

Deltek wInsight Analytics

Avoid Surprises and Quickly Discover
Trends and Issues in Your Earned
Value Data



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Benefits

- Ensure timely and economical management of major programs
- Improve internal management processes
- Streamline management reviews
- Avoid surprises with early warning indicators
- Detect vulnerabilities before audit

From the team leader’s desktop to the corporate boardroom, from the program office to the Pentagon, wInsight Analytics has become the tool of choice for project performance assessment and reporting.

With wInsight Analytics you can:

- See the performance of multiple control accounts and variances across your portfolio
- Analyze performance across your entire project portfolio using a common organizational structure
- Quickly access project information through ready-to-use dashboard reports including:
 - » Performance
 - » Emerging Issues
 - » Element of Cost (EOC)
 - » Future Forecasts Analysis
 - » Data Validation
 - » Detail Analysis
 - » EAC Realism
- Share analysis sessions with others for open communication and collaboration
- Utilize data discovery technology to quickly move across the data in all directions rather than a predetermined path.
- Get a consistent user experience on mobile, desktop and web platforms.

With wInsight Analytics, Control Account Managers, Project Managers and Project Controls Analysts can quickly and easily assess program or project performance with just a few clicks and produce insightful analysis using an associative data model.

Earned Value Management Meets Data Discovery

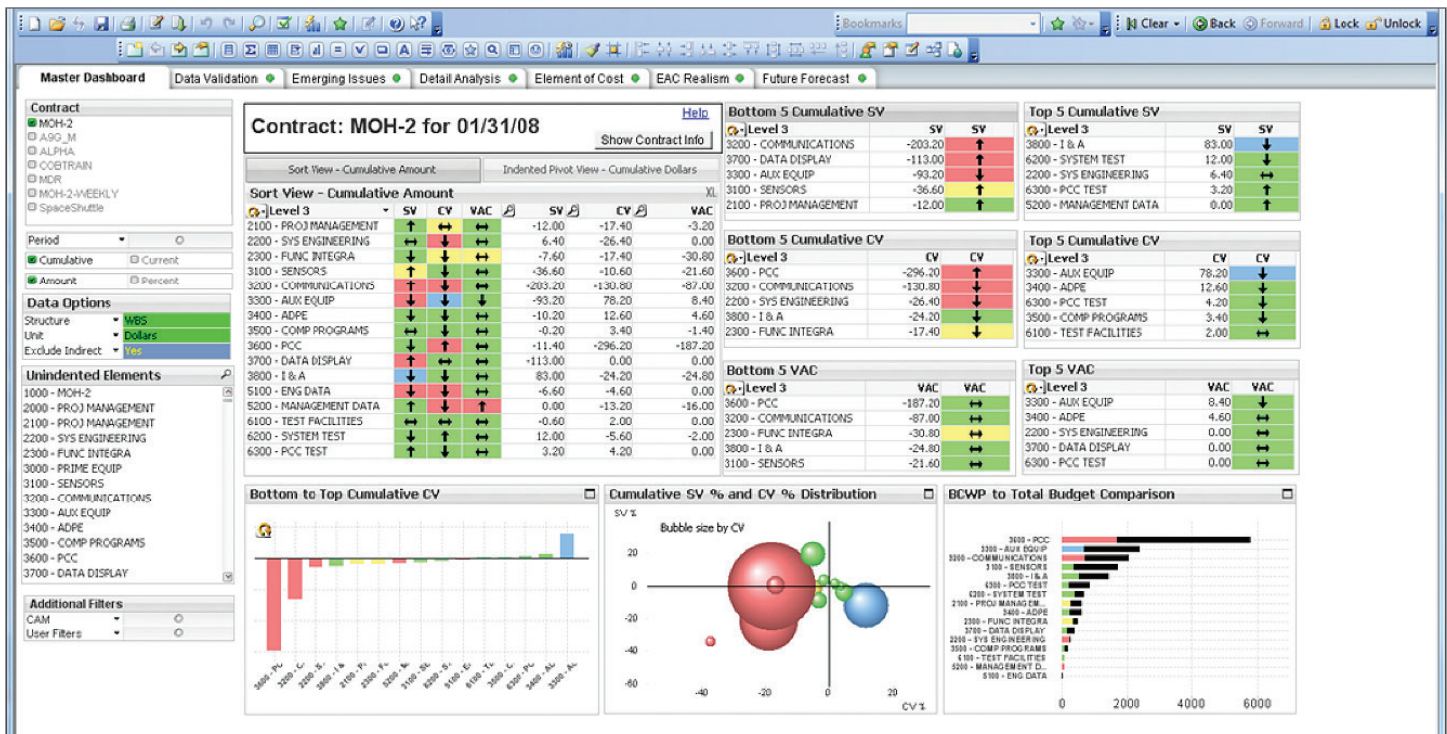
Deltek wInsight Analytics’ advanced data discovery technology provides the ability to more easily explore and discover project performance. This means unique insight into audit vulnerabilities before data is finalized and access to key Earned Value metrics using flexible, extensible dashboards.

