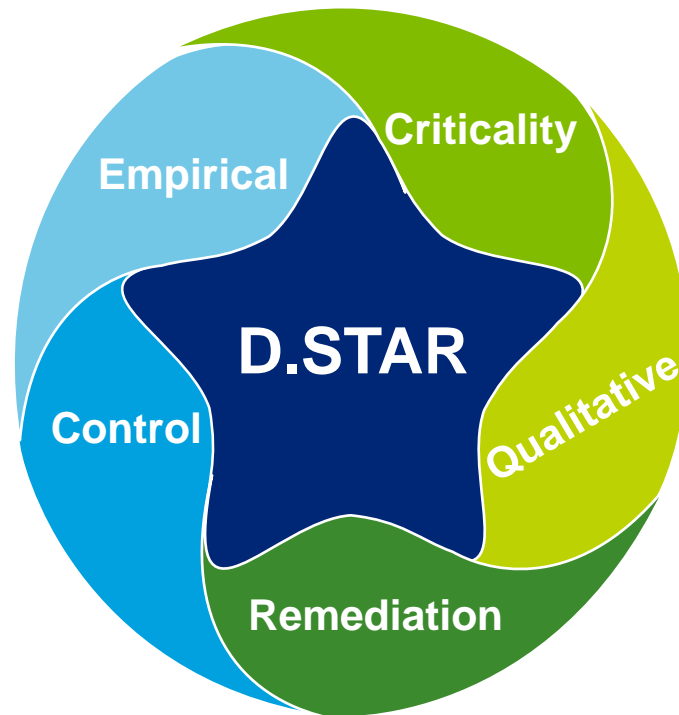




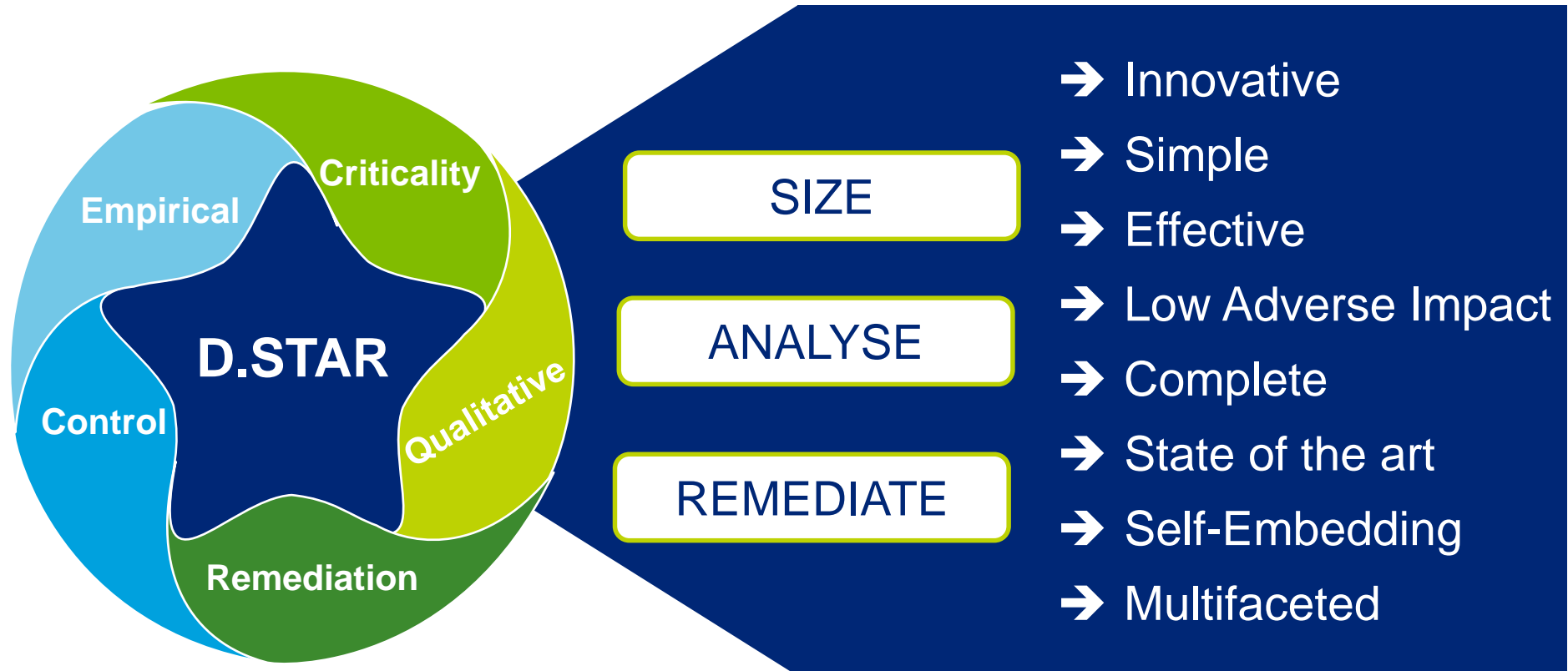
## D.STAR

Deloitte Spreadsheet Training  
