Background
The City of Aspen has a small underground electric utility network. The city wanted to have an accurate representation of its electric assets in GIS. The location of primary lines and transformers were collected first, followed by secondary lines and other electric point features.

Problem
The City of Aspen wants to migrate all of its utility assets into the Esri Utility Network framework. Before this can happen the electric network needed to be cleaned up. The existing features were often topologically incorrect and were breaking rules in the geodatabase's geometric network. There were also attributes and features that were missing.

Solution
The existing geodatabase feature classes were edited to eliminate all topology errors. Service points were added to secondary lines. Linework was edited to improve visualization of the network. Survey123 applications were also created to allow the electric department to collect additional attributes and features in the field.