

# Reduced Enterprise Carbon Emissions With Intelligent Cloud Adoption

for Fortune 20 Energy Company



## Business Need

- To rapidly **reduce carbon footprints**
- Drive cost **improvements**
- Consolidate **data centers to the cloud in order to reduce carbon footprints.**
- **Reduce oil and gas production and lower emissions** while keeping up cash flow by growing bioenergy.
- **Accelerating net-zero ambition** – the aim is to be net-zero by 2050 or sooner across operations, production and sales.



## Challenges Faced

- Azure data migration delays causing an expenditure of \$10s of millions of dollars
- 600 TB Data Center Closure
  - Migrate data to ANF
  - Maintain proper ownership and access
- 250+ volumes
- 45 days to move
- Additional challenges include manpower & migration expertise, performance lags, lack of scalability, loss of metadata/security, and complexity



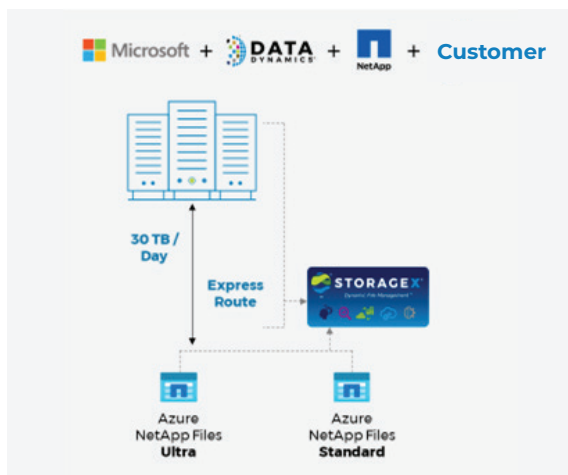
## Solution Offered

Data Dynamics combined the CDMC™ Cloud Data Management Capabilities Framework and four proprietary practices to ensure effective cloud adoption:







1. **Structured the unstructured data with a unified approach** – Unlock data-driven insights, secure data, ensure compliance and governance & drive hybrid cloud data management
2. **Reimagining cloud migration** - Transition from traditional Lift and shift to intelligent data-driven migrations
3. **Assured in-year ROI on software investment** - Storage optimization and risk mitigation creates sub-12-month ROI
4. **Enabled unparalleled scale and compute power** - Build compatibility with scalable cloud applications and APIs ensuring flexibility, zero-latency & downtime, and cost savings



## Solution Architecture



## Business Impact

1.   
**600 TBs of data migrated in 20 days**
2.   
**35% reduction in operational emissions**
3.   
**Low carbon energy projects grew by 400%**
4.   
**60% savings through improved TCO**
5.   
**3X faster migrations and 10X increase in productivity**
6.   
**Recognized data center closure savings of \$10s of millions of dollars**

Data Dynamics is a leader in intelligent file management solutions that empower enterprises to analyze seamlessly, move, manage and modernize critical data across hybrid, cloud, and object-based storage infrastructures for true business transformation. For more information, please visit [www.datadynamicsinc.com](http://www.datadynamicsinc.com).