

Advanced Project Analysis



fuse

enterprise project analysis

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ACUMEN
Proven Project Analytics



Agenda

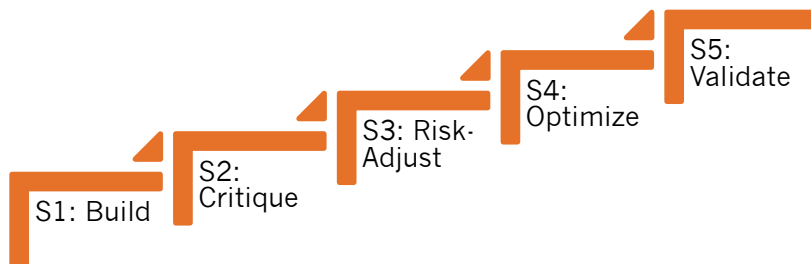
- ❖ Introductions
- ❖ Why sound planning equals success
- ❖ Using metrics for project analysis
- ❖ Case Study using Fuse 3.0
- ❖ Q&A

Acumen: Proven Project Analytics



- * Project Management Software Company
- * Improving CPM scheduling & analysis
- * Thought leader in Analytics
- * Schedule maturity framework

S1 > S5™ Framework



Acumen Core Offerings

Acumen Fuse®

Risk Assessment Workshops

Software Training

The Importance of a Sound Basis of Schedule



- * Schedule is a forecast
- * Used to define scope
- * Used as a benchmark
- * Measure performance
- * Communicating the plan to stakeholders

