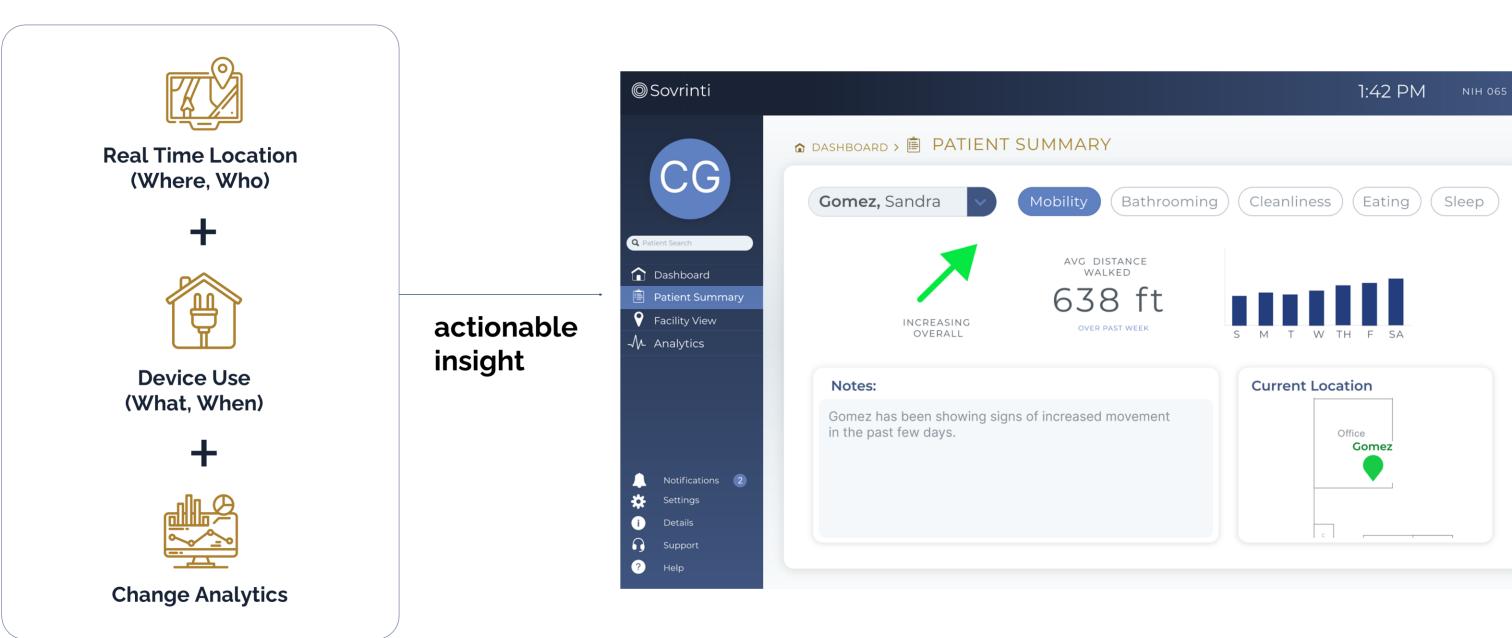
For more information visit www.sovrinti.com







AI/ML Based ADL Change Detection



Unique Data of Daily Living™



Alzheimer's/Dementia Clinical Score

Example ADCS-ADL Score Versus Sovrinti ADL Score from Phase II Comparative Analysis Data

Sovrinti matches and improves upon the subjective clinical standard

Validated against the

ADCS-ADL/23 clinical

assessment standard

