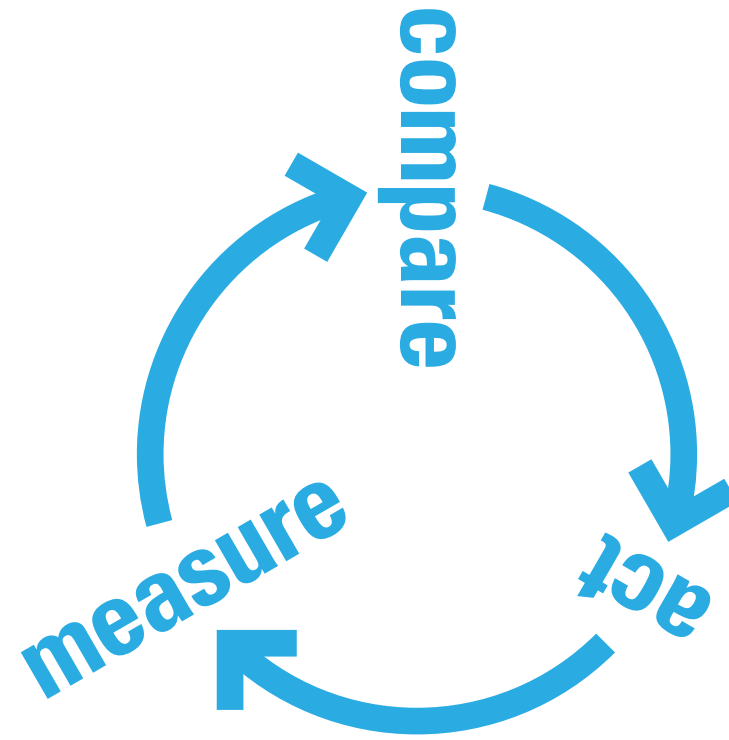


AAAI Spring Symposium Panel on Cybernetics and the User Experience of AI Systems
March 27, 2018 Stanford University

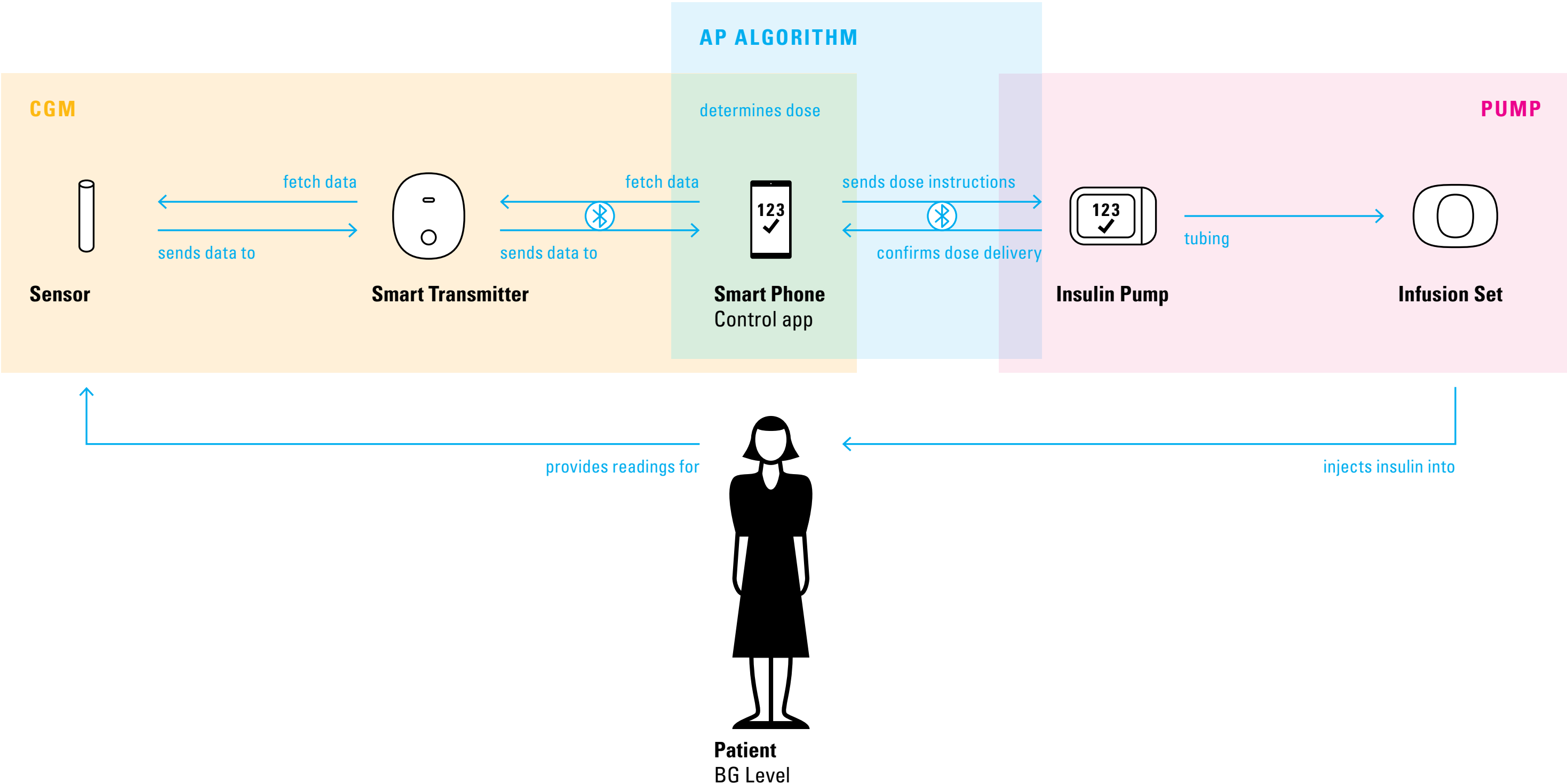
