

# Creating Utilities Analytics Roadmap

April 24, 2013, 1 p.m.-2 p.m. ET

Presenters:

Paul Grabham, President & CEO  
Dan Pirato, Customer Engineer



**Business Intelligence as Service**

Warren B. Causey, President & CEO



**Warren B. Causey, LTD**

**Business Intelligence as Service**



# Our Webinar Series to Date

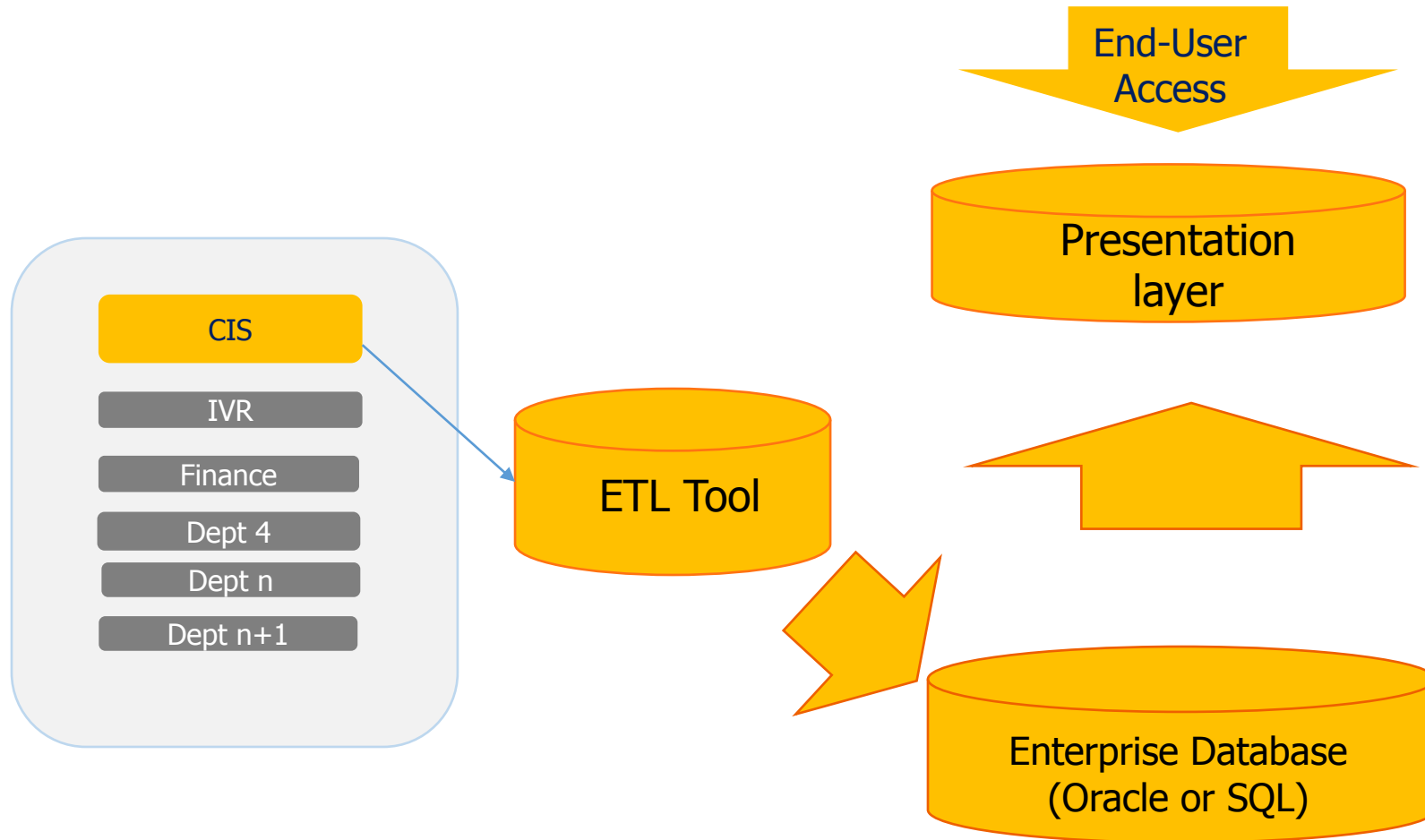
1. Building Analytics Roadmaps
2. Drill down on utility analytics projects
3. Building utility dashboards
4. **Getting more information and value from your Mainframes**
5. How to mine the value from your MDM
6. Using Smart Meter Data to drive customer segmentation
7. How to create the poor man's MDM

Suggest analytics topics for future webinars. We are open to suggestions.

