



## **EiB Insurance Analytics and Power BI – Better Together** **Excel in Business**



# Based On The Industry Leading BI Platform

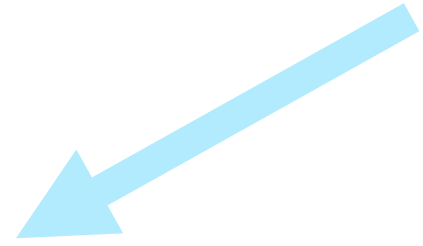
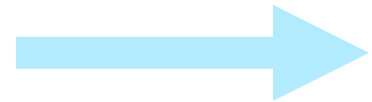


# Generally Accepted Microsoft BI Architecture

Operational  
Applications



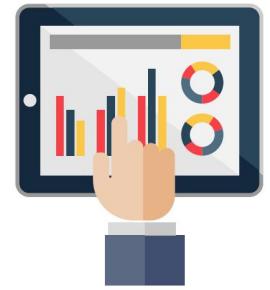
Extracts



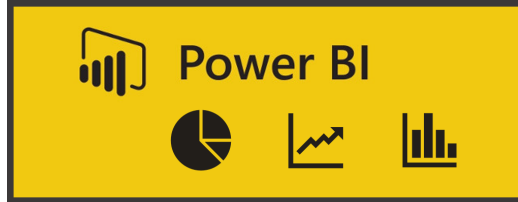
MI Database  
Layer



Front End  
BI Tools



# MI Database Options



- **FREE** Instantly Available
- Can Be Developed Quickly With Excel Data Files
- Great Visualisation Instantly Available
- Limited Scalability  
1Gb Dataset
- Limited Calculation Power  
Restrictive In LOB Apps
- Will Not Support High User Populations
- Only 1 Front End – Power BI



- Available In Every Company
- Skills Availability To Create Complex Dataset
- Robust, Scalable & Proven Technology
- No Consistent Response To MI Queries & Reports
- Limited Calculation Power v Performance
- Reporting Needs To Be Carefully Specified



- Unparalleled Reporting Flexibility & Performance
- Can Have Multiple Front End Tools Inheriting The Application
- Fully Scalable
- Requires Thinking Differently
- Need Specialists To Optimize The Design
- Needs Data Refreshes
- Less Skills Availability

# MI Database Conclusions

## ● Power BI

- Good for small Excel type visualisation apps
- Not good for Line of Business (LOB) apps requiring scalability, complex calculations and lots of users
- High maintenance and constant data refreshes needed. No incremental load.



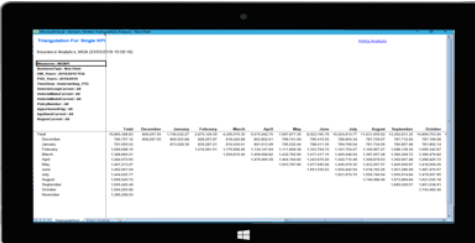
## ● SQL Server

- Massively scalable and good Data Warehouse
- Does not have reporting flexibility required for high performance MI



## ● SQL Server Analysis Services

- Really fast, scalable and has the reporting flexibility
- Reusable business logic across multiple front ends



# MI Front End Tools Options

## ● Power BI Only

- Using Data Import



## ● Power BI Live Connection

- Live Queries To SQL Server and SQL Server Analysis Services

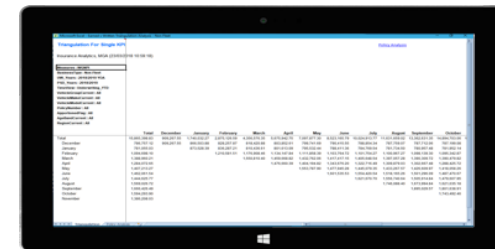


## ● EiB Analytics Only

- Using EiB AppStudio To Prepare Data

## ● EiB Analytics and Power BI

- Using The Same Calculations And Business Logic



# Microsoft Power BI – Import Only



- 1 Lack Of Scalability
- 2 Poor Ad-Hoc Capability
- 3 Constant Data Refreshes
- 4 Complex Model Building

- 1 Only FREE License Required
- 2 Get Started Quickly
- 3 Available On All Platforms

# Microsoft Power BI – Live Connections Only



**1** High Level Skills Required For SQL DW or SQL AS MI Databases

**2** Poor Ad-Hoc Capability

**3** Power BI Pro Or Premium Licenses Required

**4** Limited Excel Reporting

**1** Multi User & App Scalability

**2** Data Refreshes Minimised

**3** Available On All Platforms



# EiB Analytics - Only



**1** No Pure Web Based Or Mobile Solution Available

**2** Limited Dashboard Capability

**3** No Drilldown On Charts

**1** Fully Scalable Line Of Business Analytical Applications

**2** Excellent Excel Reporting & Ad-Hoc Analysis

**3** Fully Cost Effective Hosted Solution Available

# EiB Analytics & Microsoft Power BI

**1**

Office 365, Power BI Pro or Power BI Premium Licenses Required (still much cheaper than other BI alternative platforms)

**2**

Can't Think Of Anything Else !

