

DASHBOARD TRACKING OPERATION

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I. OVERVIEW

1. Business Issue

Historically, it has taken two analysts a week to prepare the reports for the quarterly board meetings. Also, there is usually at least one issue each quarter where a value in a report is wrong because of a bad cell reference in an Excel formula. On occasion, there are conflicting results in the reports because the products and departments that roll up to each business unit are not defined consistently.

2. DataSource

Data come from many source, with many format, and don't have a place to consolidate

Data come from:

1. Data download/copy from other current dashboard/data lake
2. Come from third party system
3. Excel/GG Sheet from departments

3. Requirement

General

The company wants to create common logic for the business units, products, and departments. The logic will be used across all reports, including but not limited to the quarterly reporting for the board.

Technical Requirements

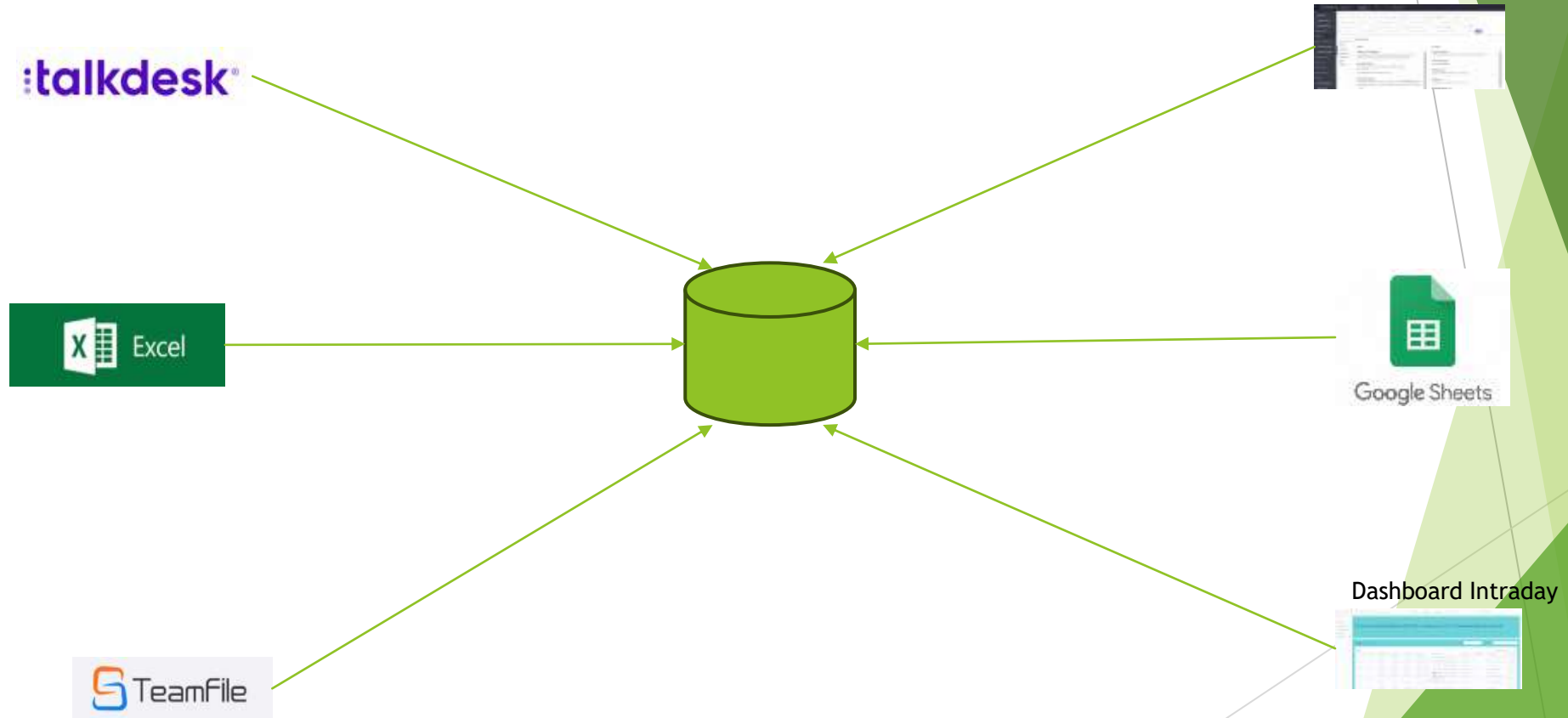
Contoso wants the reports and datasets refreshed with minimum manual effort.

