App B File Organization and Formats

An integrated SWIM project is composed of three sets of files:

- SP Guru Network Planner files—The project file (.prj), its associated network models (.m) and any other associated files (such as files generated by Flow Analysis)

- WDM Guru files—Another project file, with a suffix _WDM added to the project name of the SP Guru Network Planner project (thus, ending in _WDM.prj) and its associated model files.

- SWIM files—Every scenario in a SWIM project includes an XML file that defines the mappings between the two scenarios (SPG node/WDMG node mappings and SPG link/WDMG connection mappings).

  The XML file can also contain default mapping settings. This is a list of link models in SP Guru Network Planner and specifies the SP Guru Transport Planner traffic settings (layer and bit rate) that should be used for the connections such links are mapped to. These default settings are used for automatic mapping of links; for more information, see Setting Link Mapping Defaults on page TC-5-7 and Automatic Link-to-Connection Mapping (New SP Guru Transport Planner Traffic Matrix) on page TC-5-2.

The distinction between SP Guru Network Planner project files, SP Guru Transport Planner standalone project files, and SWIM project files is achieved through so-called companion files. If a .prj file is accompanied by another file with the same name with an added suffix of .wdmg, then it is considered to be a standalone SP Guru Transport Planner project. In contrast, if the same name with an extra .SWIM suffix is found, it is treated as the SP Guru Transport Planner part of a SWIM project.

The following tables list the file types used by SWIM (Table B-1), SP Guru Network Planner (Table B-2), and SP Guru Transport Planner (Table B-3).

Table B-1 SWIM Project Files (Part 1 of 2)

Suffix/Extension	Sample File Name	Description
.prj	swim_sample.prj	The SP Guru Network Planner side of the SWIM project
_WDM.prj	swim_sample_WDM.prj	The SP Guru Transport Planner side of the SWIM project

Table B-1   SWIM Project Files (Part 2 of 2)

Suffix/Extension	Sample File Name	Description
_WDM.prj.swim	swim_sample_WDM.prj.swim	A companion file indicating that the corresponding _WDM.prj file is the SP Guru Transport Planner side of a SWIM project
.nt.m	swim_sample-scen1.nt.m swim_sample_WDM-scen1.nt.m	Network model file of a particular scenario ("scen1" in the sample).
.wdmnt.xml	swim_sample-scen1.wdmnt.xml	SWIM file containing the relationships between SP Guru Network Planner and SP Guru Transport Planner objects
End of Table B-1		

Table B-2   SP Guru Network Planner Project Files

Suffix/Extension	Sample File Name	Description
.prj	spguru_sample.prj	The SP Guru Network Planner project file
.nt.m	swim_sample-scen1.nt.m	Network model file of a specific scenario ("scen1" in the sample)
End of Table B-2		

Table B-3   SP Guru Transport Planner Project Files

Suffix/Extension	Sample File Name	Description
.prj	wdmguru_sample.prj	The SP Guru Transport Planner project file
.prj.wdmg	wdmguru_sample.prj.wdmg	Companion file indicating that the corresponding .prj file is a standalone SP Guru Transport Planner project
.nt.m	wdmuru_sample-scen1.nt.m	Network model file of a specific scenario ("scen1" in the sample).
End of Table B-3		