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Deltek Know more. Do more.®

Deltek Acumen Solutions

Deltek Acumen Fuse
Deltek Acumen Risk
Deltek Acumen 360

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It takes a good plan to make a great project

At Deltek, we believe that a sound schedule is the key to a successful project – and an exceptional project manager.

Our core concepts, methodology and products work hand-in-hand to consistently create sound schedules, completion confidence, on-time and on-budget projects and, ultimately, successful project managers.

The best solutions enable the most confidence

Deltek Acumen solutions bring you unmatched analytics throughout each step of your project.

Acumen Fuse – Diagnose and resolve shortcomings

Acumen Risk – Proactively reduce risk exposure

Acumen 360 – Accelerate and align schedule with project goals

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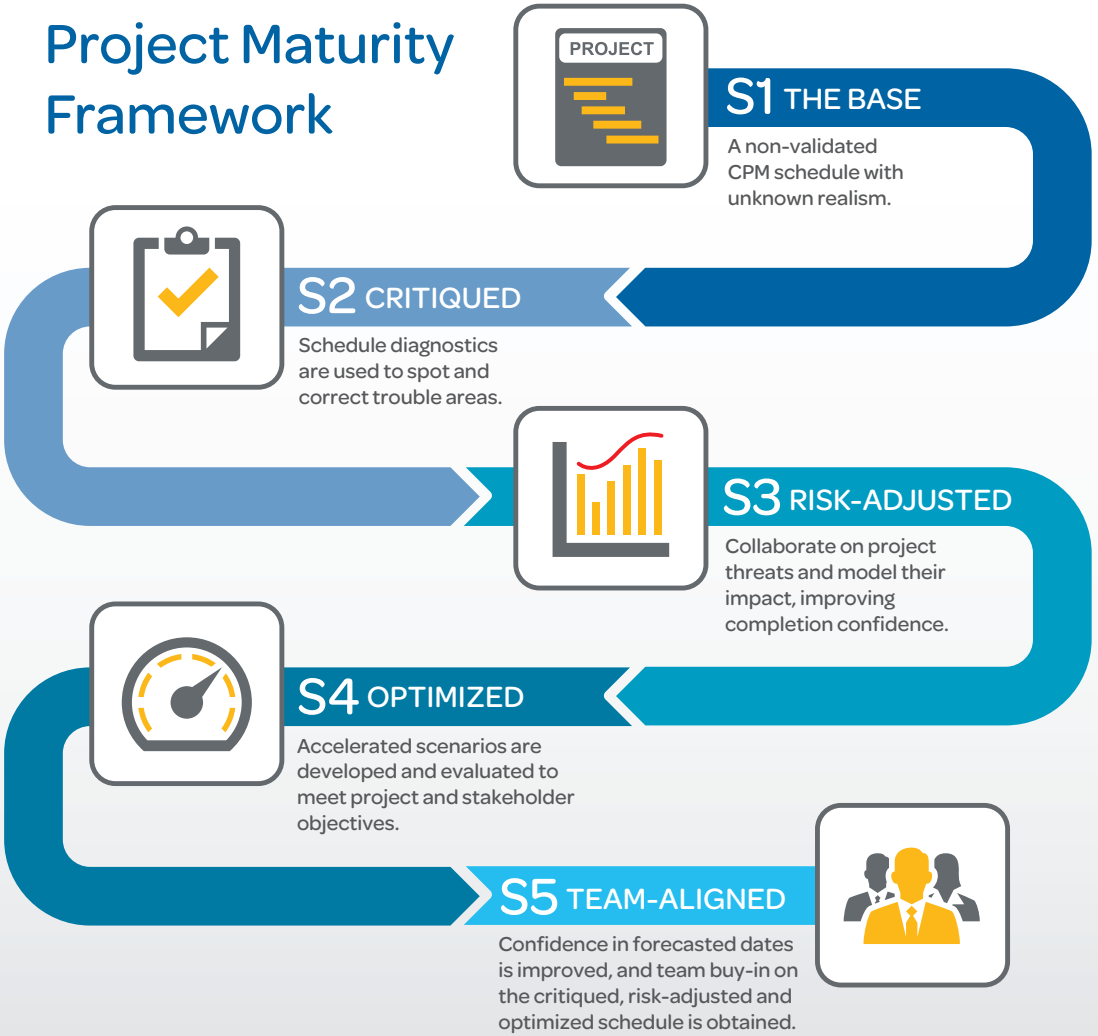
Five steps to Project Maturity

By pursuing the following five levels of identified maturity, projects are able to establish schedules that are validated; have accounted for risk; have been optimized and mitigated in order to achieve a target and have team buy-in on the execution plan. Each level leads to a more successful and more achievable project plan.

The Deltek Acumen software suite integrates directly with your current scheduling tools (S1) to help you improve schedule quality (S2), increase project confidence (S3), and achieve successful on-time completion (S4) time and again. The proven track record of Acumen products makes true team consensus and buy-in (S5) on the project possible.

The Deltek Project Maturity Framework has helped predict completion dates (and budgets) to within 1.5% of actual completion on well over $300B worth of projects.

Project Maturity Framework



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Organizations using Acumen Fuse report a time savings of more than

34 hours

per project. This equates to around 13 weeks of time savings per year on a portfolio of 15 projects.

