Organizing Data

After data is imported into the InfoAsset Planner project database, you may wish to use InfoAsset Planner to directly view and edit their data. This section describes the tools available to you to help organize and edit your InfoAsset Planner data.

Database Editor - The Database Editor (DB Editor) is an easy way to not only view but also edit your internal InfoAsset Planner data. Whereas the Dashboard is generally not editable and mainly used for viewing and reporting data, the DB Editor is a tabular reference for you to make tabular edits. The DB Editor contains very similar functionality as Attribute Tables in ArcGIS. The convenient aspect of the DB Editor is that you do not have to enter into an Edit session in order to adjust their data as is required in ArcGIS.

Work Manager Tabs - You may import, organize, and store work management information in their InfoAsset Planner project database for use in InfoAsset Planner analyses. InfoAsset Planner's Work Manager tool is composed of a series of tabs used to further organize this type of data. CMMS solutions outside of InfoAsset Planner may have their data directly imported into this tool via the CMMS Data Exchange tool, or an intermediate step may be necessary to complete the data exchange. The Work Manager in InfoAsset Planner is not meant to be a fully fledged CMMS solution; instead it is a location to organize CMMS data for incorporation into further InfoAsset Planner analyses.

Inference Tool - InfoAsset Planner has the ability to infer different types of missing data. This can be useful in making quick, educated assumptions in order to receive clear results. It is important to realize that InfoAsset Planner will not track inferred data vs. imported data, so you should use caution before inferring values. In addition, you have some flexibility over the inference parameters, but the inference options may not be fully customizable or the added to.

Validation Tool - InfoAsset Planner may validate your data in order to flag missing or erroneous values. This is an important step to be sure you understand fully the data being evaluated in further analyses. InfoAsset Planner comes pre-loaded with a set number of validations which can be adjusted by the user. In addition, you may add their own custom validation rules.

Facility Selection - The Facility Selection tool is used to save static selections of InfoAsset Planner facility type and vertical asset objects. Facility selections may be created in a variety of ways and used to divide single facility types into multiple parts. A good example of facility selection use is may occur when storm and sewer mains are both included in the gravity mains facility type. Although they are combined into a single feature class, facility selections can be used to run separate risk, rehab, and statistical modeling on storm mains vs. sewer mains. In this way, you can still utilize all of the unique gravity main facility type tools, while still keeping their data separate.

Name Areas - Named Areas within InfoAsset Planner are very analogous to ArcMap's Bookmarks feature. Named areas may be created, saved, and recalled to zoom you in to a specific part of the map.

Vertical Assets - Many linear or point assets have smaller, related assets incorporated into them. These assets we call vertical assets. A good example might be a treatment plant or lift station. You might have a single point feature class to represent a treatment plant, but the pumps, switchboards, outlets, control systems, tanks, etc. with the treatment plant may not have separate feature classes to represent them on the map. Instead of representing these asset types individually, these vertical assets (pumps, switchboards, etc.) may be incorporated and related to the parent asset (treatment plant).