S1

- **Schedule Basis**
- Reflects latest scope/contractor updates

S2

- **Critiqued Schedule**
- Structurally sound, no contingency, sound logic

S3

- **Risk-Adjusted Schedule**
- Estimate uncertainty, risk events

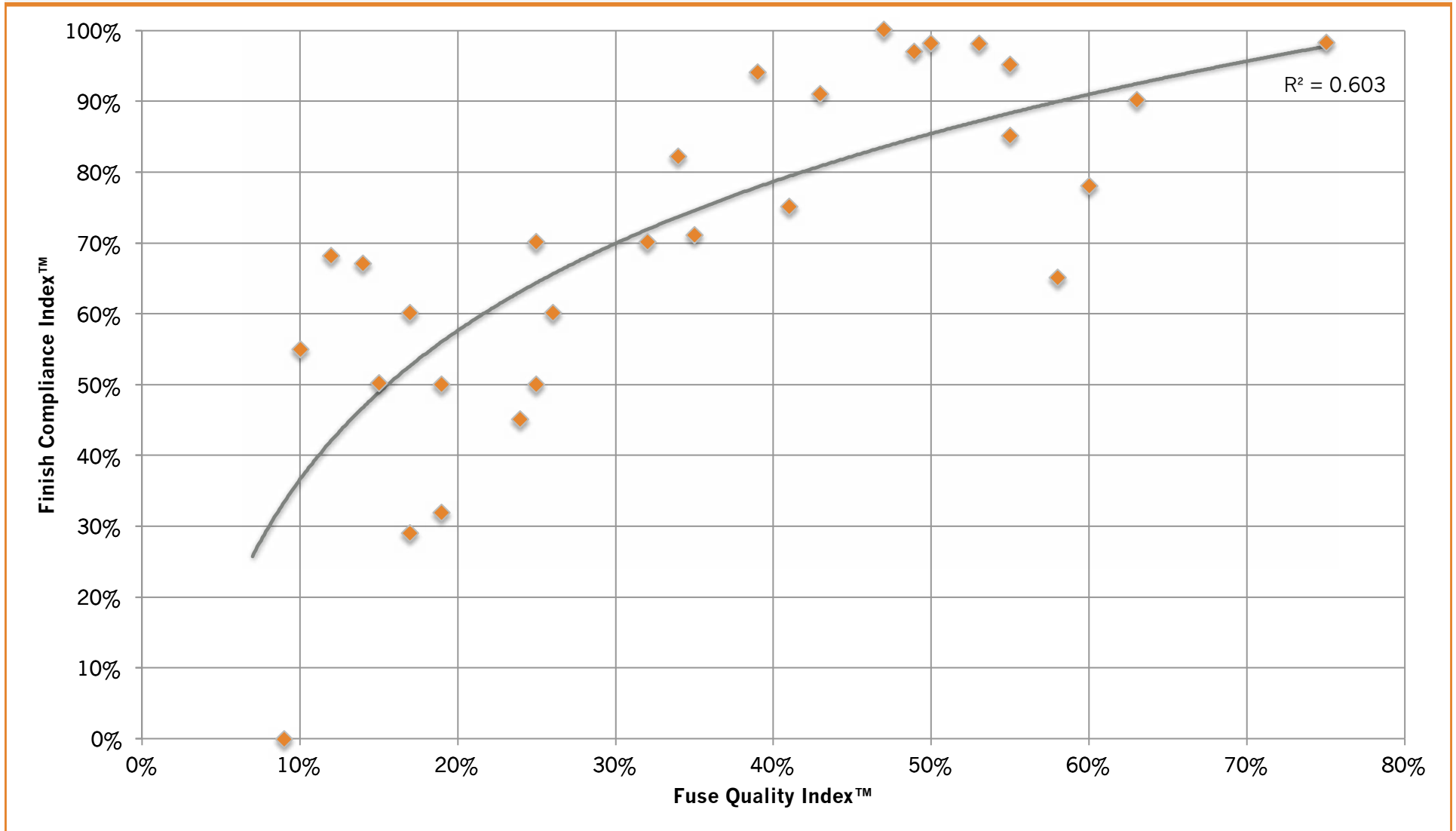
S4

- **Optimized Target Scenarios**
- Reduced hot spots, higher confidence

S5

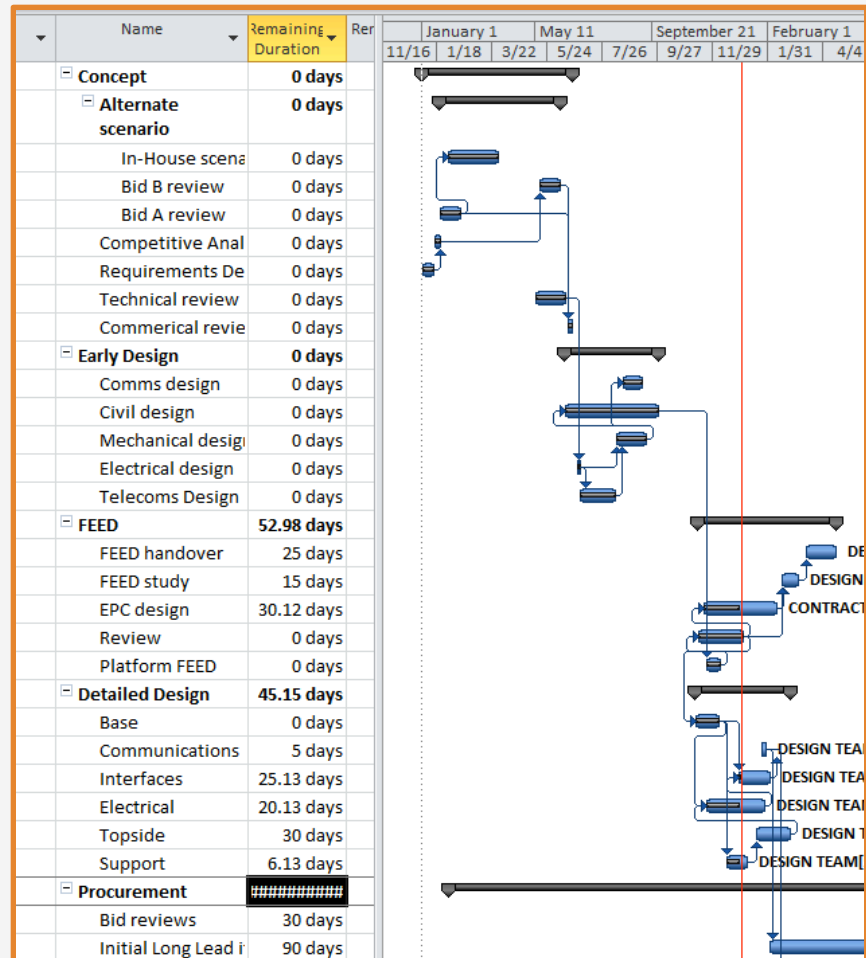
- **Team Validated Scenario**
- Buy-in on mitigation plans

Quality Equals Success?