Designing for Complex Adaptive Systems Cybernetics in Recent Work

Hugh Dubberly
Dubberly Design Office

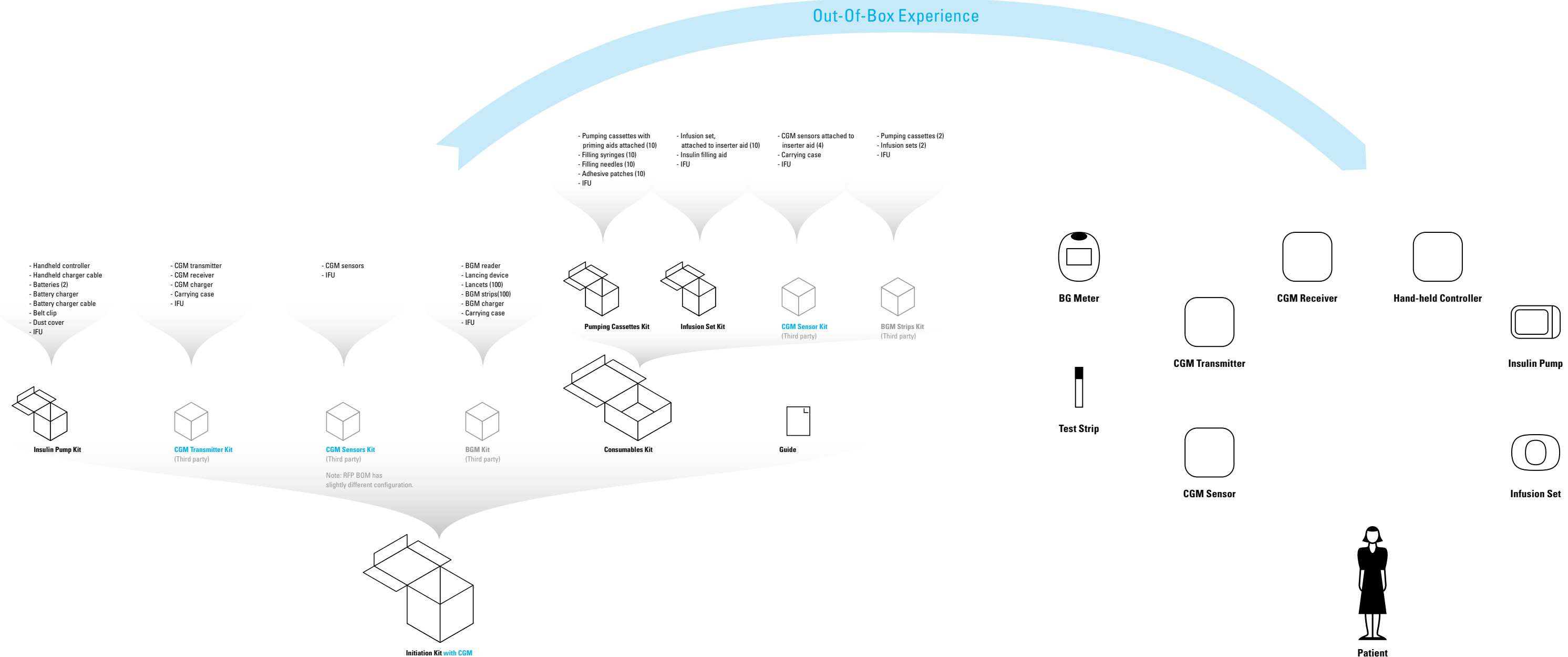