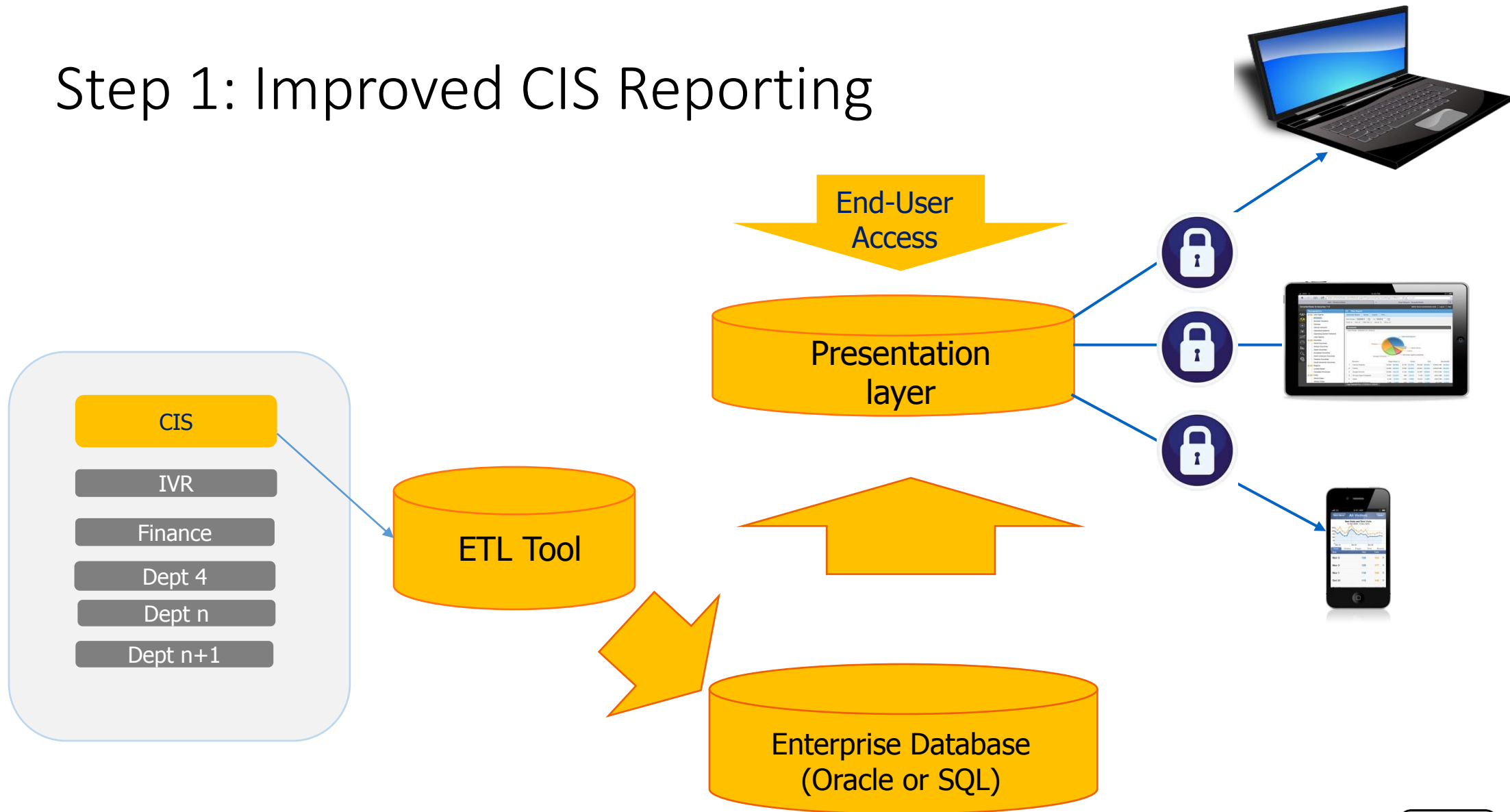
# Business Problem Addressed

- Lack of data exploration and data vitalization tools make trend analysis hard
- Time to export data lengthy leading to batch reporting at best
- Dependent on retiring Cobol staff