**1**

Massively Scalable Line Of Business Applications

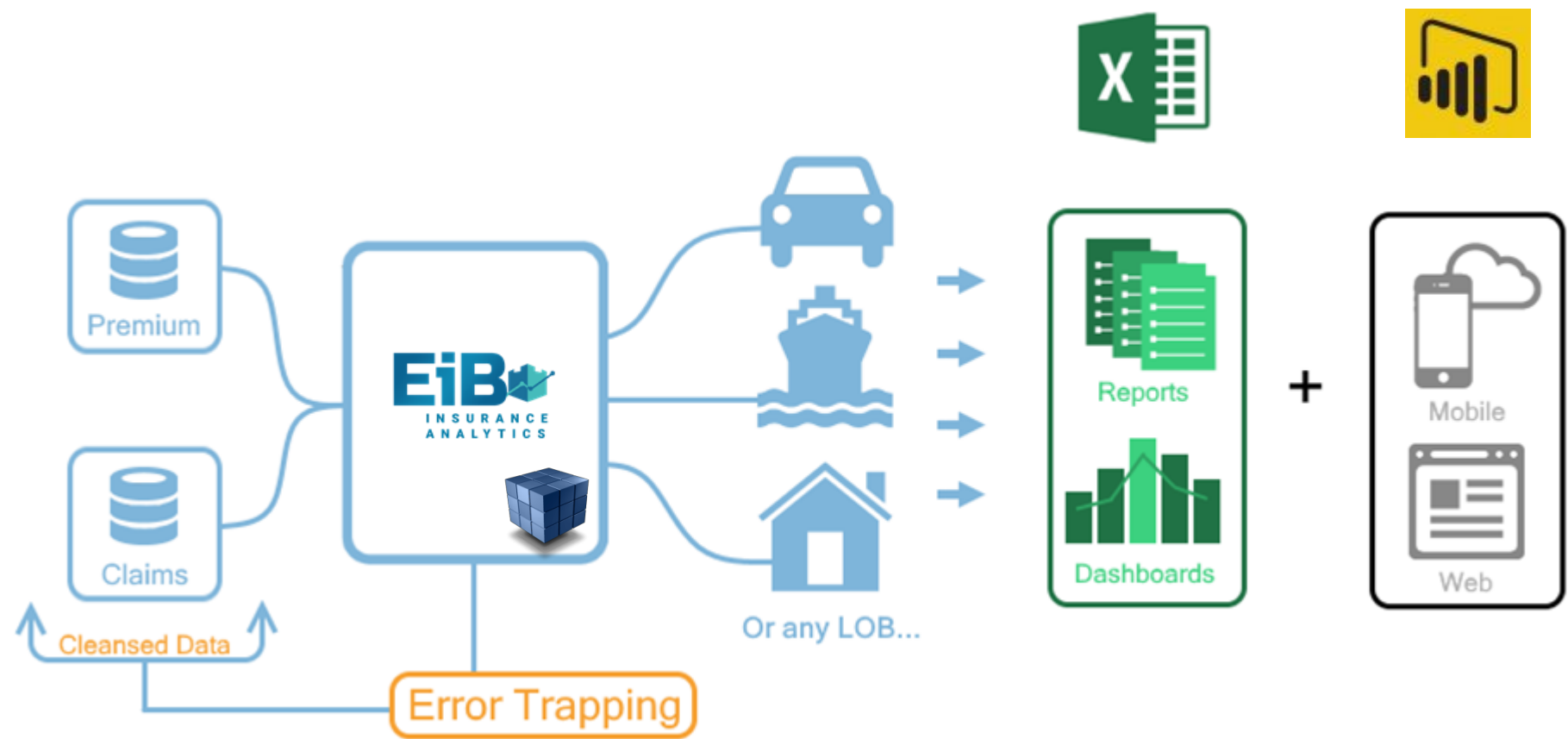
**2**

Best In Class Excel Reporting, Ad-Hoc Analysis & Web / Mobile Dashboards

**3**

All Business Logic Reusable In Excel & Power BI

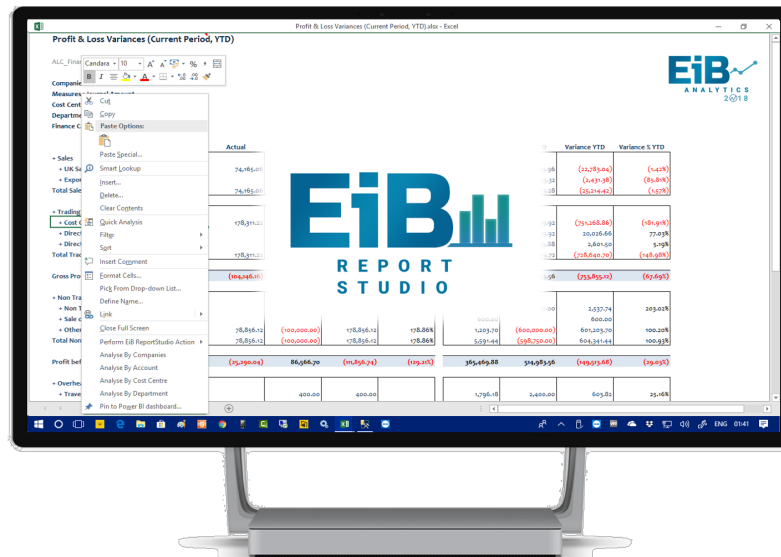
