

Data Prep Checklist

At first glance, migrating your current system to the Utility Network appears to be an intimidating process. No “easy button” exists to convert data to the Utility Pipeline Data Model; but with proper planning, your data migration effort will proceed smoothly. This checklist provides the data preparation steps to ensure a successful data migration.

□ **Planning data migration**

Ensure data preparation is a critical item in early planning sessions.

□ **Profile your data**

Profiling current data identifies inconsistencies, whether they be attribute or geometry based. Potential issues include attribute value inconsistencies, NULL values in critical fields, or geometry errors.

□ **Prepare and remediate data**

Data remediation is an iterative process. Data cleanup prior to migration paves the path for smooth schema mapping and data migration efforts.

□ **Prepare for the Utility Network data model**

The Utility Network model contains many concepts to become acquainted with. Since the migration will not be a 1-to-1 conversion, much thought will need to be given to how your attributes will be migrated to fulfill your needs.

□ **Prioritize network features**

Prioritize the migration of features based on geographic location, network location, operational state, and high priority reporting features. After these critical features are completed make continual forward progress to a successful migration.

□ **Explore Utility Network licensing**

The Utility Network licensing model changed beginning with Enterprise 10.8. Be familiar with license distribution and potential impacts to your organization.

□ **Rehearse data migration**

Before moving to the new model, conduct mock migrations. Utilizing a “sandbox environment”, use your Extract, Transform, and Load (ETL) tools to ensure data is being migrated properly and within the planned timeframe.

□ **Migrate to the Utility Network**

Data is the foundation of the Utility Network. Executing a successful Utility Network migration is dependent on your data readiness. With these steps in mind, you are on the road to a successful Utility Network migration and implementation.