Assessment & Remediation

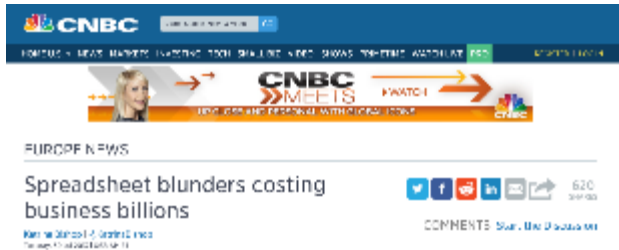
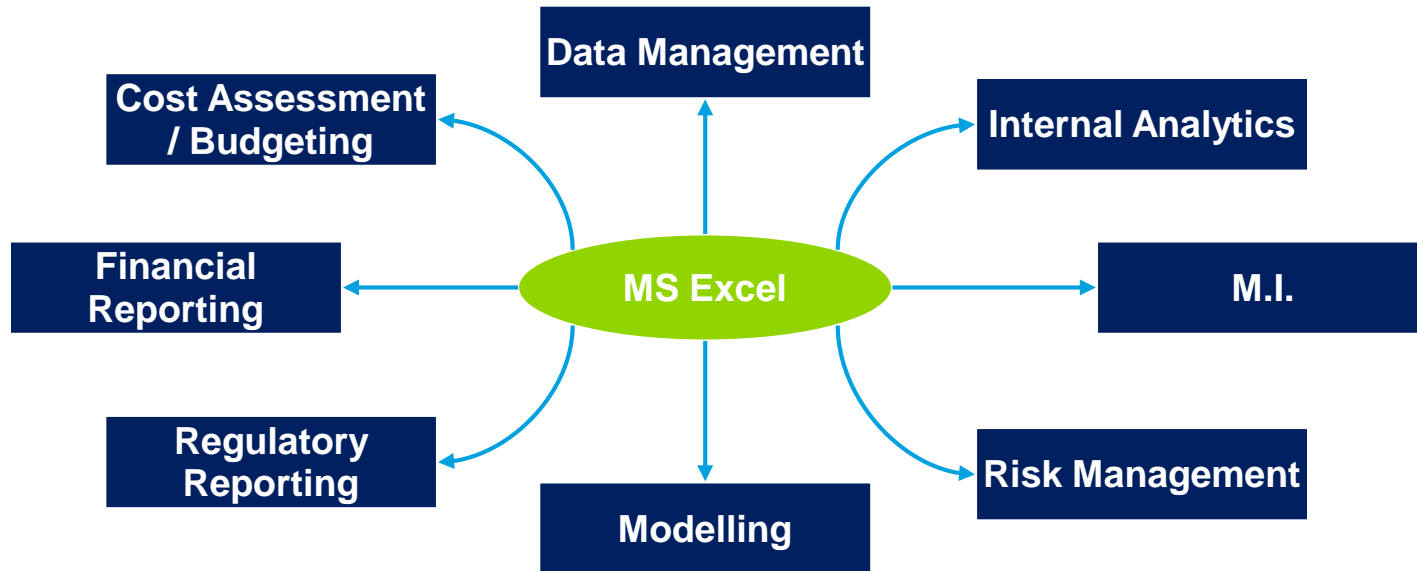


