

# 5 Things You Can Do With Spectrum BI

That You Can't Do With  
Traditional Construction  
Reporting



Technology ROI Series



**Trimble**  
Construction

## Spectrum Business Intelligence (BI) reimagines data analysis for your construction company.

Spectrum BI collects, compiles and helps analyze construction data in virtually any way. From in-depth reports to dashboards to creative charts, graphs and geographical mapping of data, Spectrum BI provides a powerful data analysis platform for construction business professionals. Control your data and analyze what is important to you in the format that helps you best make sense of your data.

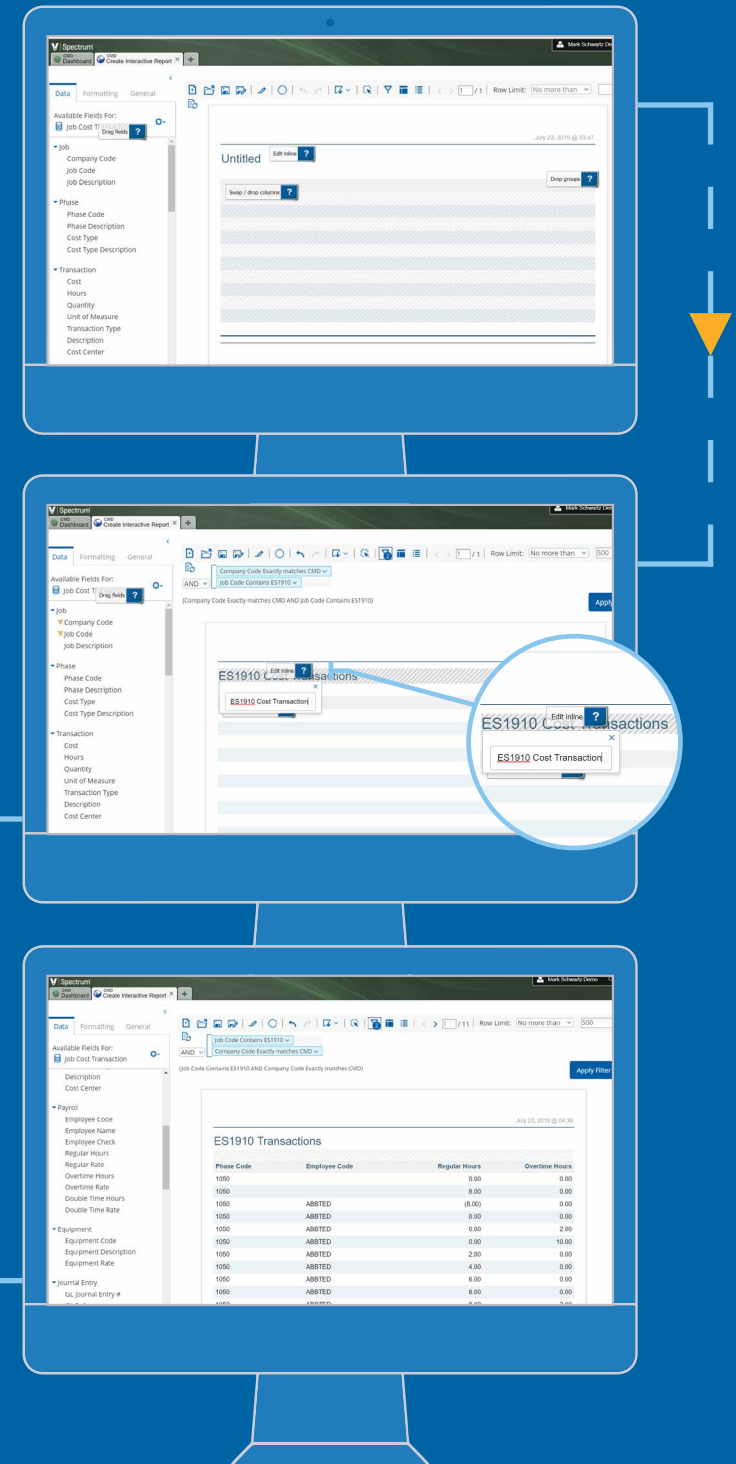
So why should you consider leveraging powerful business intelligence technology for your construction organization?

