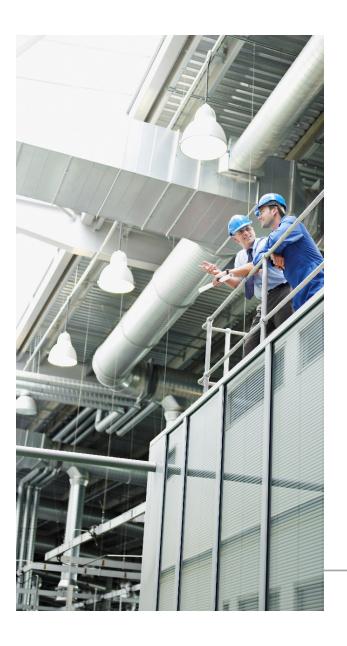




WHAT IS LURKING IN YOUR PROJECT FORECASTS?

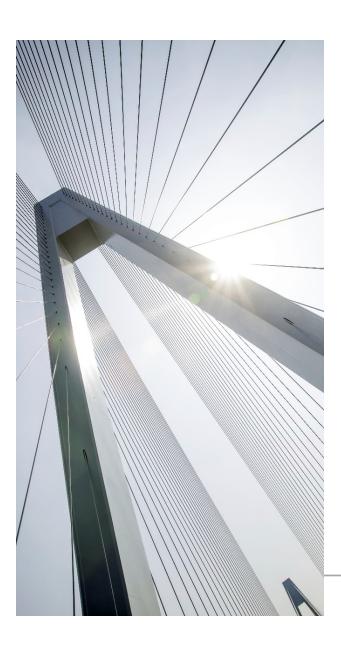
Thomas Polen, Deltek 2019 Project Management Symposium



Typical Project Forecast

Characteristics

- » Developed by a small group of individuals (semicollaborative)
- » Input into a project scheduling tool
- » All (or most) activities have links
- » Basic, manual scheduling checks are performed missing logic, float sanity-check



Typical Project Forecast

What's Missing

- » High-level consensus, but the details are not fully understood
- » Finish date is understood, but intermediate milestones may be sketchy
- » Does not change properly when statused
- » Minimal consideration of risk



Risk...the 4 Letter Word

What usually happens

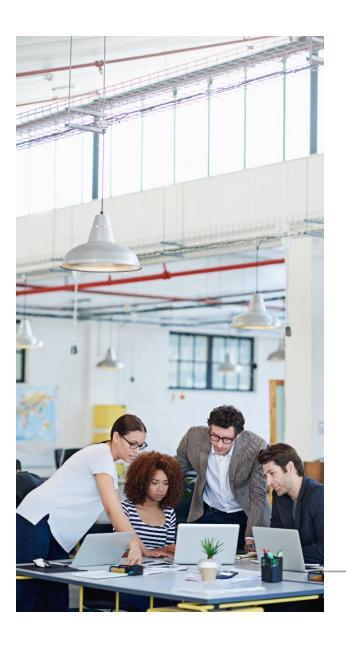
- » Risks are discussed prior to the project start
- » Some risks and mitigation work their way into the baseline forecast
- » Others sit quietly on the Risk Register as "tracked risks"
- » "Surprises" are prevalent during project execution



Why Companies Do Not Assess Risk

Challenges

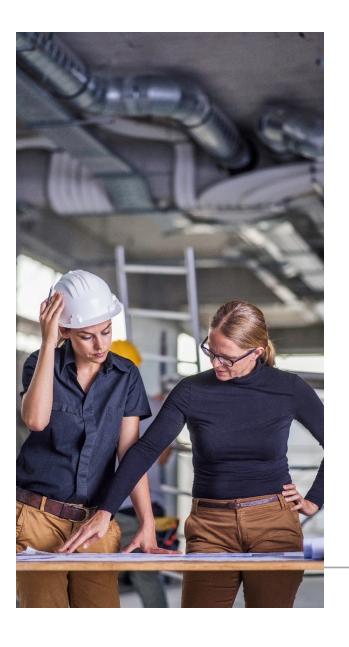
- » Traditional Risk tools are complicated and the outputs are difficult to explain
- » In those tools, data input is tedious, often neglected, and hence, the results are inaccurate
- » Risk assessment is viewed as a process not a cultural mindset
- They are willing to fall behind competitors



Incorporating Risk Successfully

For an Accurate Forecast

- » Discuss Risk. Identify key events. Assess both probability and impact.
- » Eliminate "Black Swan" risks that are fun to discuss are ridiculously unlikely to occur
- » Link Risks to the project schedule
- » Observe the shock when the true project threats are uncovered!