“I have an unknown number of Excel spreadsheets propping up essential business processes within an ever complex business”

Senior Executive Pillar Bank



Financial Institutions are operating on a middle tier of spreadsheets, which, when poorly maintained can add complexity, inefficiency and ultimately risk



F1F9 Financial modelling estimate that ~88% of spreadsheets contain errors<sup>1</sup>



How The London Whale Debacle Is Partly The Result Of An Error Using Excel

J.P. Morgan's "London Whale" lost \$6bn, driven in part by errors in a VaR model running over multiple Excel sheets<sup>2</sup>

1. <http://www.cnbc.com/id/100923538#>

2. <http://www.businessinsider.com/excel-partly-to-blame-for-trading-loss-2013-2?IR=T>

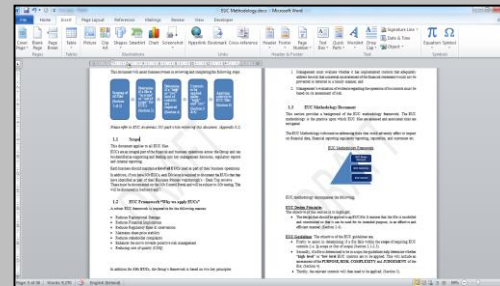
The *Deloitte Spreadsheet, Training and Remediation* (D.Star) allows institutions to accelerate the remediation process by categorising spreadsheets complexity and criticality in 0.1% of the time it would take to manually assess. In addition, it provides support through the provision of training and an EUC Methodology



## Training



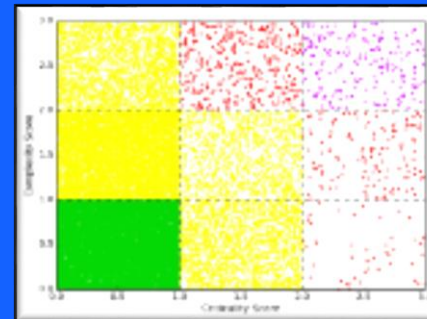
## Prevention



## Assessment

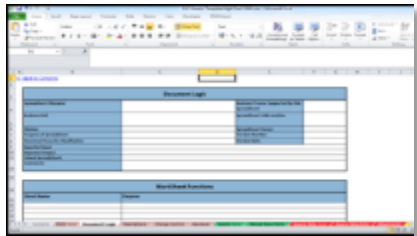


## Remediation





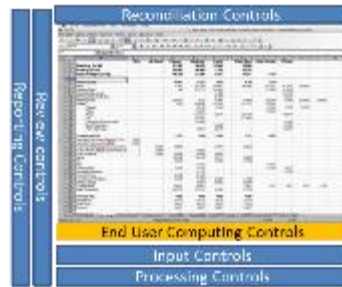
## Training



Structured Training in EUC best practice & EUC templates for enhanced control



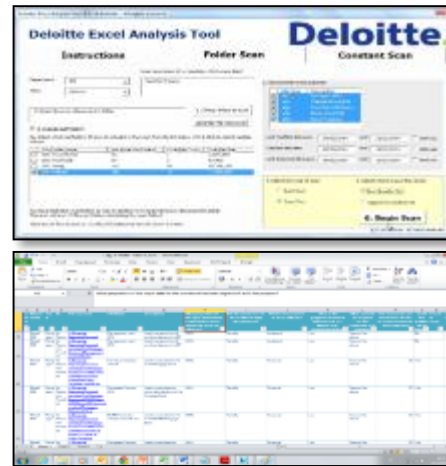
## Prevention



Updated EUC methodology & associated policy to start reducing the proliferation



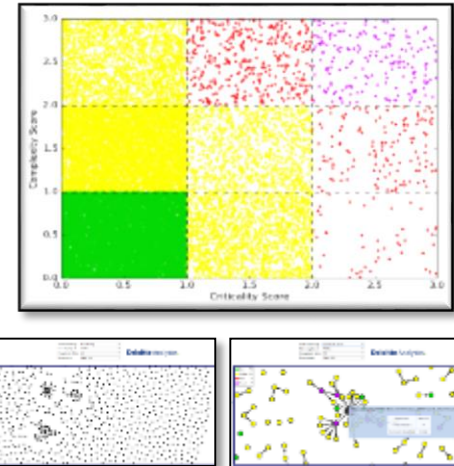
## Assessment



D.STAR tool & questionnaire to determine complexity & criticality of all spreadsheets



## Remediation



Heatmap of spreadsheet population with visualisation of landscape & remediation plan



## D.STAR tool in operation

Spreadsheet Info Macro v9\_1.xlsm - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Developer Add-Ins Foxit Reader PDF

L27

A B C D E F G H I J K L M N O P Q R S T U

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# Deloitte.

