Deltek Acumen 360™

Milestone
Project Management Solutions


INTRODUCTION

Deltek Acumen 360™ gives you a 360 degree view of all of your scheduling possibilities. The software lets you generate schedule scenarios in real time so that you can hypothesise acceleration opportunities or threats of delay and immediately assess the impact. Identify areas where acceleration is possible so you can make up for lost time or identify pathways for coming in ahead of schedule.

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OVERVIEW

▶ User-based intelligence that gives you the ability to control acceleration with user inputs to build a scenario that can actually be used

▶ Powerful engine generates scenarios in minutes rather than hours to keep the project team moving forward without the lengthy reworking required using manual processes

▶ Repeatable process – the calibration sliders in Acumen 360™ let you run 'what-if' analyses over and over to hypothesis the pros and cons of different approaches

▶ Defendable results give project teams the confidence to make data-backed cases for decisions whether mitigation plans, reallocation of resources or contract changes are in order

▶ Fully customisable letting you go beyond customising acceleration inputs with savings options such as acceleration rates and the order of compression to give you total control

▶ Automatically created schedule scenario can easily be exported to Oracle Primavera or Microsoft Project

FEATURES & BENEFITS

▸ **Identify the optimum plan**
Even best laid plans can fall victim to unexpected slips and delays while the most aggressive schedules can offer potential areas for acceleration. Acumen 360™ lets you run 'what if' acceleration scenarios to identify acceleration cases, hypothesise best and worst case scenarios and recover the impact of delays.

▸ **'What If' analysis**
Project teams know the questions to ask about the issues facing their projects. The challenge is getting intelligent answers. Acumen 360™ helps you answer questions like 'what happens if contractor A takes 6 weeks longer' and 'if I accelerate construction by 20% how much sooner can I deliver the project'? The power to answer these questions keeps project teams ahead of the curve through identifying as many hypothetical situations as necessary.

▸ **Three different acceleration modes**
– Interactive:
Acumen 360™ Duration Calibration lets you add or reduce duration interactively across a single activity, groups of activities, an entire work breakdown structure (WBS) or across the entire project schedule. Select activities that require either less or more time than planned and see the impact on the project as a whole and on the completion time.

– Automatic Goal-Based:
Generate the fastest project scenario possible at the click of a button. This automatic simulation lets you determine the earliest finish date possible while still accounting for your acceleration criteria.

– Targeted:
You have the knowledge as to where acceleration is possible in a project. Acumen 360™ takes into account your knowledge of the schedule to target specific areas for acceleration and set limits for reducing durations.

▸ **Identify the best path forward**
– Compare multiple scenarios: Acumen timeline view and diagnostics let you compare and identify the best path forward and evaluate scenario quality and achievability.

– Compression efficiency factor™: Look at how much effort is required for acceleration and identify which contractor, WBS, or phase of schedule offers the highest return.

– Run multiple simulations: Change acceleration scripts to try multiple acceleration options. Try accelerating activities, changing calendars or reducing the remaining duration of a certain WBS until the optimum acceleration is achieved.

▸ **Intelligent CPM methodology**
Acumen 360™ intelligent pinpoint acceleration or deceleration is based on proven technology and does not use an imprecise 'network crash' approach. Once all inputs are made, 360s CPM engine runs thousands of simulations that attempt to meet the desired goal. This method of incremental adjustments builds realistic scenarios that can be used as the project plan going forward.
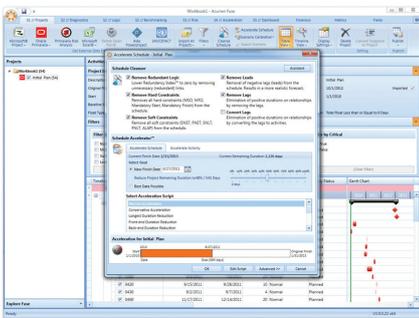
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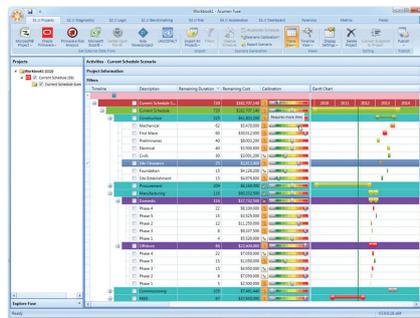
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Contact one of our expert advisors today to see how we can help you.