Technology Platform Strategic Initiative

Steve Brown, Director Enterprise Architect
Board of Directors Meeting
November 13, 2020
2019
Introduce the Strategic Initiative: Technology Platform

2020
Share our progress and vision for the future
Technology Platform Components

To create a technology base that cultivates customer and employee confidence, while also being sustainable and directly aligning with the holistic goals of OPPD.

Reliable and useable technology is the key to digital enablement.
A glimpse into the future

1. An OPPD field employee is actively driving to a job site. A problem is detected on the OPPD smart grid. The employee is notified and redirected to review the problem.

2. The customers in the area are proactively notified that OPPD will be in the area shortly.

3. The worker visually surveys the situation and uses a field tablet to bring up a 3D view of the asset and its history. Deciding to replace it, the part is automatically taken out of storage and prepared for transport to the site, a replacement is automatically ordered and procured to ensure inventory readiness.

4. The customers in the area are then notified when the work will be done, estimated duration, and provided safety tips. If curious, customers can access the OPPD work portal to observe progress and provide feedback.

5. Within the Energy Control Center, this asset failure has created some concerns around reliability in the area. The team brings up a geospatial map of the entire region and is able to survey the surrounding assets, which are all connected. The team leverages advanced analytics to review historic performance, current state, and to establish a future prediction. They decide to replace several potential failure points proactively.
Resources

Work Stream Leads
- Core: Steve Brown/ David Whisinnand
- Asset: David Boyd
- Data: Volker Schulz
- Mobility: Dala Alphonso

Advisers and Core team members
- Core: 15
- Asset: 10
- Data: 10
- Mobility: 10

SME
Additional subject matter experts from all business units, along with outside services, will be consulted throughout the project.

Strategic Steering Committee

Technology Platform
SI Manager: Steve Brown
Keeping an Eye on Today

Reduce our technical risk by continuing diligent life cycle management, critical system modernization, business unit support

2020 - 2021
Strategic Initiative Timeline

- **Q3-Q4 2020**: Baseline assessment and vision engagement
- **Q1-Q2 2021**: Strategic Initiative Alignment
- **Q3-Q4 2021**: Cross Organizational Alignment
- **Q3-Q4 2021**: Execution Planning
Further Questions?