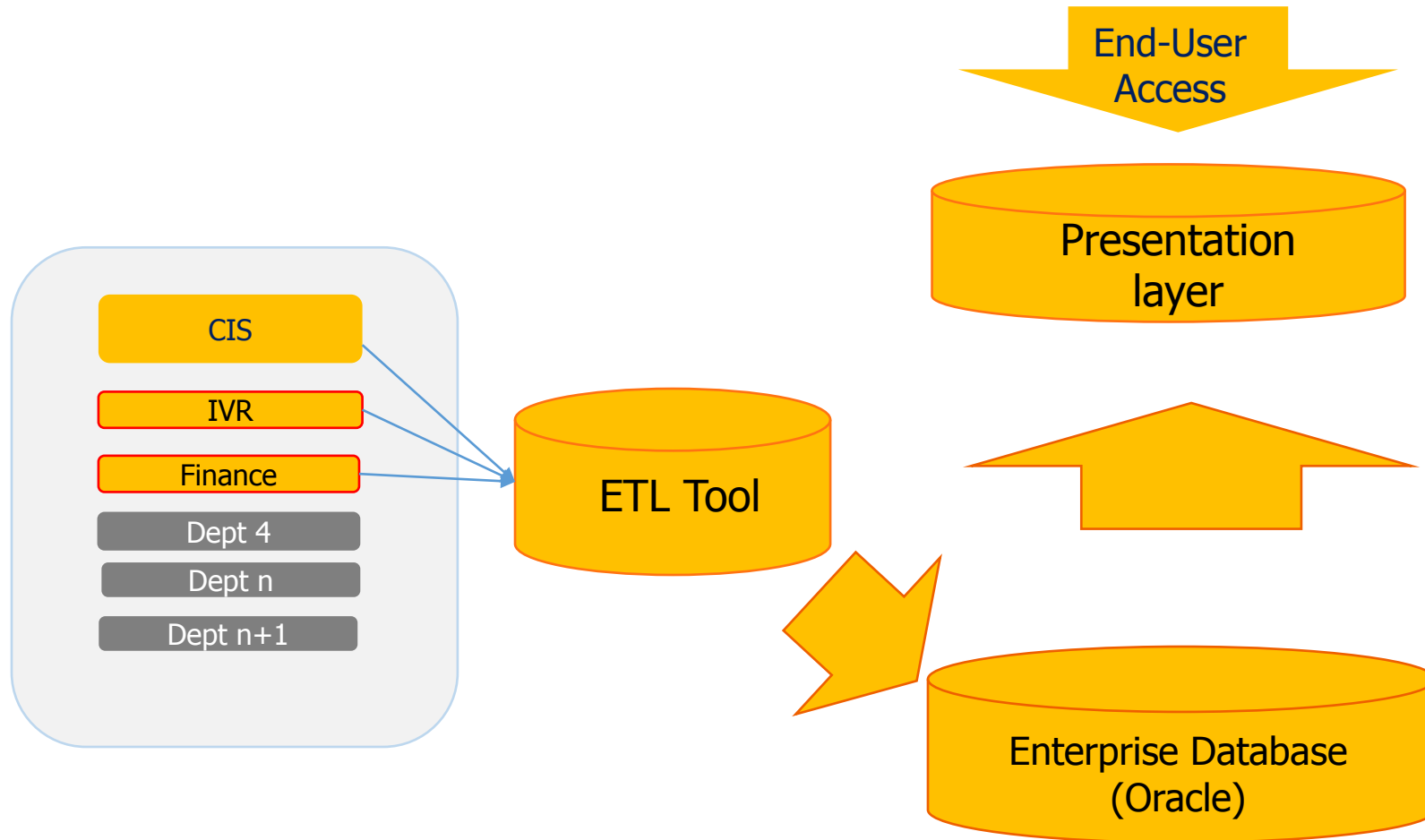
# Step 1: Improved CIS Reporting



# Step 1: Improved CIS Reporting



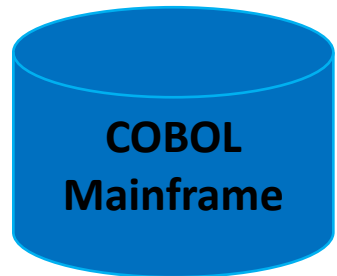
# Step 2: Cross Functional Reports



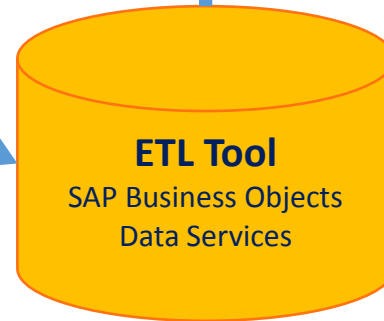
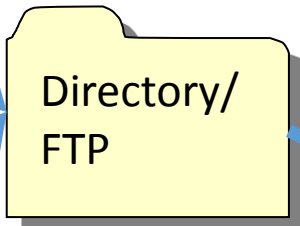
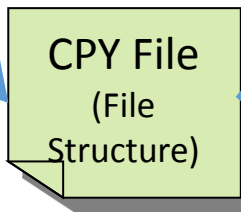
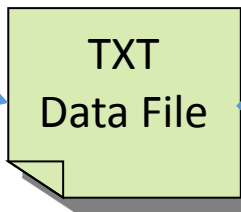
# How to make your COBOL Data useful

- What you will need:
  - Identify what data you want to look at and where it is
  - Develop Cobol extract job to pull out data
  - A folder or FTP that is accessible to post the files from the extract and where ETL tool can reach
  - ETL Tool capable of handling COBOL data files and Copy Books(File Layout)
  - Data warehouse to store data after extraction and transformation
  - Data visualization tools to show and analyze your data

# From 1970s to 2013



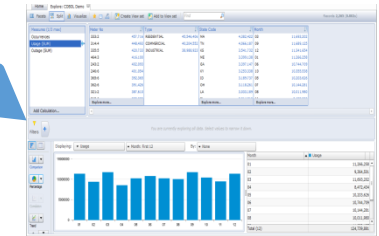
Scheduled extract job



Mobile Dashboard



Powerful Data Analysis Tools



- Data is stored and ready for consumption by modern best in class analytic tools
- combine with other data sources

- Scheduled sweep of directory
- Pulls TXT Data and CPY file structure into ETL Project
- Transforms into standard table format
- Cleans up all unreadable characters, spaces, and 0000's
- Loads into Data Warehouse

- 2 files are created from extract
- TXT flat file containing unstructured difficult to use data
- Copy Book(CPY) file that contains hierarchy and File structure

**Business Intelligence as Service**





# Summary

- From Mainframe batch reporting to analytics with:
  - Data exploration
  - Cross system reporting
  - Dashboards
  - Mobile
- Low cost solution
- Fast delivery
  - PoC up and running in weeks
  - Full solution in <3 months

# Open Discussion

Paul Grabham, President & CEO



**Business Intelligence as Service**

**info@mybias.com**  
**+1 571 970 3791**

Warren B. Causey, President & CEO



**[warren@wbcausey.com](mailto:warren@wbcausey.com)**

*Evaluate the latest analytics tools yourself at myBIAS.com*

**Business Intelligence as Service**



# Conclusion

## This Webinar

- Access video on You Tube
- Distribute link
  
- Goto Mybias.com for.....

## Next Webinar

- **How to mine the value from your MDM**
- Scheduled Date May 30<sup>th</sup>, 1pm ET

Suggest utility analytics topics for future webinars