

4 Problems with Using Excel Spreadsheets for Analytics

1 Spreadsheets are error-prone.

The reason people love spreadsheets is they can click a cell, change a number—and just like that the data is updated. Click another cell, change a formula—and again, the data is updated. The potential for a new error increases with each keystroke, reducing confidence in the calculated results. With limited tracking and security options, spreadsheets are a tailor made environment for errors that can go forever undetected.

“People are running scenarios, calculating costs, and producing reports that are being used to make business decisions with wrong information.”

– **Matthew Smith**
President & CEO

2 Spreadsheets are unmanageable with large sets of data.



Spreadsheets with data sets that are too large can take many hours to recalculate.



Spreadsheets struggle to handle thousands of SKUs, bills-of-materials, and routings.

3 Spreadsheets are not secure.

Secure Environment



1. Bob logs into a secure system in the office.

2. He downloads a spreadsheet of highly secure data.

Not Secure Environment



3. Bob shuts his laptop and catches a train.

4. On the train, the highly secure data on the laptop is now no longer secure.

4 Spreadsheets do not optimize collaboration.

How one spreadsheet becomes 4 different variations:



1. Bob downloads a spreadsheet from the server in his office. He makes some changes and sends it to Cindy.



2. Cindy opens the spreadsheet and starts revising it. She sends it to Bill.



3. Bill adds his own changes, but meanwhile Bob is still working on the original spreadsheet on his own computer.



ImpactECS is a dynamic cost and profitability system that replaces unwieldy, error-prone spreadsheets.

Benefits of using ImpactECS:

- Highly configurable and flexible
- Consistent environment to calculate results
- Fits into any IT architecture
- Security and auditability