Here are 5 things you can do with Spectrum BI that you can't do with traditional construction reporting:



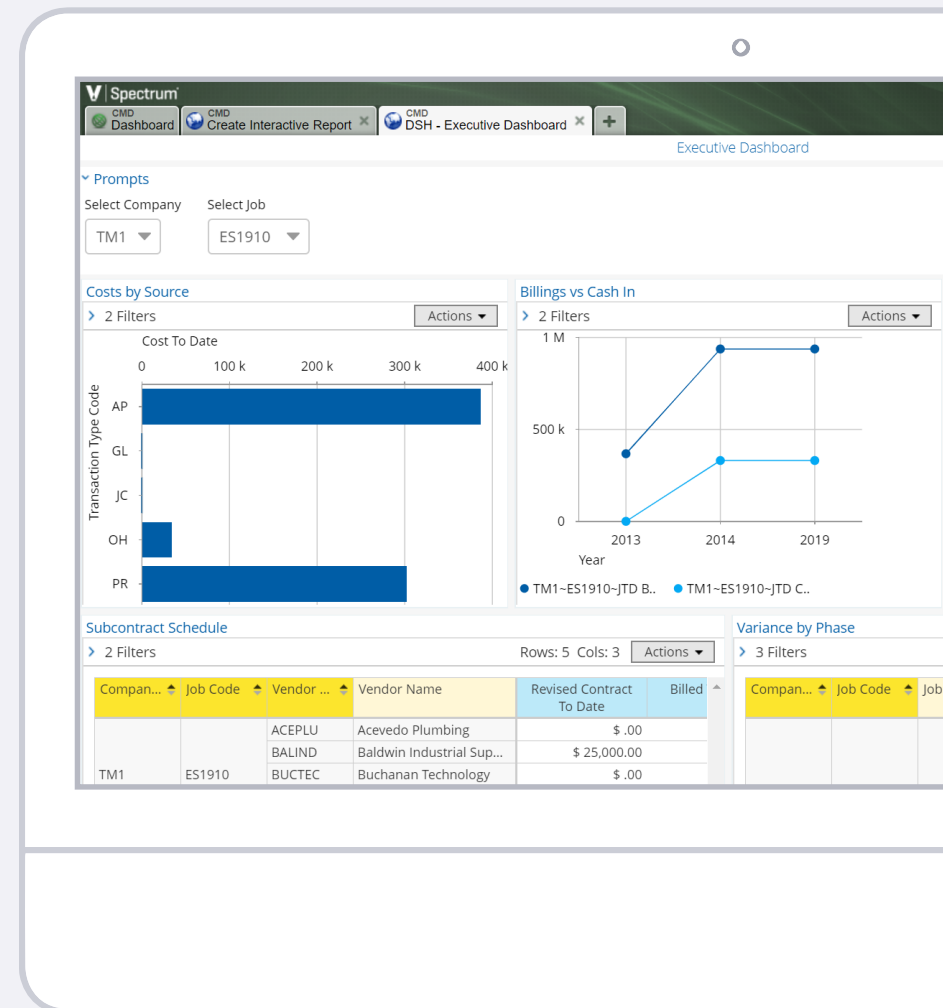
# 1. Create Queries and Reports on Demand

Using simple drag-and-drop features, you can access and compare data from a variety of sources, applying measurements and dynamic calculations with a few clicks. Create the types of comprehensive reports you want, using business analytic tools that used to take your IT people hours to do, and pulled them off of other critical work.



## 2. Visualize Data with Customizable Dashboards

Format data segments into charts, graphs and other data visualizations, and and configure your own personal dashboard. You determine the look and feel of reports and dashboards for quick, easy to understand assessments of detailed construction data, relevant to specific job functions.