Precursor to Risk!

A high quality schedule is essential

- » A quality forecast must include Risk, but also must be built on the foundation of a high quality plan
- » Plans are often fragmented, not fully linked, and overly constrained against Risk and variances
- » A schedule must be fully linked, flow smoothly, and appropriately "ripple" when work is late or risky
- You cannot have a quality risk model built upon a poor quality plan- it just doesn't work

Risk Model Assembly Process



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Risk Register

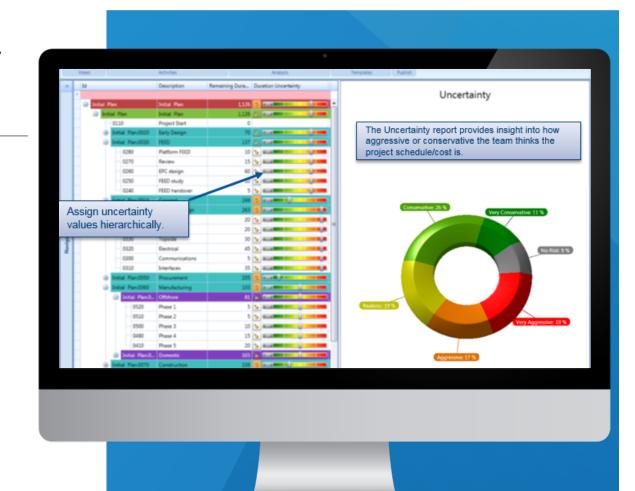
» Import a Risk Register or create one in Acumen to allow you to track and manage discrete risks



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Simplified Uncertainty Tracking

- » Input duration uncertainties with ease using Acumen's uncertainty sliders and template
- » Have more meaningful team contributions without getting bogged down in the numbers



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Risk Analysis (Exposure)

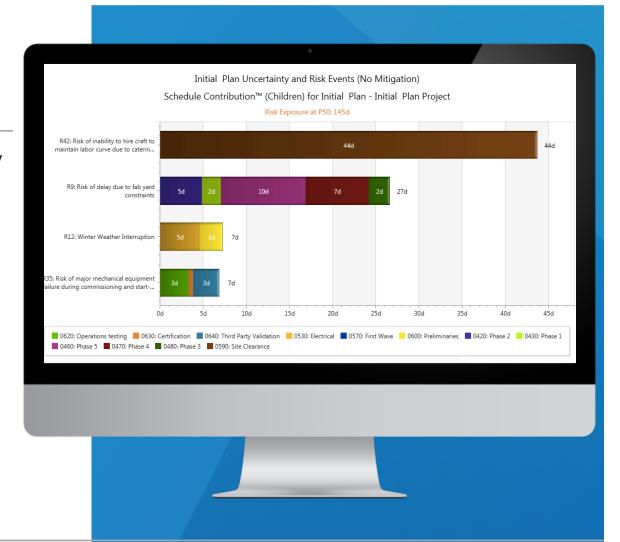
Risk Exposure

- 1 P-Dates
 - "We are 0% confident we will finish on, or before, Dec 15, 2020."
- Contingency
 - "We need 120 more days to finish by April 14, 2021."
 - Confidence Level
 - "We have a 0% chance of hitting the original schedule date of Dec 15, 2020."
 - Risk Range Factor
 - » Risk Exposure Quantification
 - » (P100 P0)/Remaining Duration



Risk Drivers

- » Identify the risks that are most likely to have the greatest impact on your project
- » Identify which activities will most likely be impacted
- » Provides a targeted approach to apply mitigation strategies



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Outcomes of a Risk Assessment

There are options

- » Do nothing- this is OK if the risks are not significant or if technical achievement is far more important than schedule and cost performance
- » Hope- not always a viable strategy
- » Active Risk mitigation and frequent risk review/update
- » Project acceleration identify the non-risky areas that can be accelerated prior to Risk delays

Questions?

What is Lurking in your Project Forecasts?