The company wants to provide the board with a single package of reports that will contain custom navigation and links to supplementary information.

Maintenance, including manually updating data and access, must be minimized as much as possible.

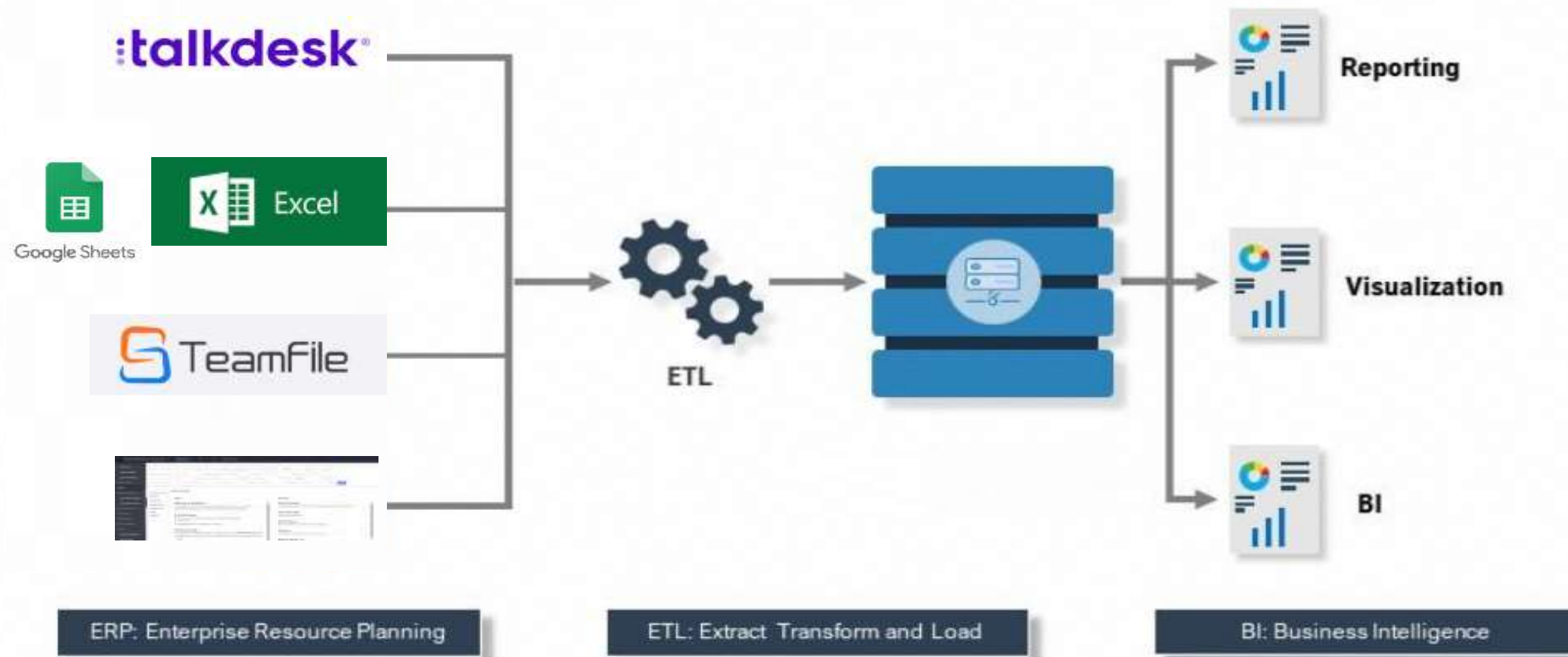
II. DATA SOURCE

Data is currently scattered across many different sources. Data quality is unstable. Some data has many errors (Missing value, wrong data_type...)