The same intuitive interface is also available across all platforms, including desktop, web and mobile, minimizing the learning curve and maximizing the value of the underlying Earned Value data. Collaboration features allow users to easily flag issues and bookmark key areas and results for others to follow up on.

The system scales from the desktop to the enterprise and is easily able to incorporate data from commonly used project management tools. This includes full support of industry standard data interchange formats, such as the latest UN/CEFACT XML standard.

Enhanced Visibility and Control through Powerful, Focused Dashboards

wInsight Analytics dashboards support a wide range of analyses from evaluating project or program performance to identifying trends or issues in the data. wInsight Analytics even includes the ability to help validate forecasts.



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Specific dashboards include:-

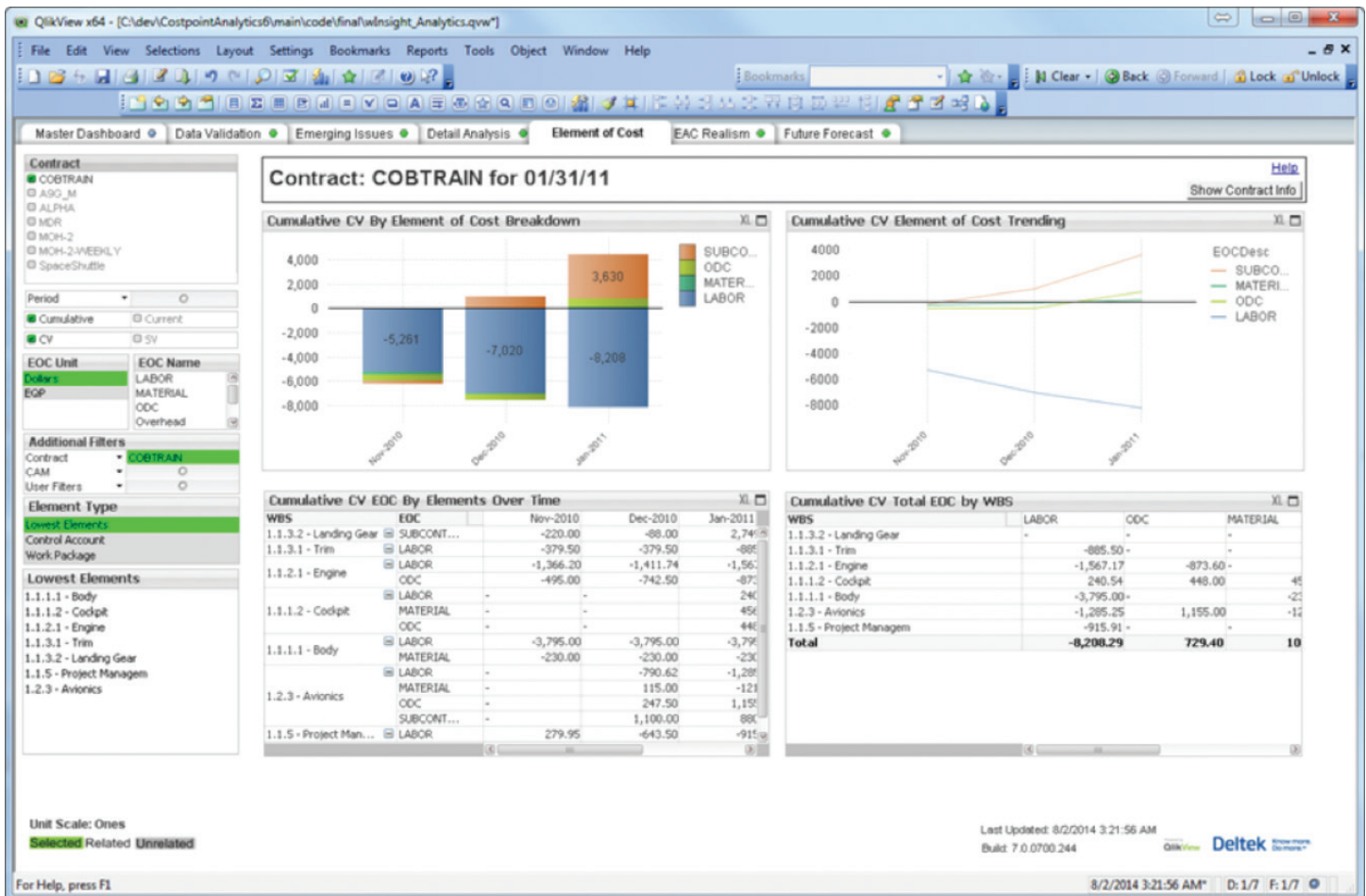
- **Data validation** - User defined validations identify elements that trip certain conditions, can be broken down by category (Error, Warning, Informational, Unrealistic Forecast) and also show validation trends over time indicating whether data quality is improving/worsening.
- **Emerging issues** - Identify those areas of the project that have good or acceptable performance to-date but have worsened to have unacceptable or marginal performance in the current period, allowing you to correct problems before overall performance becomes questionable.
- **Detail Analysis** - Drill down into the causes of problems or review the overall performance of any selected set of data.
- **EOC Analysis** - Break performance data down by element of cost. See what elements of cost (Labor, Material, ODC etc.) are driving your variances.