# 3. Perform Detailed Calculations With Ease

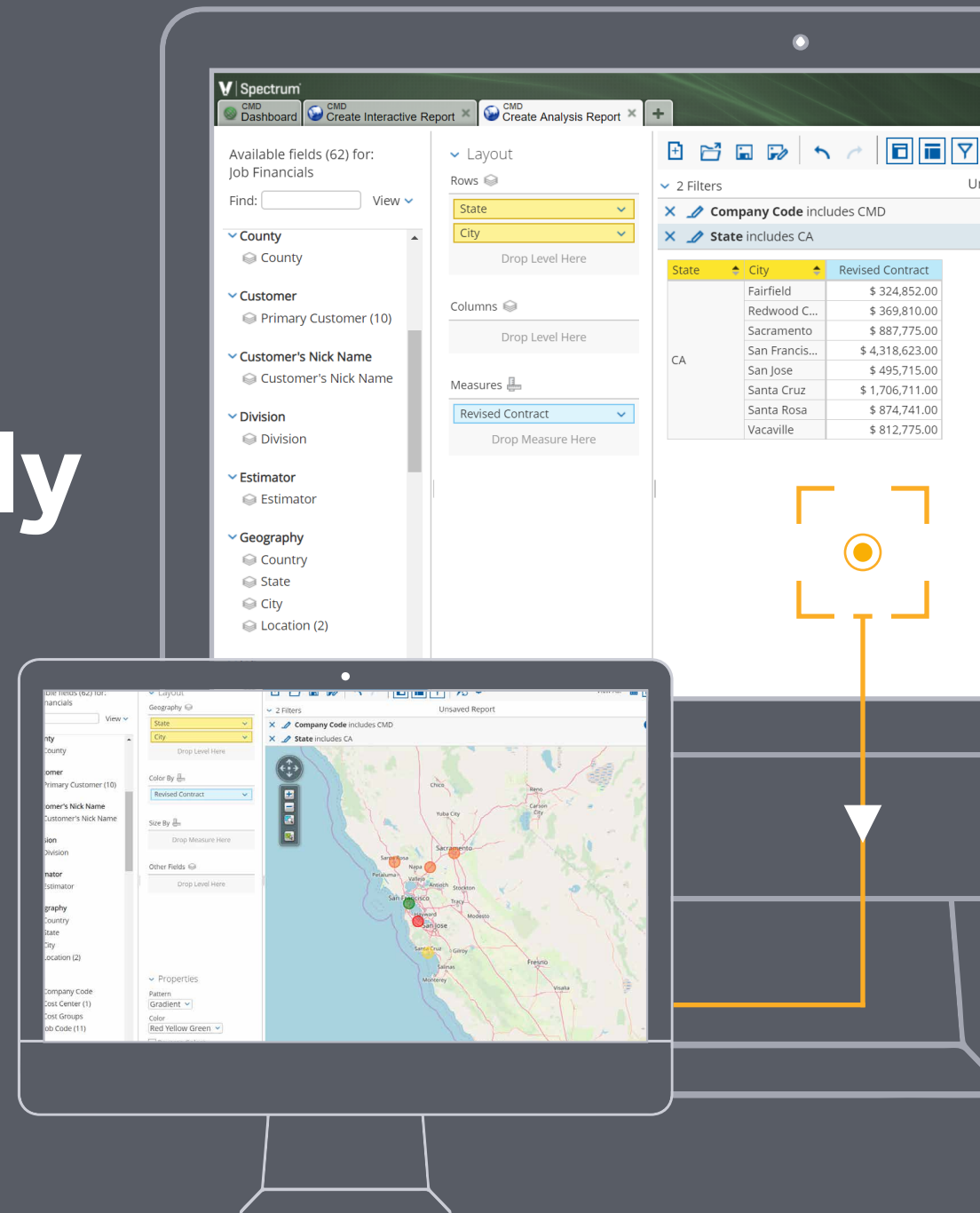
Spectrum BI enables detailed calculations through simple rules or drag-and-drop features. And, your calculations are not limited to fields that are contained in a canned report. Data can be pulled directly from your data warehouse, providing an additional layer of customization.

The diagram illustrates the process of creating a calculated measure in Spectrum BI across three stages:

- Top Monitor:** A report titled 'Company Code Includes CMO' is displayed. The columns include 'Revised Contract' and 'Estimated Cost'. A callout box highlights the 'Estimated Cost' column with the formula:  $\frac{\text{Revised Contract}}{\text{Estimated Cost}} \times 100$ .
- Middle Monitor:** The 'Create Calculated Measure' dialog box is shown. The 'Display Name' is 'Profit'. The 'Format' is 'Default' and 'Decimal Places' is '2'. The 'Type' is 'Calculated Measure'. The formula is defined as:  $\frac{\text{Revised Contract}}{\text{Estimated Cost}} \times 100$ .
- Bottom Monitor:** The final report is shown, now including the calculated measure 'Profit' as a new column.