**Increasingly, we are designing for complex adaptive systems—
systems which involve feedback, learning, and conversation.**



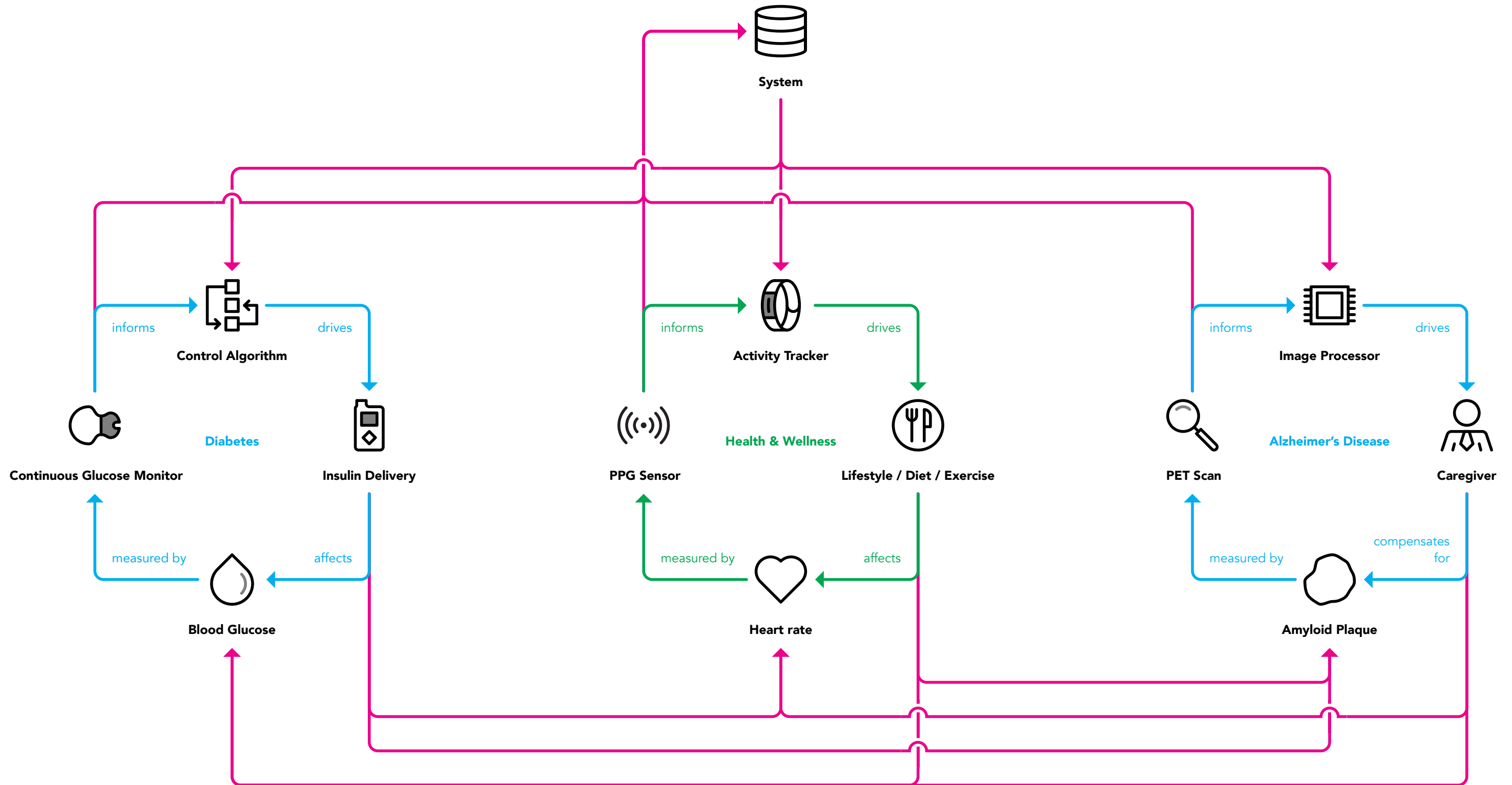
Blood glucose + insulin management systems