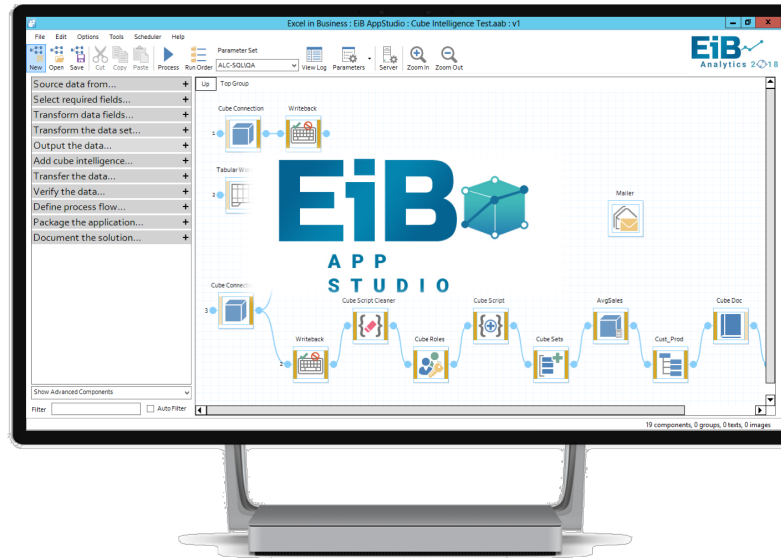
# The Ideal MI Architecture



# Harnessing EiB Insurance Analytics Platform

## EiB AppStudio

- Visual MI Apps for MS BI
- Any source
- Any output
- Automation
- Documentation
- Grouping
- Cleansing