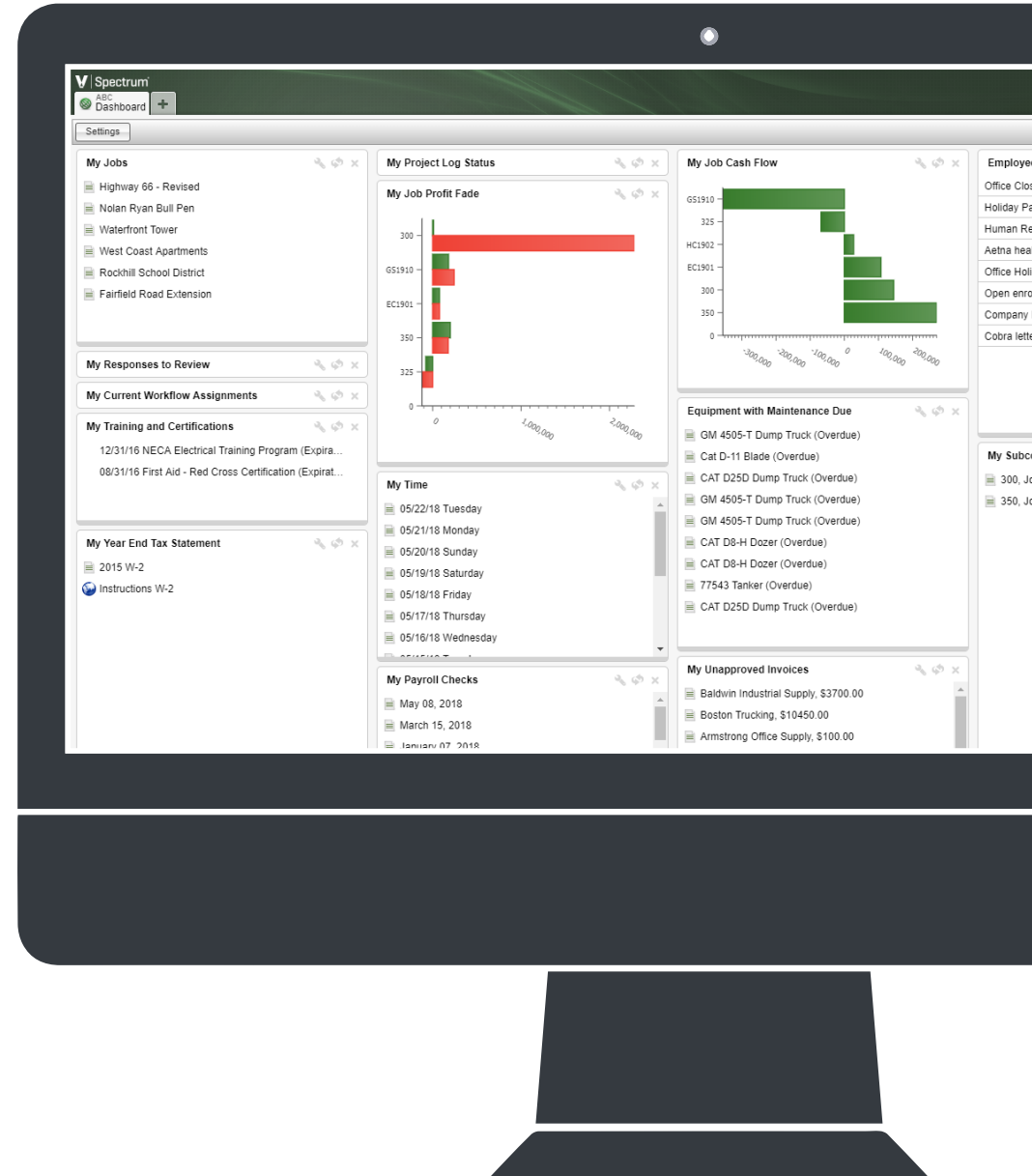
# 4. Visualize Data and Metrics Geographically

With Spectrum BI, you can enter latitude and longitude for specific jobs, equipment or work order sites, and segment performance metrics by region. Spectrum BI's geo-mapping technology makes it easy to take those GPS coordinates and visualize them on a map. See which regions are performing best, what geographical elements are impacting work, how regions compare to each other and much more.



# 5. Drill Down into Details in Spectrum

Want to know more detail about a specific metric or find the root cause of an issue? Spectrum BI lets you drill down from reports and dashboards deep into the data. For instance, if you're looking at a job report, simply click on a job number and it will take you to the job cost analysis page. This is a great feature for hands-on executives or project managers to address problems or identify important trends.





## ABOUT TRIMBLE VIEWPOINT

Trimble Viewpoint construction software solutions, part of Trimble Connected Construction, allow contractors to better manage their projects, processes and people, using the data gathered to lower risk and improve margins. With more than 40 percent of the ENR 400 on our platforms, Trimble Viewpoint innovations are transforming the construction industry by connecting operations across financial and HR systems, project management tools and mobile field solutions.

For more information, please visit [Viewpoint.com](https://viewpoint.com)

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