The Problem with Gantt Charts...

- ❄ Highly vertical in nature
 - ❄ A row per activity required
 - ❄ Humans like timelines!
- ❄ Logic adds complexity
 - ❄ Difficult to trace
- ❄ Detail lost in summaries
 - ❄ Just shows earliest/latest
- ❄ Activity-centric
 - ❄ Doesn't show by resource





Fuse: Enterprise Project Analysis

- ❁ **Fuse:** analytics platform
 - ❁ Improves schedule quality
 - ❁ Insight into performance
- ❁ **Fuse 360:** goal-based acceleration
 - ❁ Schedule Acceleration
 - ❁ Decision-support

Analysis

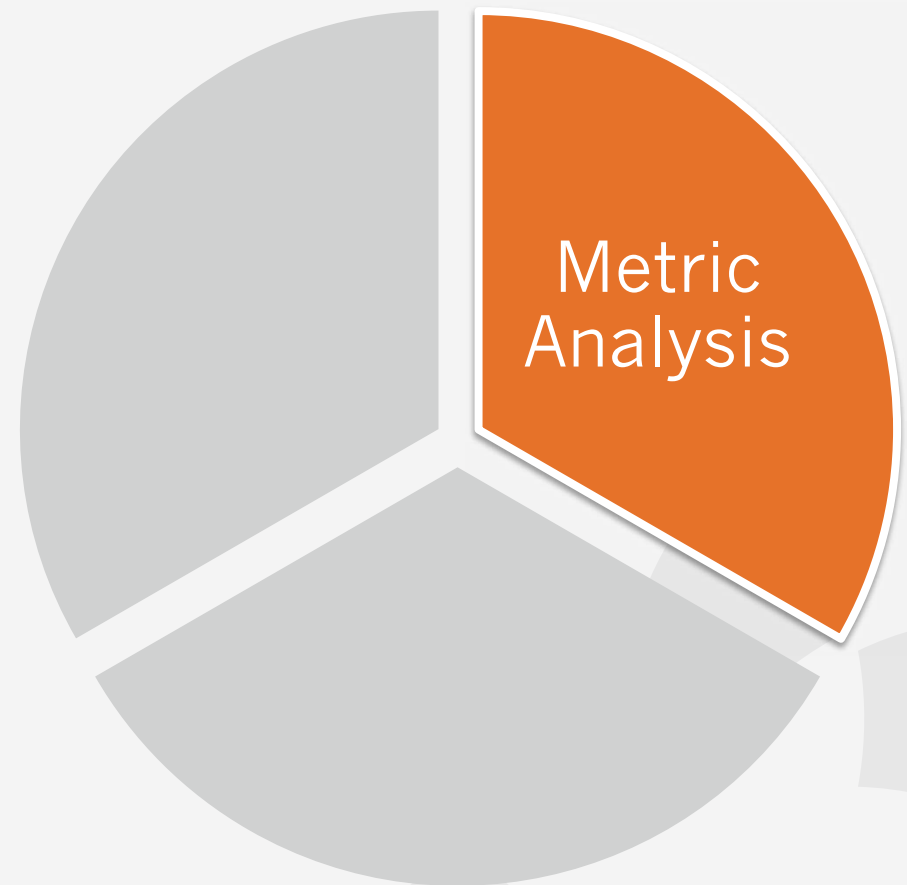
Three Analysis Modules

Metric Analysis

What are metrics?

