



USECASE

CUSTOMIZED OPERATIONAL INTELLIGENCE: Microsoft Excel™ & Elemez™

Excel Use Case

Traditionally, reporting on enterprise mobility has required hours of manual data gathering into spreadsheets and manual report creation to produce management reports which are often out-of-date by the time they are read.

As the world of “Big Data” is creating new sources of information from virtually every corner of the enterprise today, tools like Microsoft’s Excel have evolved to provide an elegant, easy to use, and very affordable way to connect data sources together and create real-time customized visualizations and reports using that data.

Elemez is able to take advantage of Excel by easily opening Elemez’ APIs to Excel users. This allows for Elemez’ real-time analytics on mobility to be combined with other data sources to create customized operational intelligence needed for how your enterprise operates.

The Elemez Synergy product line offers REST and Flex APIs which can be integrated into Excel using their Power Query feature set currently available to Windows versions of Microsoft Excel.

With this integration, Elemez customers can easily create Excel sheets which are updated with the latest information from Elemez’ cloud-based platform and integrate this information with other data sources to provide a rich database from which Excel users can create reports, charts and other customized intelligence.

To get started, Elemez customers subscribing to Elemez Synergy use their API key and token given to them as part of their subscription and create a new “Blank Query” under the “Get Data from Other Sources” menu under the Data main menu in Excel. B2M can provide sample Power Query scripts to get you started with integrating the power of Elemez’ real time analytics with Excel - the most commonly-used data analysis and reporting tool in businesses of all sizes today.

Business Challenges:

Managing enterprise mobility requires two types of information gathering and reporting:

1. Real-time for troubleshooting of end-user issues
2. Scheduled reporting for operations or management review

Both of these traditionally are a challenge for the enterprise or manage service provider supporting the enterprise:

- **Disparate data sources** create a challenging environment to collate data and create a single consolidated view for real-time troubleshooting or manual reporting.
- **Manual data gathering and reporting**, is usually the standard operating procedure. This takes time away from other tasks and is often a task which takes hours per week to complete.
- **Out of date views** are common. Due to the time it takes to gather data from disparate sources, create reports and present the information, the data being reviewed is often hours, days or even weeks old – a lifetime in the dynamic world of enterprise mobility.
- **It’s time-consuming** and therefore costly to create the intelligent views needed to support mobility. And if this is being done to support end-users, can mean increased time they are unable to work due to a faulty device, resulting in a big cost to the enterprise.

Summary

Virtually every department within an enterprise or managed service provider uses Excel today for gathering data and reporting information. To take advantage of this, B2M has made its APIs readily available for use within the Excel environment by ensuring Microsoft's Power Query is proven to work.

B2M is integrating the power of its real-time mobile intelligence platform with Excel - one of the most commonly-used data analysis and reporting tool in business today.

This simple, cost-effective means to integrate real-time data with a tool readily available and well-understood allows Elemez's analytics to be easily customized and personalized to fit any individual user's needs for customized operational intelligence.

Get in Touch

Contact us today to dramatically change how you manage mobility.

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Image on page 1 source: <https://products.office.com/en-us/excel>

Elemez Solutions:

Elemez Synergy meets the challenges shown above by allowing users to:

- ✓ **Easily Integrate** Elemez analytics with other data sources.
- ✓ **Use a tool they already understand.** Excel is a well-understood tool, and likely already being used for data gathering and reporting.
- ✓ **Automate reporting** by allowing Excel to gather real-time data and create reports and charts in Excel easily. The breadth and depth of Elemez data, combined with other data sources, eliminates much of the need to gather data from multiple mobile data sources manually.
- ✓ **Eliminate out of date reports** by using the API calls directly from Excel to gather current data any time it's needed.
- ✓ **Spend time on solutions instead of data gathering.** One of B2M's core values is shifting the enterprise mobility support model to being more Proactive, Preventive and Predictive of problems to eliminate outages and lower costs. By changing your reporting tools to Excel and our APIs, we can free up much of your time to these new tasks, instead of the time-consuming world of manual data gathering and reporting.

Economic Benefits:

B2M can lower the True Cost of Ownership™ of Mobility by:

- **Providing real-time analysis** of underutilized and overused devices and assets by matching Elemez data with financial data.
- **Leveraging Excel tools already available** and understood by workers without investing in new BI solutions.
- **Lowering the learning curve** by taking advantage of Excel already being a well-understood and used tool.

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