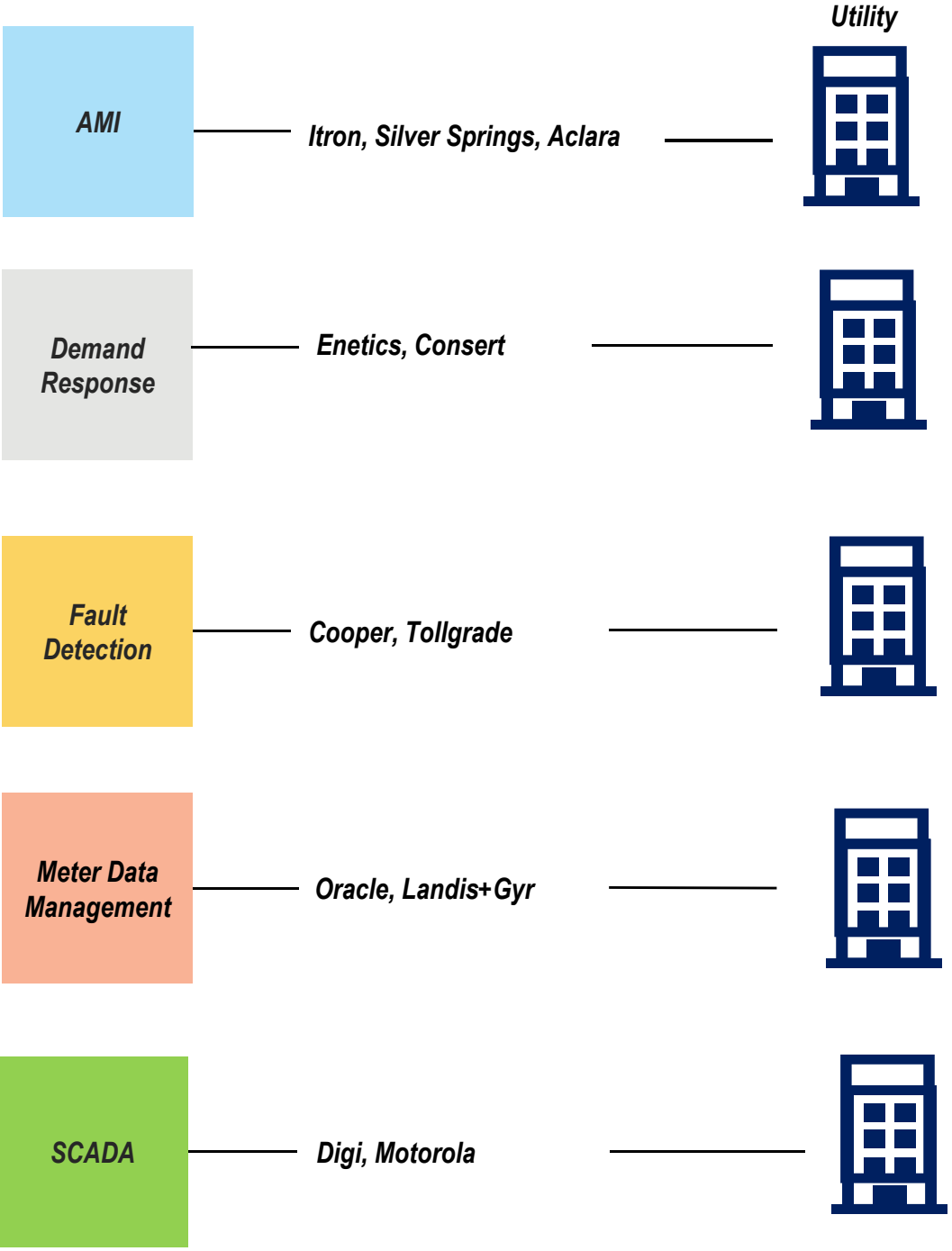


# Hawaii Electric

May 10, 2017

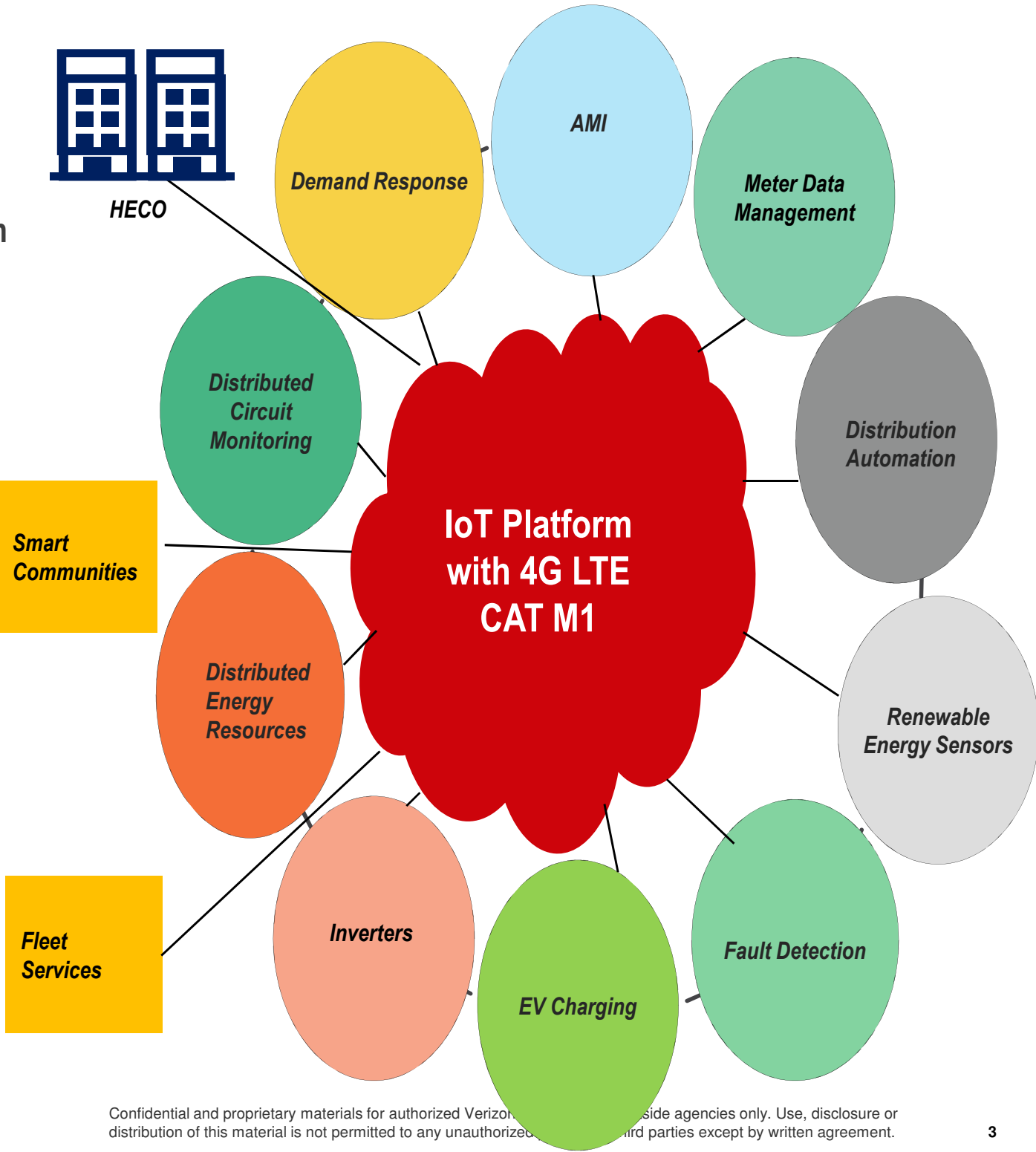
# 2005-2016 Grid

- Disparate Point Solutions
- Private Radio w/ Collectors
- 2G and 3G Backhaul
- Stranded Meters
- Slow to Deploy
- Billions of \$ Spent
- Zero Applications Integration
- Additional Resources Req'd



# 2017 Grid for Hawaii

- Integrated IoT Services Platform
- 4G LTE CATM1 Network
- Standards Based
- Scalable
- Fast to Deploy
- Near Real Time Power Quality
- Analytics to be Proactive
- Frequency, Volt / Var Reading
- HAN Tools and Integration
- Customer Engagement Tools
- Improved Customer Experience
- Sustainable Hawaii



Confidential and proprietary materials for authorized Verizon... side agencies only. Use, disclosure or distribution of this material is not permitted to any unauthorized... third parties except by written agreement.

# How it works

