

# AMD LiveAnalytics Case Study



How could AMD move analytics to the cloud with NO disruption of ongoing, critical business operations?

## GOAL

Cut operational cost and increase analytics capabilities by moving large scale on-premises data to cloud

## GOAL ACHIEVED

Petabyte scale data movement, continuous replication with real-time data availability for analytical processing

### Challenge:

Any interruption to AMD's critical business systems could disrupt manufacturing processes, seriously impacting profit.

### Data Infrastructure:

Wanted migration from Hortonworks cluster to MS Azure Data Lake Storage to modernize its analytic platform

### With WANdisco:

AMD can achieve petabyte scale data movement, continuous replication with real-time data availability for analytical processing

### AMD with LiveAnalytics:

- ✓ Has Active – Active (LIVE) across all locations
- ✓ Has real-time not batch synchronization
- ✓ Selects which data is to be kept LIVE
- ✓ Leverages all compute in all locations
- ✓ Uses Azure blob to burst compute / scale out
- ✓ Uses data in ADLS for non-Hadoop workloads e.g. Databricks