for diabetes patients— an “artificial pancreas”.



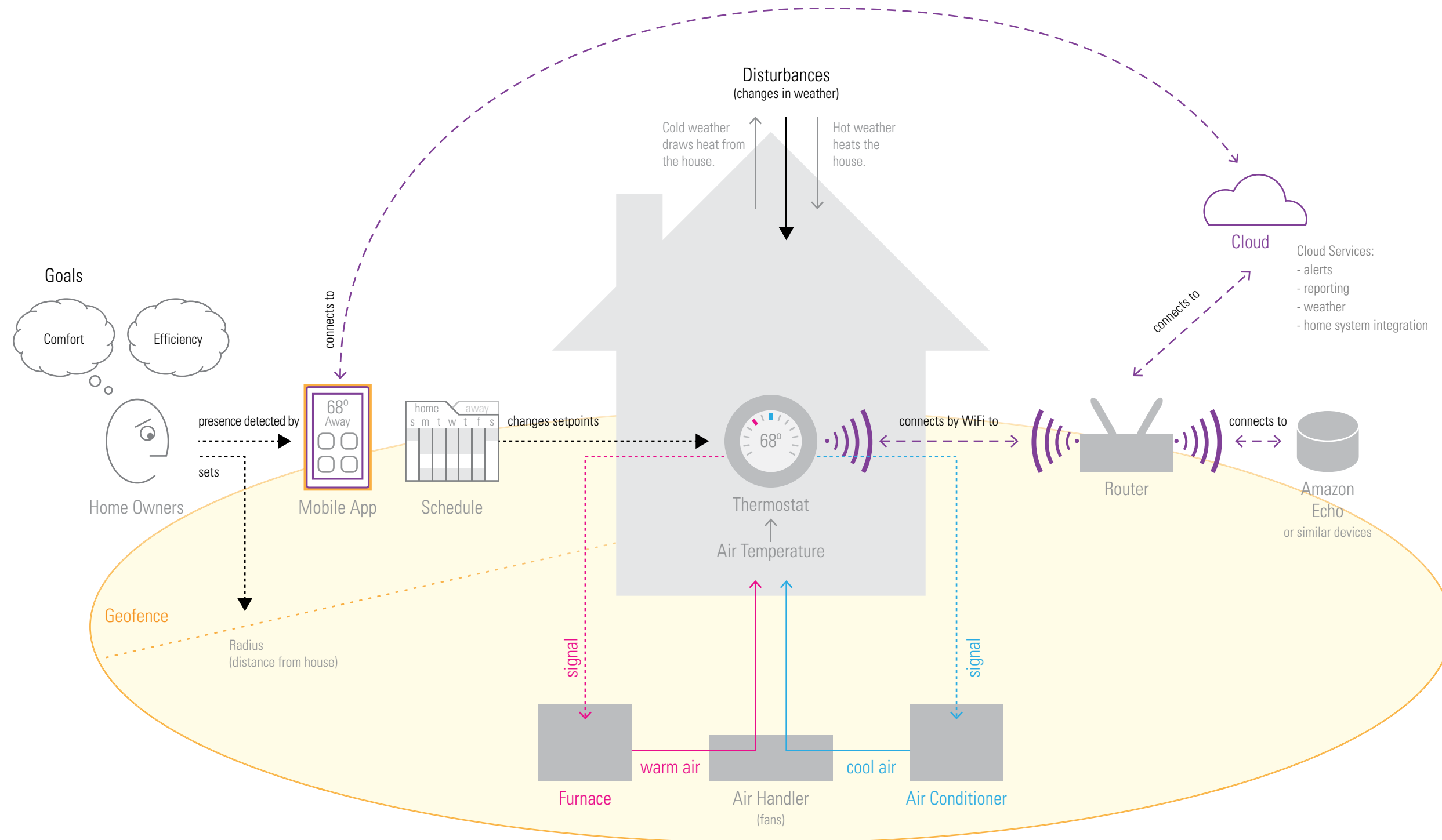
Product delivery and set-up systems—the “out-of-box-experience”.



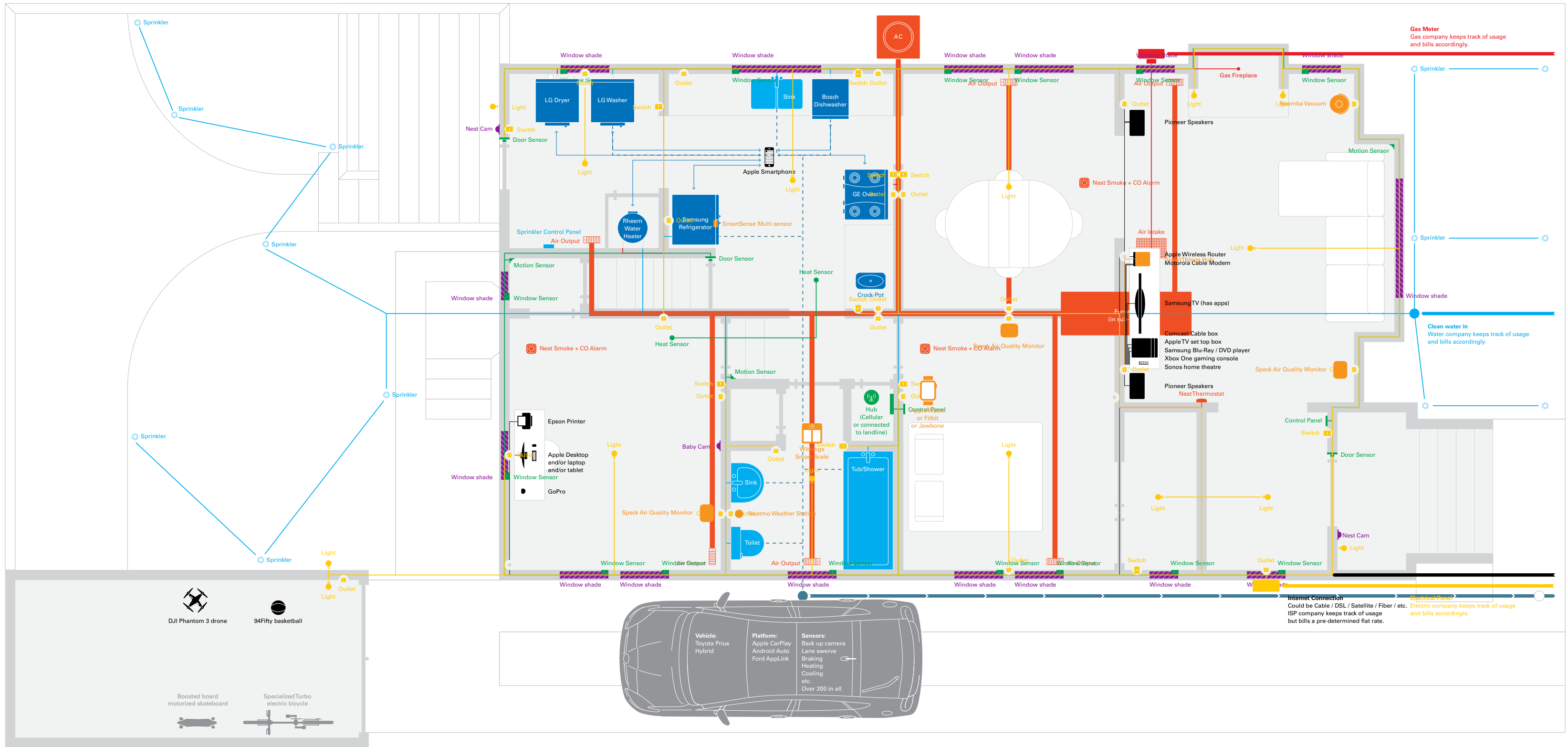