Deloitte Excel Anaylsis Tool ©2014 Deloitte - All rights reserved

Version 9.1

New Scan

Deloitte Excel Analysis Tool

Ready

100%

## Results Visualisation

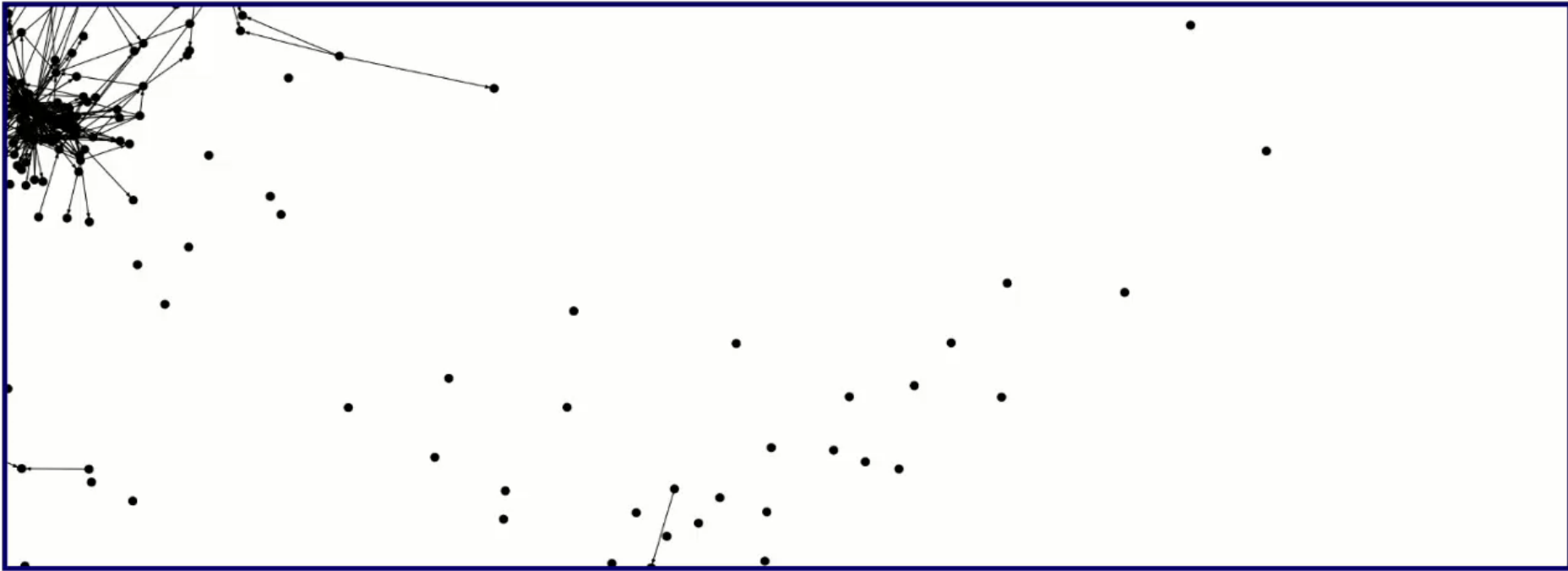
Node colouring:

Files displayed:

Complexity filter:

Department:

**Deloitte** Analytics.





Easily-implemented over a very short timeframe, with minimal disruption to the business

**Accelerated Implementation**

**Widespread Application**

Excel is used by virtually all businesses and business areas; company-wide analysis and solution

Proof of concept completed; in a major client (pillar bank)

**Proven**

**Cost-Effective**

Eliminates 99% of the cost of a manual solution