

### Data Migration

***Description: With the emergence of Cloud and IoT requirements, organizations are planning their modernization roadmaps. One key element to any modernization initiative is the data migration from legacy to target system. The Cloud-Edge Data Migration solution offers a powerful centralized toolset to automate, manage, and repeat system data migration efforts.***

### Challenge

Migrating data from legacy systems is always a challenge and in some cases unforeseen or overlooked risk occurs with many IT initiatives, both large and small scale. Many legacy systems require SME interpretation and lack clear or available documentation for translation. This lack of clarity is due to customizations and “work-around” solutions that evolved over the years of service for the applications targeted for migration or modernization. Ultimately, code needs to be developed on the source system for data and data definition to be exported and translated. Software must be purchased from multiple vendors or created to convert the data from legacy to target. This creates a multi-vendor, multi-integration project on top of the existing data migration project itself, that may or may not have been anticipated.

### Action with Cloud-Edge

Cloud-Edge offers a single data migration software solution eliminating a multi-vendor, multi-integration-point scenario, by providing a complete end-to-end data migration framework. Cloud-Edge's framework simplifies and consolidates the data extract and migration processes for both the legacy data definition-to-target and data migration-to-target demands. This solution setup is part of our Data Processing, Active Storage, and Analytic Engine modules. Combined, these modules store and translate legacy detail through our Active Storage and Analytics Engine, to generate DDL and data migration scripts through our advanced analytics “SEEDs” development process, and execute the migration scripts to move data and DDL to the target systems.