Measurable, actionable criteria

- * Schedule
- * Cost
- * Performance & EV
- * Risk



Analysis

Three Analysis Modules

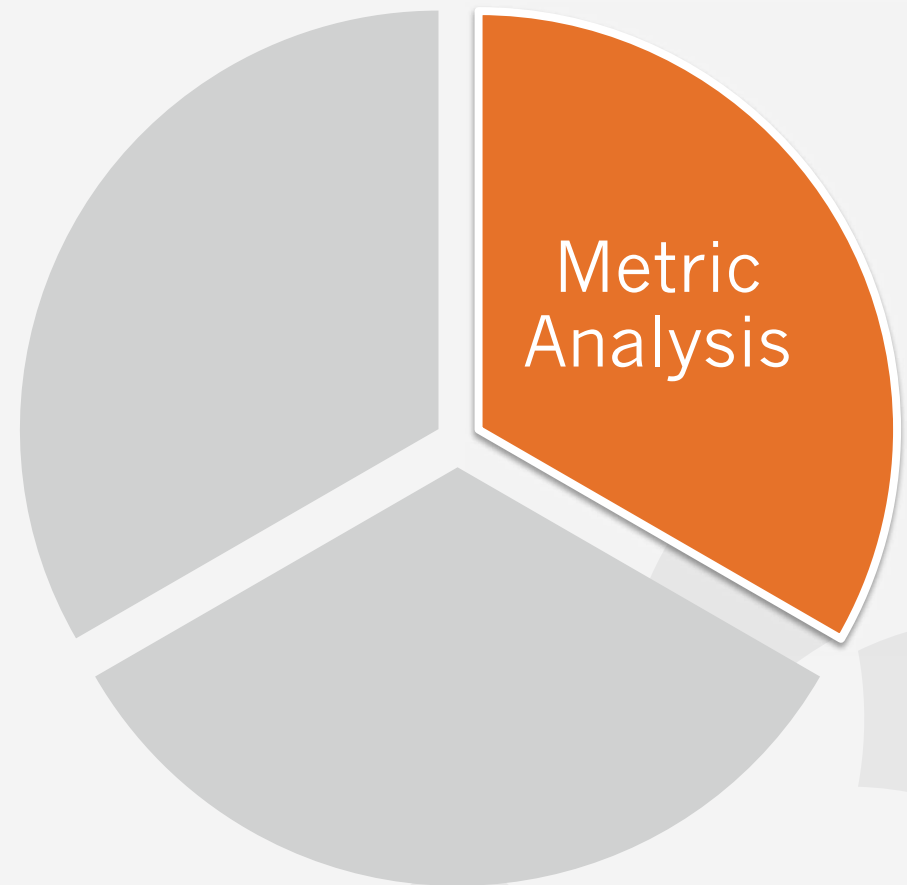
Metric Analysis

Benefit:

- * Pinpoint shortcomings
- * Slice and dice

About:

- * 250+ metrics
- * Industry Standard
- * Unique-to-Fuse metrics
- * Customizable



