

Developing the Architecture for the Integrated Grid

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Modern Grid Technology and Leading Practices Workshop
Grid Architecture Grid Panel Session

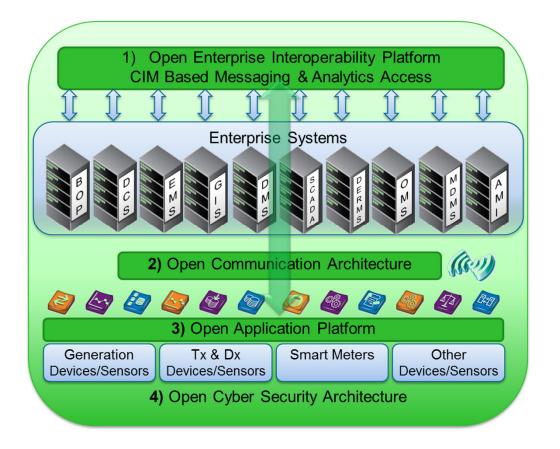
Why is the Grid Architecture Critical?

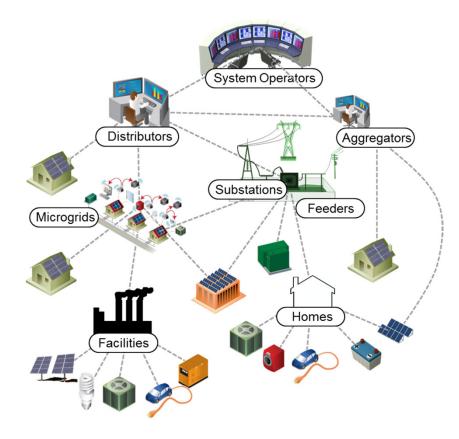
- Fundamental design decisions
- Basis for integration of new technologies (interoperability)
- Facilitates innovation
- Multiple stakeholder participation
- Cyber security





Key Challenges

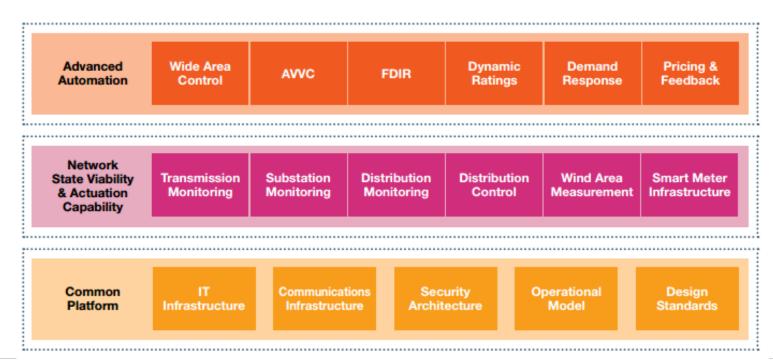




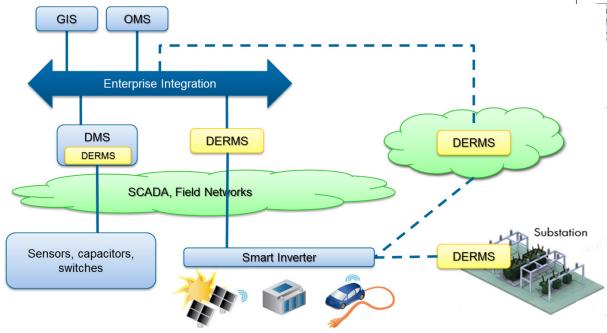


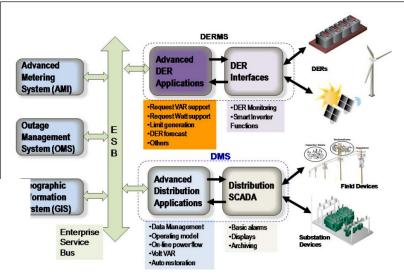
Lessons from Australia

- Common Platform standards-based, flexible, and cover the entire network.
- Deep situational awareness and control infrastructure.
- Advanced automation layer.



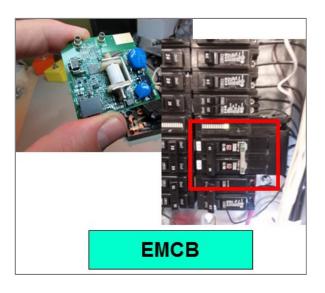
Critical Architecture Issue in Hawaii - Where is the DERMS?



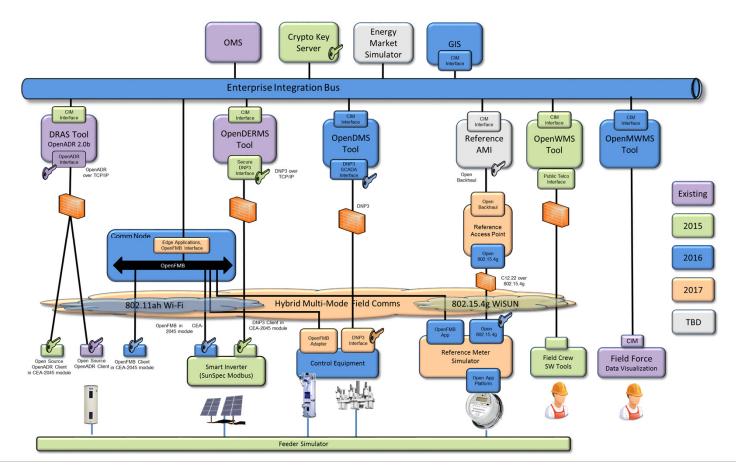


Next challenge – Integrating the customer





Developing a platform for advancing the interoperability standards and technologies





Together...Shaping the Future of Electricity

