

CASE STUDY

Energy Transfer

Achieving Digital Transformation Success



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Applications
Energy Transfer

"With only 1 year completed, we've captured more than \$10M in annualized savings."



Real-Time Data

dataPARC used enterprise wide representing more than 6 million tags at over 100 locations



Cost Reduction

\$10M in annualized savings, and zero system downtime



Time Savings

Made operational decisions before the window of opportunity had passed

Energy Transfer's Story

Energy Transfer (ET) is a mid-stream energy company headquartered in Houston Texas. With 90k miles of pipeline, 477 facilities and 10k employees the amount of data that needs to be managed daily is massive. ET, like other companies that distribute energy, needed real time data in order to process and disseminate information to people, departments and facilities enterprise-wide.



1996

Company
Founded

477

Facilities

90k+

Miles Of Pipeline

10k

Employees

Energy Transfer's Challenges

Before dataPARC was implemented, data silos were common and data from multiple systems did not connect to each other. Not only was mining for data a huge time drain, it did not allow decision makers time to make operational decisions before the window of opportunity had passed. ET's previous data management systems were difficult to integrate, and they varied enterprise wide. In addition to the difficulties of integration, different reporting methods were used at various sites resulting in a lack of consistent information being shared.

The dataPARC Solution

During year one, dataPARC was used at the Mont Belvieu Fractionation facility and the beginnings of digital transformation began. Mont Belvieu increased operational efficiency, integrated and streamlined environmental monitoring and reporting, and consolidated data across several other assets. It soon became apparent that dataPARC was the right choice for enabling Energy Transfer's



dataPARC was able to layer PARCview tools with existing data historian tools without the need to rip and replace.

Results Were Immediate And Impactful Including:

- Did not have to rip and replace existing systems
- Worked from the ground up to educate and empower engaging many roles, not just IT
- Reduced need to travel to different sites
- Made better decisions faster
- Saw data in real time
- Optimized operations

Want To Learn More?

Watch Tyler Fedun's presentation on how Energy Transfer achieved digital transformation success.

Watch Now

digital transformation strategy. Over the next few years ET was able to bring on several more facilities and begin investigating a true enterprise solution that met their data sharing needs and extended this success company-wide. During year four of site implementations, Energy Transfer began a two-year project, deploying dataPARC enterprise wide and enabling a data infrastructure representing more than 6 million tags at over 100 locations.

When a data historian is replaced, plants not only have to re-establish data connections with underlying systems, they have to replace existing visual content and convert or recreate existing reports and replicate any custom scripting or calculations.

dataPARC easily integrated with various systems Energy Transfer acquired without the need to alter anything done at the site level. Seamless integration meant corporate's need to employ a single solution without any appreciable impacts at the site level. Because of Capstone's approach, delays caused by unique site configurations were avoided, and larger groups were trained at appropriate times, allowing for strategic, well timed data infrastructure changes.

Energy Transfer now fully leverages a functional corporate data management system and addresses site level conversions with relevant added value on a timeline that minimizes impact to business.

At 14 months into the implementation, Energy Transfer has captured over \$10M in annualized savings, faced zero system downtime and values dataPARC as a successful long-term solution.

1

Centralized
Corporate Data
System

50

Facilities Received
High Performance
Solutions

4

Million Data
Points

4,300

Custom Displays

477

Facilities

90k

Pipeline with
100% visibility

700

Empowered
Field Personnel

14

Months of
zero system
downtime

