



Scheduling Interface (SI)

Synopsis of Scheduling Interface (SI).

OVERVIEW

1. About Scheduling Interface.

The SI module provides cost engineers with an automated means of developing functionally effective construction cost schedules based on *MCACES* cost estimates.

The scheduling data produced by the SI module is stored with the *MCACES* estimate (project database). The user can therefore save a project database as a master template or as a model in the Models database (using [MCACES Version 5.30](#)) and have the scheduling data available for future use. In many cases, the scheduling data will require only minor editing in order to be used for a new project.

The module provides the user with the capability of producing a basic project schedule, including durations for titles at all hierarchical levels and an estimates of the total construction time and projected finish date. This feature provides a view of what the project schedule will look like without requiring the user to actually run one of the scheduling programs.

The SI module is a pseudo WindowsTM application written in Borland Corporation's C++ and contains approximately 34,000 lines of source code.

2. Functionality.

The system provides a one-way interface from *MCACES* to transfer direct, contract and total cost information to user-specified software, i.e., Primavera, Open Plan or Microsoft Project for WindowsTM. Revisions to an *MCACES* project can effectively update a schedule without overwriting the schedule database.

The user may select between Precedence (PDM) and Arrow (ADM) modes in order to maintain compatibility with the specified system(s).

In developing scheduling information the user may select information from other projects, models and assemblies; and may define a default precedence through the WBS maintained within the Models database.