Analysis

Three Analysis Modules

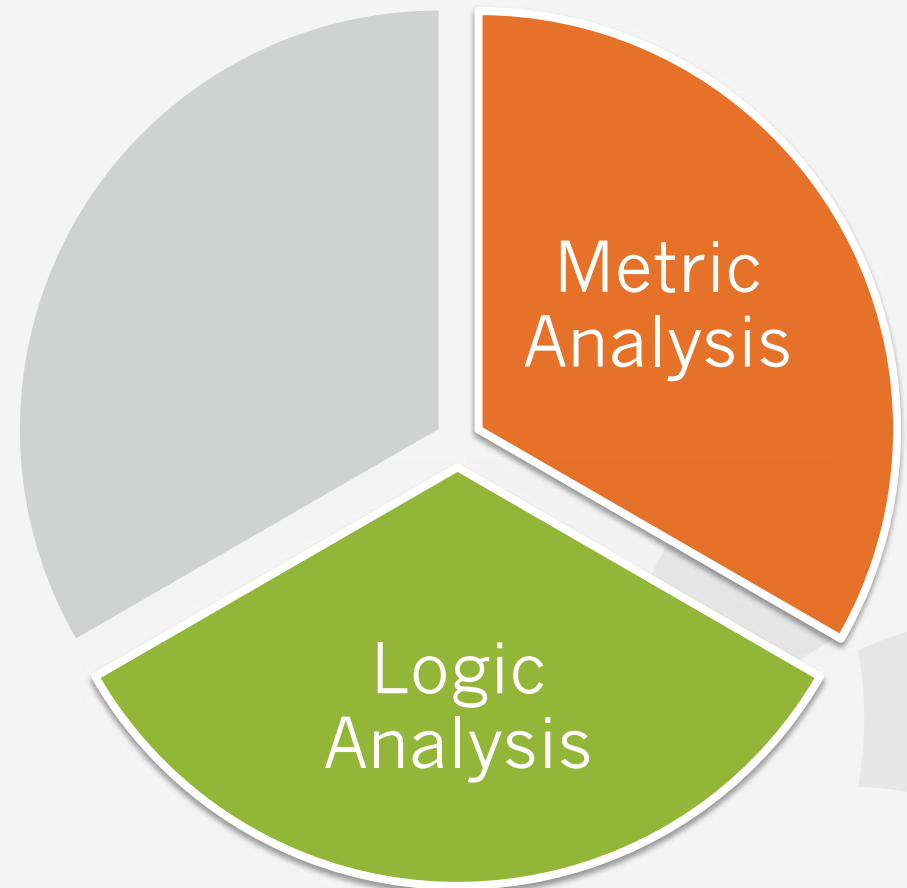
Logic Analysis

Benefit:

- * Identify & remove flaws
- * Simplify complexities

About:

- * Recognizes multi-project relationships



Analysis

Three Analysis Modules

Forensic Analysis

Benefit:

- * Schedule comparison
 - * Calculate variances
 - * Identify changes

About:

- * Any attribute or field
- * Any number of schedules



Analysis

Three Analysis Modules

...leading to

Better planning
& execution

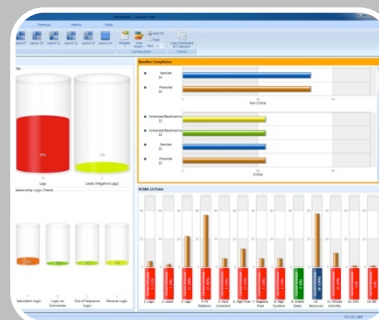
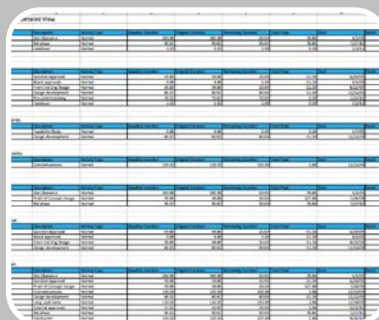


Industry Standards

- ✧ Government agency (**compliance**)
 - ✧ Government-wide
 - ✧ Department of Defense (DoD)
 - ✧ NDIA Generally Accepted Scheduling Principles (GASP)
- ✧ Non-government specific (**best practice**)
 - ✧ Project Management Institute (PMI)
 - ✧ AACE International
 - ✧ Thought leaders e.g. Acumen
 - ✧ Company-specific