A sound schedule is the key to project success

With the complexities inherent in today's projects, teams still struggle to deliver projects successfully under the triple constraint of cost, time and scope. As an industry, we're too ambitious with our planning, and inaccurate schedules can't produce achievable success.

Project teams need to:

- Improve schedule quality and resolve schedule shortcomings without manual critique
- Meet contractual and governmental requirements for planning quality
- Slice and dice project data for a clear visual into what isn't working, as well as options for course correction

Deltek Acumen Fuse® diagnoses and resolves schedule shortcomings in a matter of minutes helping you create the soundest schedules possible, and execute them with consistent success. With Acumen Fuse planning the work becomes faster, easier and much more realistic so that working the plan is smoother, cheaper and, at the end of the day, much more successful.

How?

Advanced analytics means problems are quickly and easily identified; schedule cleanser immediately corrects identified issues; flexible reporting enables communication to key people what they need to know about your project, multi-platform integration provides seamless analysis and views of the entire project or portfolio.

See Acumen Fuse in Action

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Organizations that utilize risk analysis as part of their project management processes reported profits between

30 & 300% higher.

Accurate forecasting requires consideration of risk

Even the best laid plans still require the strong assumption that scope is 100% accurate and that regardless of what happens during execution the project will finish on time. In reality, this just isn't the case. Every project carries uncertainty and risk that all too often lead to schedule delays and cost overruns.

Risk analysts need to:

- Easily capture schedule and cost risk and uncertainty and quickly model the potential impact on the project
- Report cost and schedule risk exposure in an understandable fashion
- Identify the highest risk areas of the schedule and evaluate options for mitigation

Deltek Acumen Risk helps you effectively account for and proactively reduce risk exposure for an accurate forecast you can rely on.

How?

Straightforward analysis eliminates the statistical and logical complexities of building risk models; user-friendly reports provide insight into key risk drivers and high-risk areas of the schedule allowing for targeted mitigation efforts; powerful Monte Carlo engine ensures the utmost accuracy and unrivaled analysis performance.

See Acumen Risk in Action

It takes anywhere from

8 – 20hrs

manually to create and evaluate accelerated schedule scenarios.

With Acumen 360 scenarios are generated in seconds.

Intelligent acceleration aligns objectives and remediates delays

The constraints of time, cost and scope on a project and the uncertainty and risk that accompany them are a management tightrope for the even the best project teams. An unachievable time line or an unexpected delay can easily tip the balance, forcing your project in late and over budget.

Project teams need to:

- Quickly recover delays incurred during execution – getting the project back on track
- Meet ever-present faster completion demands or contractual incentives to finish on a certain date
- Optimize the project schedule to ensure the most efficient path to successful completion

Deltek Acumen 360 generates schedule scenarios in real time, allowing you to hypothesize acceleration opportunities, or even threats of delay, and immediately see the impact. With Acumen 360 you can identify areas where acceleration is possible, helping you to meet faster project completion demands or recover slips and delays incurred during execution.

How?

Interactive engine allows for fast evaluation of multiple scenarios—accelerate (or decelerate) any area of the schedule and immediately see the impact on project finish; user-controlled input ensures that acceleration is truly possible and the project maintains realism and integration with your native scheduling tool means the newly created scenarios is exported and ready to use.

See Acumen 360 in Action

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Success with Deltek Acumen Solutions

Hill International

Looking to gain a competitive edge in the construction management market, Hill International sought a software solution to improve processes, cut man hours, and maintain Hill's renowned accuracy and reliability. They found their solution in the advanced analytics, comprehensive reporting and project comparison features of the Acumen software suite.

Success

The quality checks in Acumen Fuse not only allowed the group to help their clients build sounder schedules, but also helped them prepare for risk analysis- correcting error causing flaws prior to the risk assessment. Adding Acumen 360 to the mix, the team hypothesized what could have been done differently enabling them to show missed opportunities and identify root cause of delay.

BOMBARDIER the evolution of mobility

Working on large rail modernization project schedules frequently involves contributions from multiple planners, a growing number of activities, and increasingly complex logic. To assist on such projects, Bombardier Transportation's Rail Control Solutions (RCS) Division chose the metric assessment, project comparison, and reporting capabilities of Acumen Fuse, which provides for effective control of the project plan to ensure the best path to project success.

Success

Analyzing a project schedule of this magnitude (over 10.000 activities!) using a manual process typically requires between 8 and 16 hours. With Acumen Fuse, Bomabardier was able to reduce this process to minutes, with little room for error and results provided in an easy-to-understand, publishable format.

DCMA

After a review of the market and an in-depth analysis of its capabilities, the Defense Contract Management Agency (DCMA) selected Acumen Fuse to support their role in ensuring federal acquisition programs, supplies, and services meet performance requirements and are delivered on time and within cost. Deltek Acumen Fuse is used by DCMA's key analysis employees to automate and standardize their project assessments against an internal 14 point schedule assessment.

Success

Acumen Fuse completes the 14 Point Assessment, and all metric analyses, in just a few moments and has advanced drill down capabilities at the click of a mouse. The time savings allows analysts to spend more time on the finer details of project plans while still quickly pushing out schedule reviews and assessment results.

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