- **EAC Realism** - Compare your forecast with performance driven statistical IEACs. Compare the performance to date with what you need to achieve on remaining work in order to meet the current EAC.
- **Future Forecasts** - Enhance project predictability or monitor changes to forecasts by comparing multiple forecasts over time.

While other tools fix the columns displayed and offer limited means to filter or sum the data, wInsight Analytics' sortable views and charts are customizable so users can choose the metrics they need to manage, and can even control the chart colors, fonts and legends. Choose from a full range of provided chart types as a start, then customize based on your specific project needs. All changes and additions are fully supported across all platforms.

Include tables with column searching and sorting features as well as data driven visual cues and advanced in-cell data presentation such as micro charts and gauges.

Create new dashboards including new custom charts and tables or those copied from existing dashboards. All newly created dashboards seamlessly interconnect with the standard ones provided.



View key metrics by Element of Cost (EOC) to determine drivers

Users can bookmark specific views and selections to be shared with others, even sharing the same session, so both users see the results of each other's selections at the same time, and can fully participate in the analysis.

And, if further analysis is needed, all table and chart data can be exported to Excel with a single click.

More Flexibility and Speed

As illustrated below, wInsight Analytics harnesses the power of an associative data model to make discovering information faster and more intuitive. Unlike traditional BI that requires a rigid hierarchy and only allows drill down capabilities based on a predefined hierarchy, wInsight Analytics provides a completely different architecture that allows the user to explore the information by simply clicking on a field. This step establishes the

relationship between the two pieces of information and allows the user to see the natural relationship between them without having to request your IT organization to link them. wInsight Analytics leverages this natural relationship between the information already inherent in the database. Exploring your project information has never been so easy.

Improved Data Validation with Validation Trends

wInsight Analytics includes data validation capabilities that identify certain conditions in the data so you can improve the quality of the plan. Identify areas that need your attention and quickly make adjustments.

Data validation proactively scans for data anomalies that can be symptoms of other issues and increases your overall confidence in the project performance data presented.

Traditional BI

Developer Driven:

- Linear, pre-defined thinking
- Insights missed in hidden data
- Months to change
- Data-centric

Associative Experience

User Driven:

- User Decides where to start
- All data always visible
- Minutes to change
- Insight driven

Examples of data conditions include:

- Errors (e.g. item incomplete but with no remaining forecast)
- Warnings (e.g. budget increase without a forecast increase)
- Unrealistic forecast warnings (e.g. less than one calculated on the basis of performance to date)

These conditions are checked and presented to the user in a Data Validation dashboard that also supports tracking the trends over time. The data validation condition definitions can be customized to meet your unique requirements.

Faster Portfolio Views and Analysis

Whether you need to see how a functional team is performing against the Organizational Breakdown Structure (OBS) or whether or not a subcontractor is exceeding budgeted costs against the Resource Breakdown Structure (RBS), wInsight Analytics provides a centralized place for end users to more efficiently consume and assess portfolio performance data across the entire organization. This provides you with unparalleled visibility that turns data into actionable insight, improving your portfolio performance.

Integrate Data Using Industry Standard Formats

Schedule data is imported directly into wInsight Analytics, where Baseline Execution Index (BEI) and Critical Path Length Index (CPLI) are automatically calculated, eliminating the need to manually update your schedule data for these calculations.

Deltek wInsight Analytics also fully supports the latest industry standards for sharing program data with your customers, partners and subcontractors.

Deltek wInsight Analytics integrates cost, schedule and risk data using the new UN/CEFACT XML format for IPMR reporting as well as the widely accepted wInsight XML, and wInsight backup (.WSA) file formats. It is also backwards compatible to the ANSI X12 839 transaction file format.

The earned value data managed and calculated by Deltek wInsight Analytics can be easily augmented by the inclusion of related data from finance, manufacturing and other sources during the data load process. Such integration can use Excel and text files or connect directly to source databases using SQL.

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Support for Government Reporting Requirements

Deltek wInsight Analytics provides full support for government reporting requirements including CPR formats 1 to 7, CSSR and OMB 300 part II reporting.

Get a proactive view of project performance with updated DCMA/OSD tripwire metrics that provide early warning indicators to monitor performance. User defined thresholds are used to provide color coded warnings on charts and tables when performance metrics exceed the threshold values. Easily see which elements should be included in variance reports using WBS based thresholds. These powerful tools measure a project's performance against baseline so there aren't surprises during audit or program review.

Analysis for Every User at Every Level

wInsight Analytics provides an easy to use, browser-based experience for everyone from the basic analysis user who just needs viewing capabilities to the power user who needs to load data from the cost system and create new visualizations. wInsight Analytics enables you to:

- Navigate and interact with data any way you want
- Create custom dashboards for unique insight into project performance
- Print actionable reports including government mandated requirements
- Integrate performance measurement data with true schedule status in MS Project, Primavera and Open Plan
- Streamline the process of performance tracking and reporting

For more information, visit www.deltek.com/wInsight

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