Reporting Publish Analysis Results



Exec Briefing

- Summary of analysis results

Analyst Report

- To do list

Dashboard

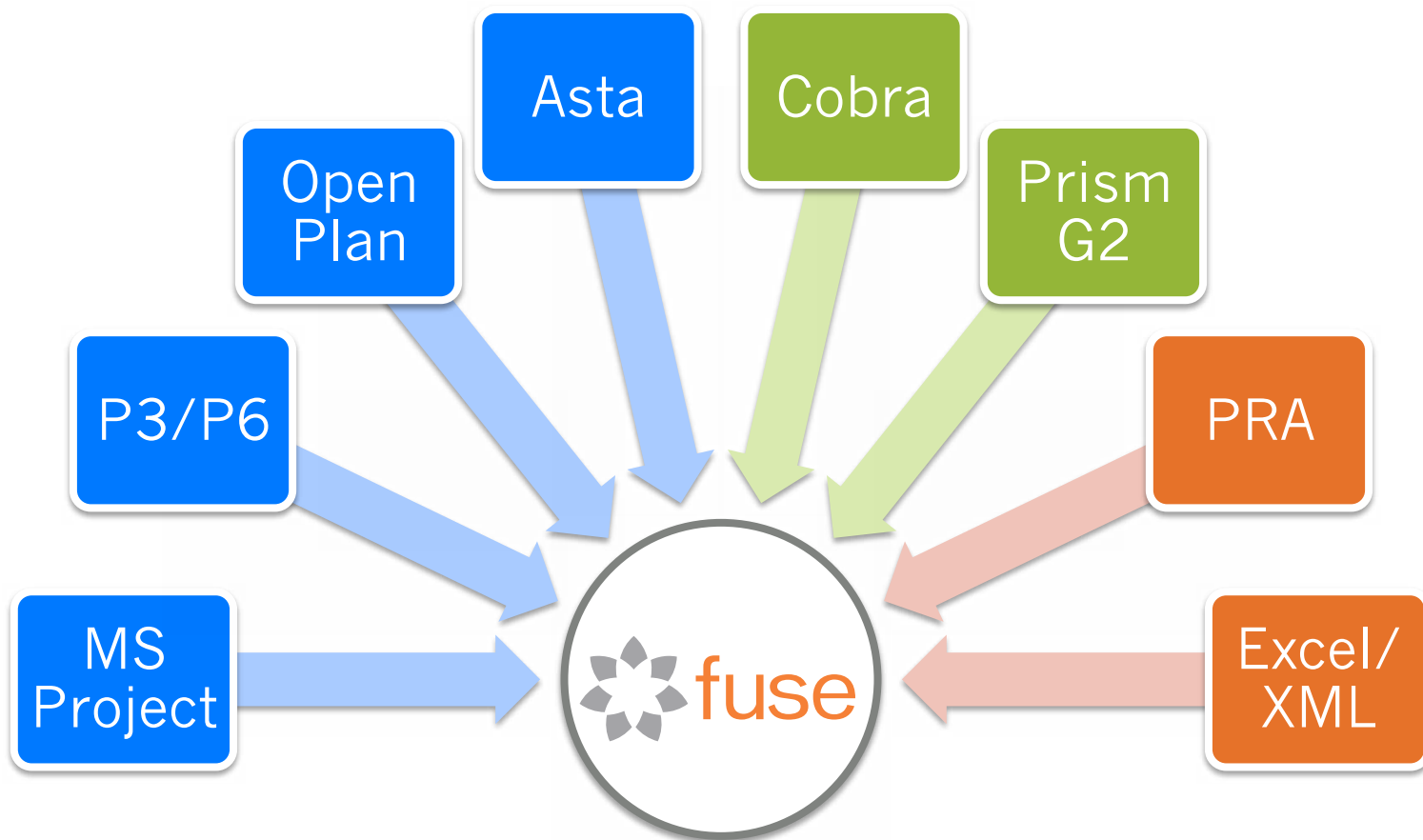
- Interactive charts & graphs

API & Custom Reports

- Automation of existing reports

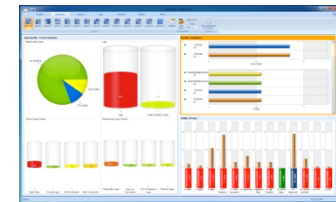
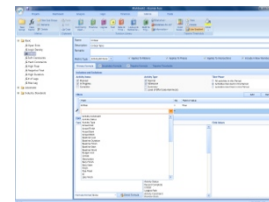
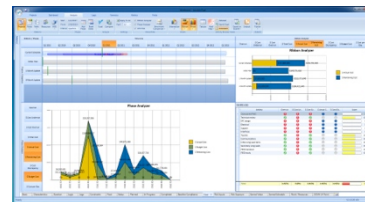
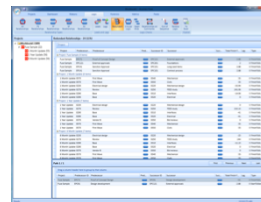
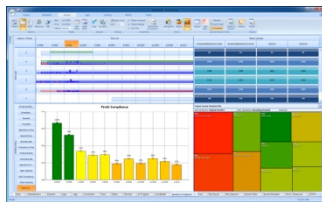
Integration

Schedule, Cost, Risk, EV



Demo

- ✿ Schedule validation
- ✿ Bid analysis
- ✿ Contractor performance review
- ✿ Regulatory compliance/scrutiny
- ✿ Claims analysis





Fuse Summary

Enterprise project analysis

Improved planning & execution

Schedule comparison & forensics

Simplified, cleaner, schedules

Multi-platform integration

Better plan the work = Better work the plan

More information:

White papers: www.projectacumen.com

Software Trial: www.projectacumen.com/trial

Twitter: [@projectacumen](https://twitter.com/projectacumen)

Email: info@projectacumen.com

PMI PMP PDU: 1!