



Critical Path Method Scheduling

Critical Path Method (CPM) is a project management technique that requires mapping out every key task that is necessary to complete a project. It includes identifying the amount of time necessary to finish each activity and the dependencies of each activity on any others. CPM is used to set a realistic deadline for a project and to track its progress along the way.

AACEI - Recommended Protocols for Forensic Scheduling

2. SOURCE VALIDATION

The intent of the source validation protocols (SVP) is to provide guidance in the process of assuring the validity of the source input data that forms the foundation of the various forensic schedule analysis methodologies discussed in Section 3. <u>Any analysis method. on matter how reliable and meticulously implemented, can fall if the input data is flawed.</u> The primary purpose of the SVP is to minimize the failure of an analysis method based upon the flawed use of source data.

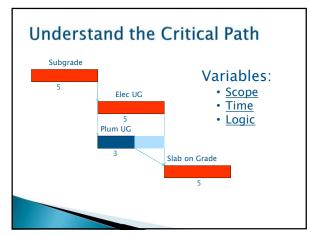
The approach of the SVP is to maximize the *reliable* use of the source data as opposed to assuring the underlying reliability or accuracy of the substantive content of the source data. The best accuracy that an analyst can hope to achieve is in the fathful reflection of the facts as represented in contemporaneous project documents, data, and withess statements. Whether that reflection is an accurate model of reality is almost always a matter of debatable opinion.

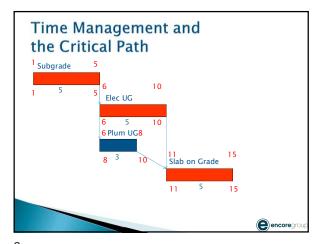
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Validating a construction schedule as a source document includes analyzing the *validity of a critical path*, as well as ensuring that a source schedule *can be used as a basis for time impact analyses*.

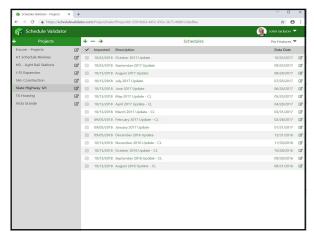
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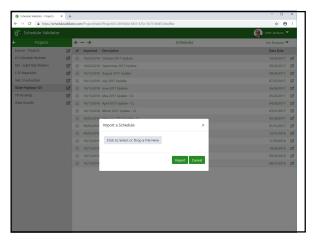


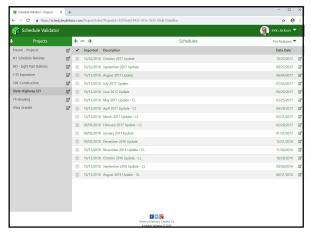


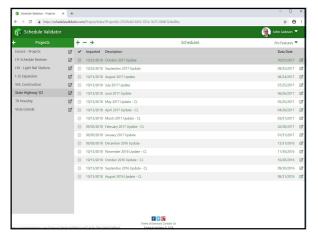




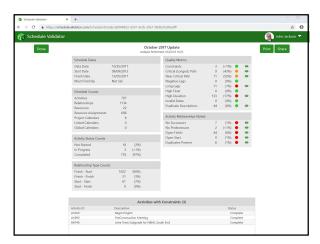


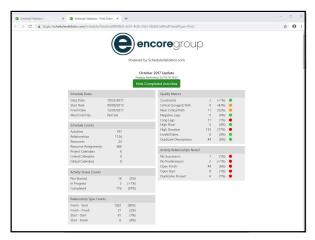














A Validated CPM Schedule is essential to ensure a schedule can be relied upon for reliability and analysis

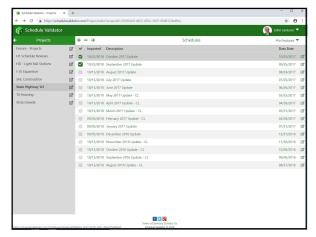
A Validated CPM Schedule is useless if it is not monitored properly.

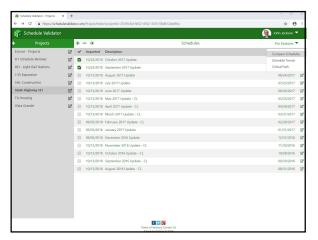
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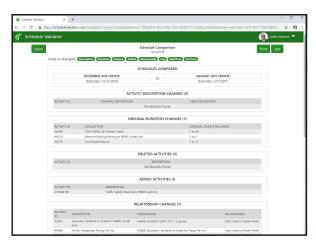


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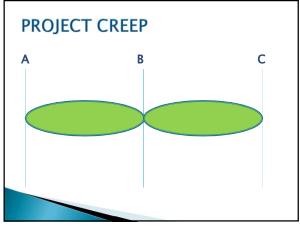
What's allowable in an update? (2) The Contractor shall schedule and meet with (monthly) to discuss the current Project Schedule, progress of the Work, and any potential changes to the current Project Schedule. The Contractor shall submit all changes to for acceptance before such changes are incorporated into the current Project Schedule. Contractor shall be acceptance before such changes are incorporated with the current Project Schedule. Contractor to be the Contractor of the Contractor of

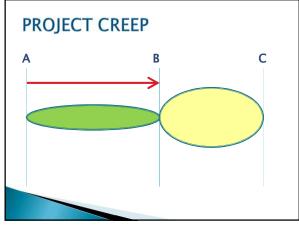


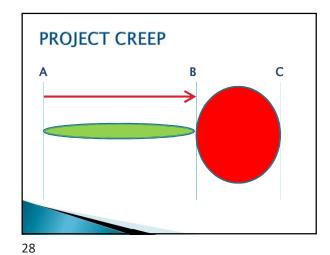












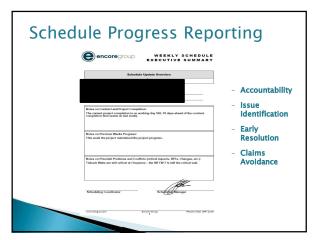


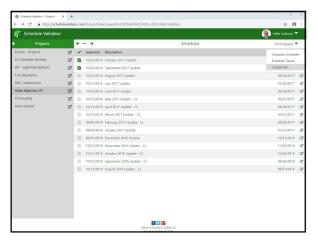
Monitoring Progress

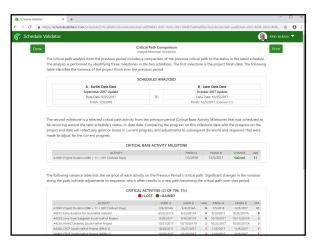
3 Key Items to Review

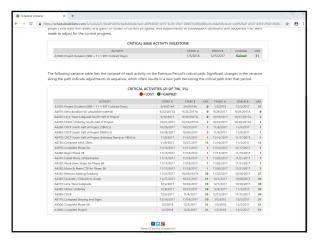
The Completion Date Progress on the Critical Problems

Potential Problems









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Establish a Resolution Strategy Data Date Project Loss Loss 3/31/2011 -10 -5 0 0 4/30/2011 -15 0 0 0 -15 -20 5/31/2011 0 0 5 15 0 15 6/30/2011 -15 -15 5 0 5 -10 7/31/2011 Totals -15



