



# Telecom network planning using GDi Ensemble for ArcGIS

## OVERVIEW OF GDi SOLUTIONS

GDi Ensemble for ArcGIS provides a comprehensive set of functionalities for the modeling, design and planning of complete end-to-end telecommunication network. This tool is designed to model complete portfolio of telecom network infrastructure and equipment from trenches, ducts, cables, fibers, manholes up to optical splitters and ODFs, with the possibility to incorporate all real-world telecom rules and dependencies.

GDi Ensemble for ArcGIS, in combination with GDi Vizion, is the Complete Network Lifecycle Management Solution, covering the entire life cycle from planning and design up to network operation processes.



**GDi works closely with Esri Telecom team to be fully aligned with latest version of ArcGIS products. As a result of such focused development, main highlighted features of GDi Ensemble for ArcGIS are as follows:**

- Creation and editing of features that model every type of telecommunication network equipment
- Creation and editing of connectivity rules
- Configuration of a model that fits specific customer needs
- Tracing how resources, such as entire cable of particular fiber, pass through the network
- Providing dynamic operational view of how equipment is currently configured
- Analyze how the network is affected by real-world events such as equipment failures
- Easier drawing and network planning Real-time insights using ArcGIS Dashboards
- Making advantage over competitors since this tool acts as a pioneer in the Telecom network design within ArcGIS platform