Integration of individual disease management systems in a larger ecology.



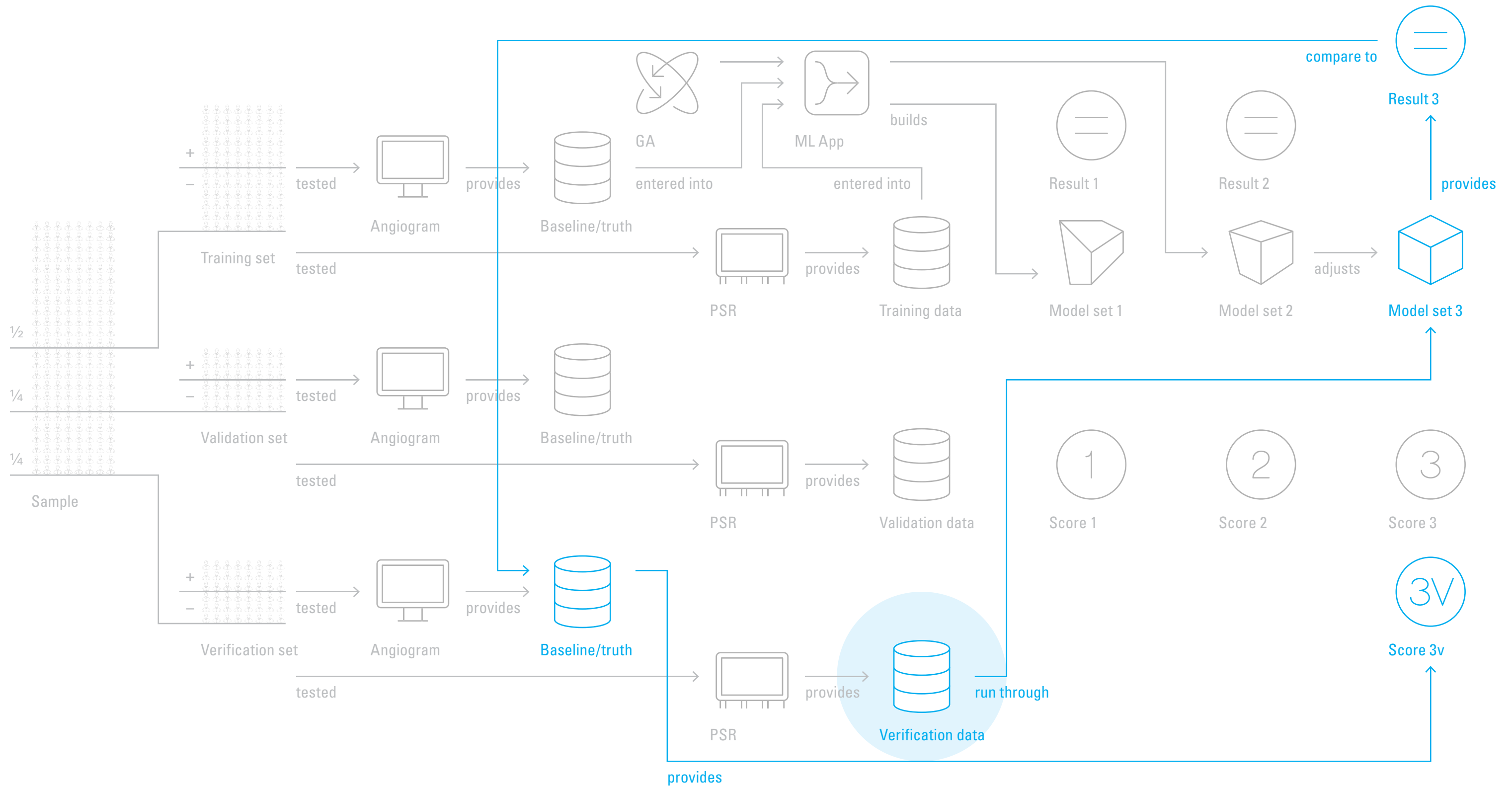
A smart thermostat is similar to a disease management system.