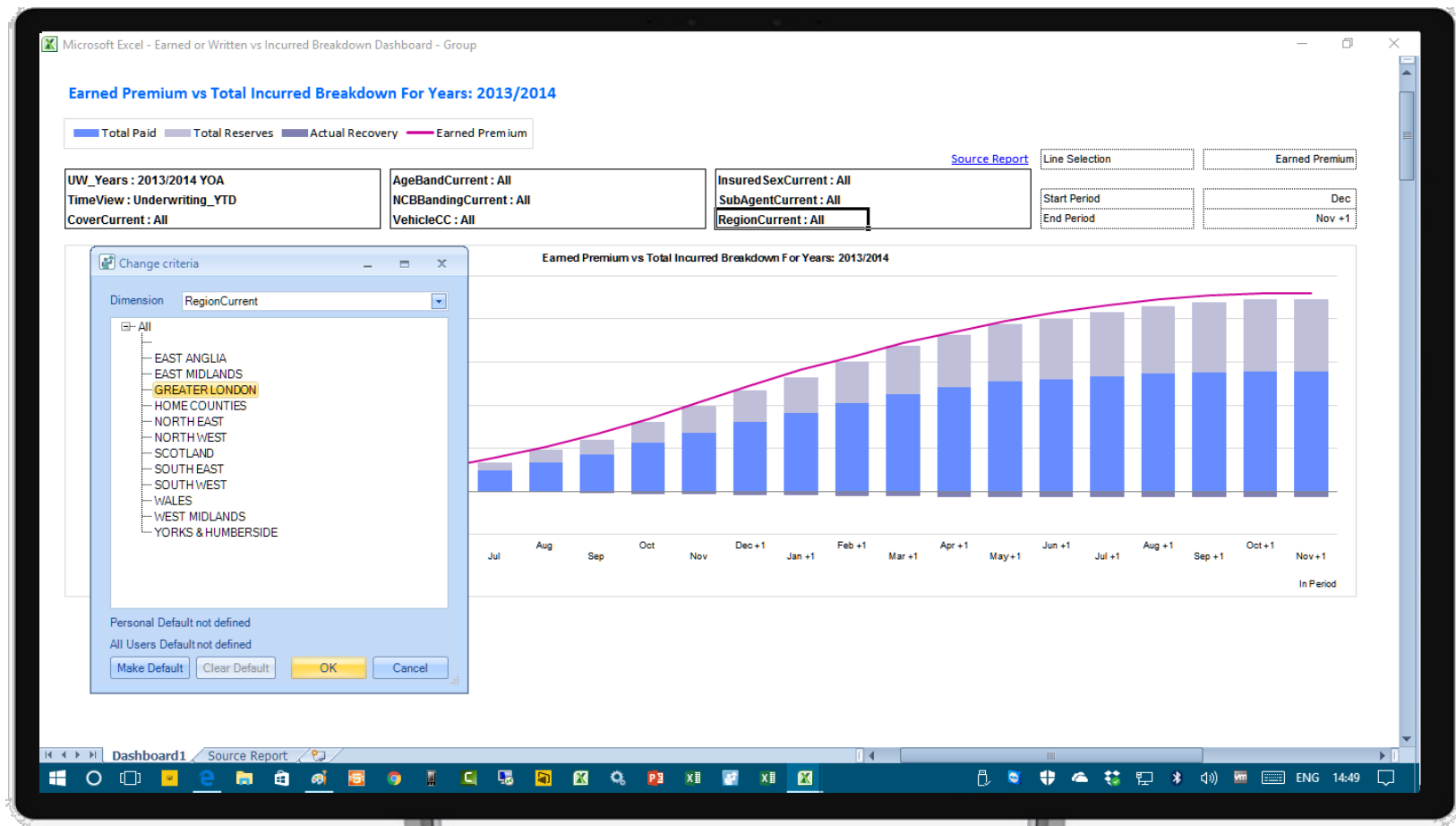


## EiB ReportStudio

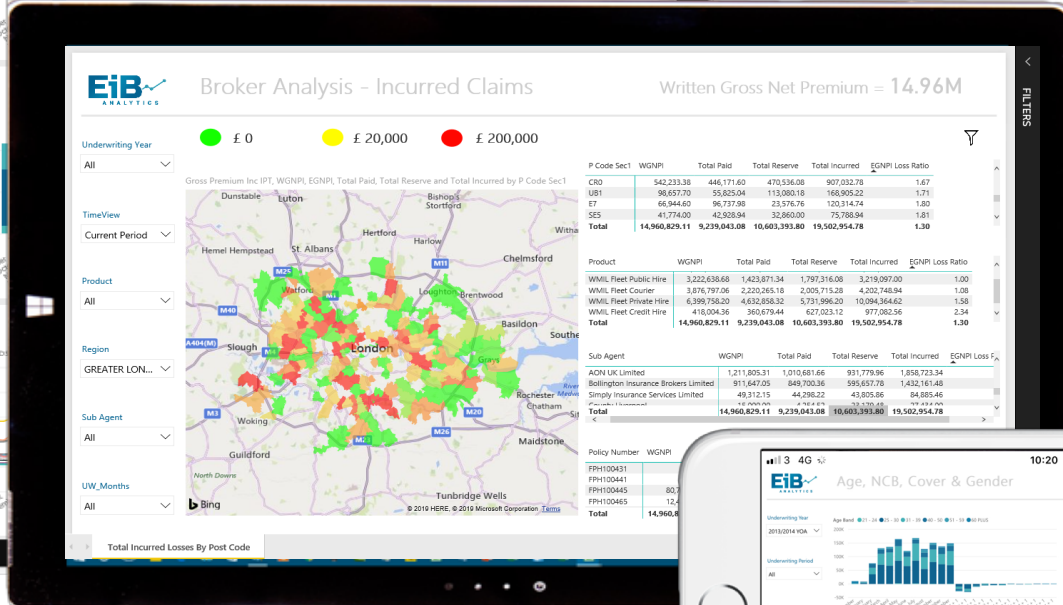
- Excel Reporting Add-in
- SQL / Cube / Tabular
- Formatted Reports
- Unstructured Reports
- Dashboards
- Distribution



# Highly Customisable & Configurable Excel Reports



# Power BI Insurance MI From Your Device(s) Of Choice





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**Excel in Business**