



MTF GIS Committee
Beta Testing Comments (Cube 4.2.1 with Cube 5 Beta)
December 20, 2007

COMPILED COMMENTS FOR FUTURE IMPROVEMENTS TO CUBEGIS:

1. ArcGIS checkbox appears in 4.2, but when a network is opened, the "Viper" map appears, not ArcGIS - Citilabs previously responded that it appears that they broke the linkage from Cube to ArcGIS in 4.2 while adding the new GIS capability in Cube. They will go back and fix it.
2. It's too bad that the link/node feature classes are not in a feature dataset. In the long run, keeping the link/node feature classes in a feature dataset will allow us to build an ArcGIS Network using the link/node data without any conversion. The GIS-TM database structure has the link/node feature classes in a feature dataset.
3. When importing a network into geodatabase, is shape file the only data type allowed for true shape representation? Should also allow use of feature classes in geodatabase format.
4. It will be nice to have the following:
 - Ability to save results created by the 'Thematic Map' tool (under the 'Post' menu) as GIS feature classes for further analysis or mapping
 - Ability to save results created by the 'Build/Trace' path tools as GIS feature classes for further analysis or mapping
 - Ability to display raster data stored in SDE or image server
5. Support for ArcGIS annotation feature class seem to have some bugs:
 - Annotation feature classes in geodatabase are displayed as polygons
 - Was able to create feature-linked annotations for the Cubetown network. However, adding the feature-linked annotations into CubeGIS caused the View screen to stop refreshing. Removing the feature class from the data frame would not fix the problem either.
6. Need to incorporate GIS-TM functions
7. There may be a geodatabase size threshold, especially when the source is inside a personal geodatabase; specific to Build From Feature Network function
8. Implement node/point charts in March release
9. Add ability to copy entire contents of a data frame into another data frame (will be addressed in March release)
- 10. Citilabs to provide documentation (schema file) of feature classes, tables, and required attributes present in a Cube geodatabase including PT (high priority)**
11. Support for SDE data format
12. Need to have relationship between binary network and centerline file and maintain compatibility with Navteq and TeleAtlas data
13. Place a higher priority on implementing a Cube extension within ArcGIS
14. Promote consideration of keeping line and node feature classes within a feature dataset
15. Add tool to globally change SQL reserved keywords in the model