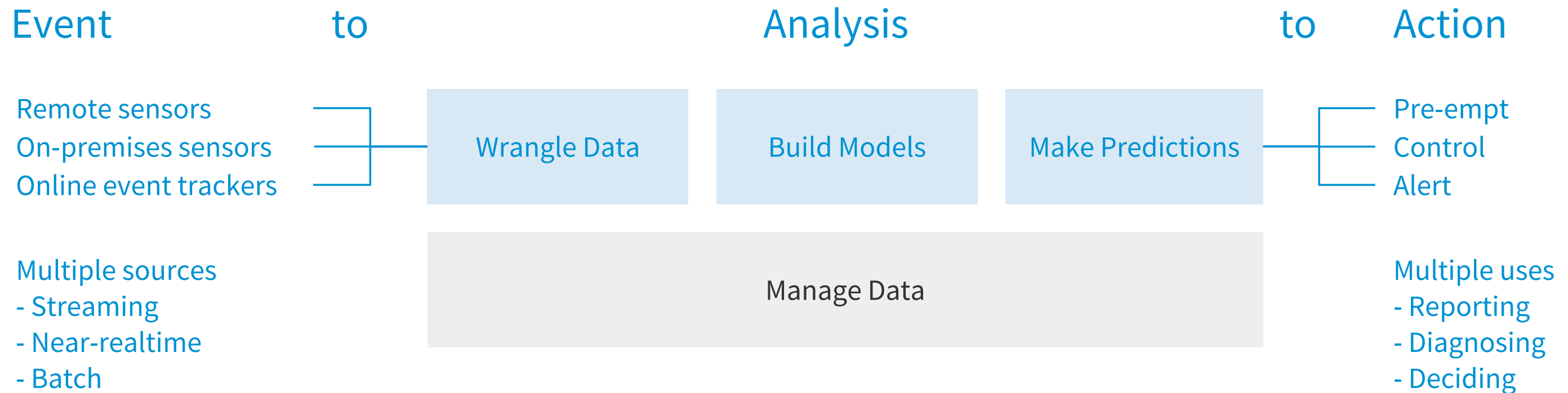
Integration of individual home systems in a larger ecology.



Machine learning applied to patient EKGs to detect heart disease.



Building a data refinery for satellite imagery.



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Presentation posted at
www.dubberly.com/presentations/cybernetics_in_recent_work.pdf