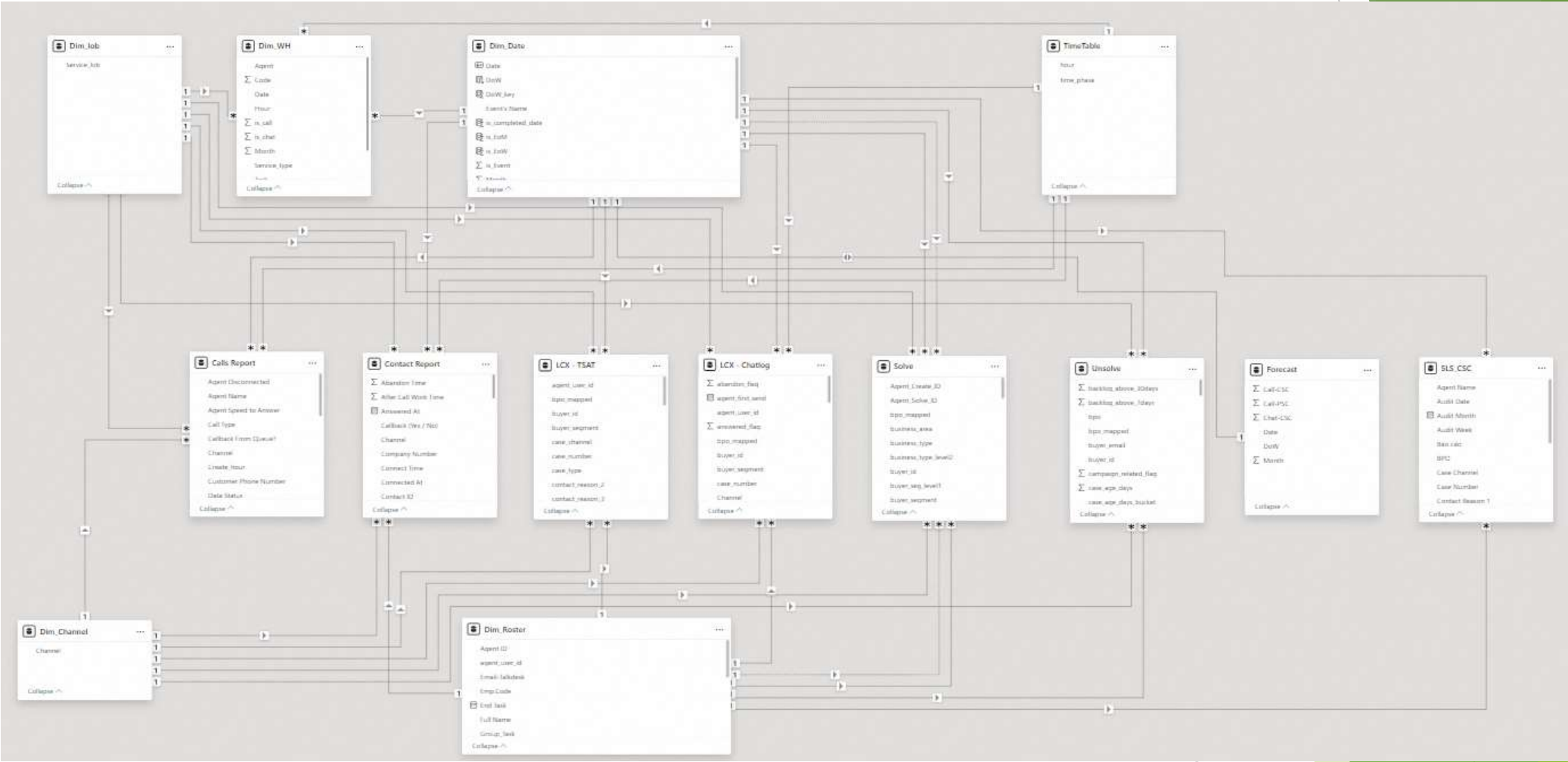


III. SOLUTION

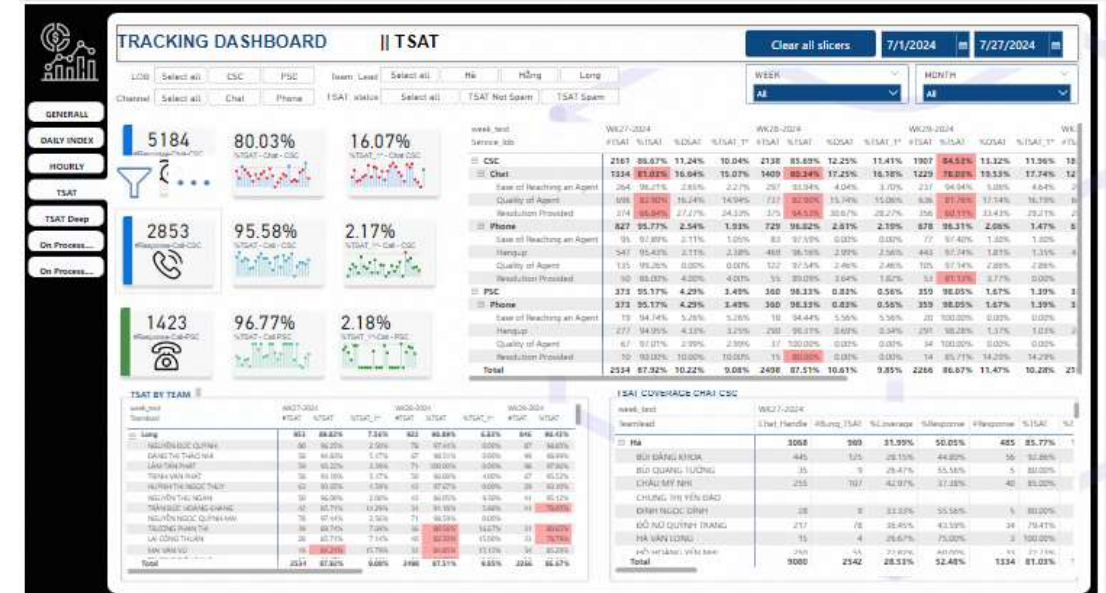
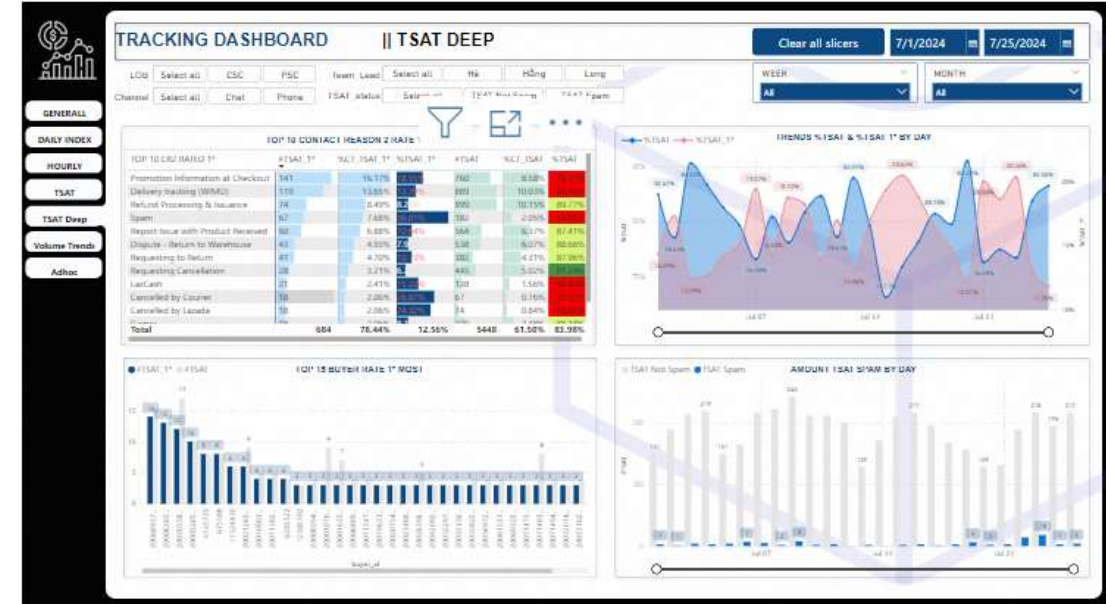
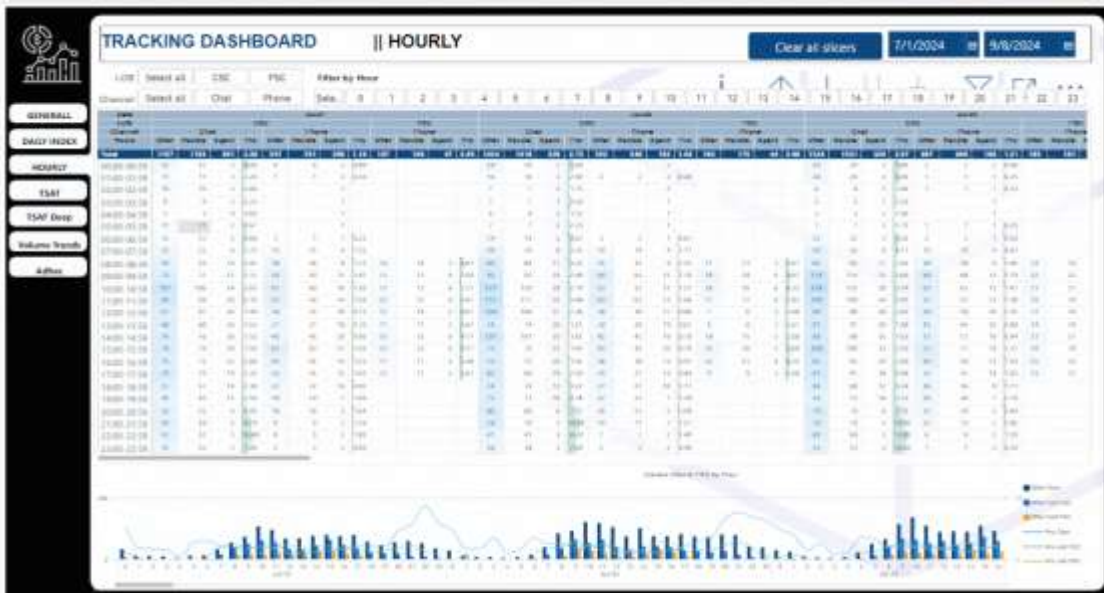
- Using Power BI
- Check error & Fix template for each kind of data.
- Using Power Query to Import data from many source
- Create further Dim-Table to connect to model
- Data modeling
- Create Measure
- Create Report & Visualization
- Cross Check result
- Install Gateway
- Schedule to Auto Refresh



IV .DATA MODELING



V. REPORT



VI. SCHEDULE REFRESH

Refresh frequency

Daily

Time zone

(UTC+07:00) Bangkok, Hanoi, Jakarta

Time

1

00

PM

X

1

30

PM

X

2

00

PM

X

3

00

PM

X

4

00

PM

X

5

00

PM

X

6

30

AM

X

THANK YOU

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