AMD LiveAnalytics Case Study

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

**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

**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