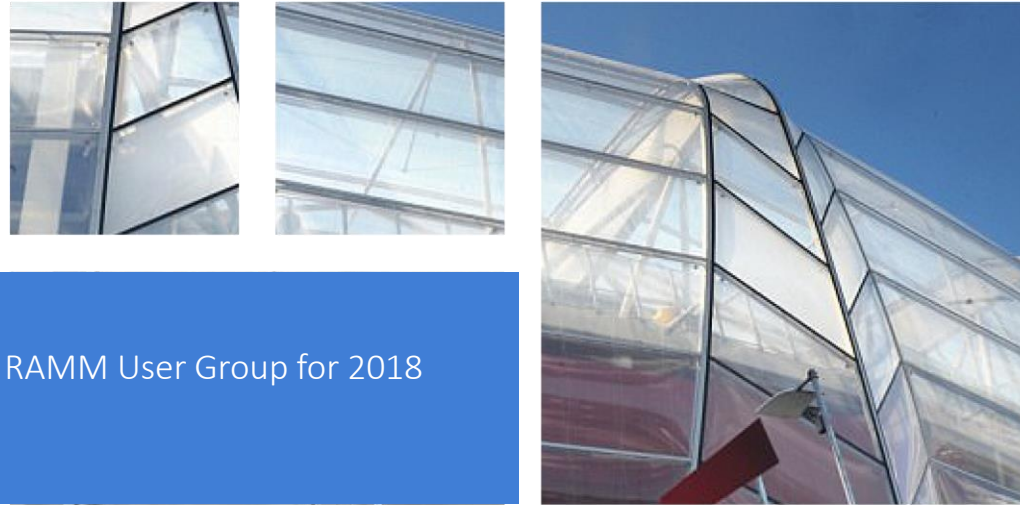


RAMM API

Debbie Massyn



Welcome to the RAMM User Group for 2018



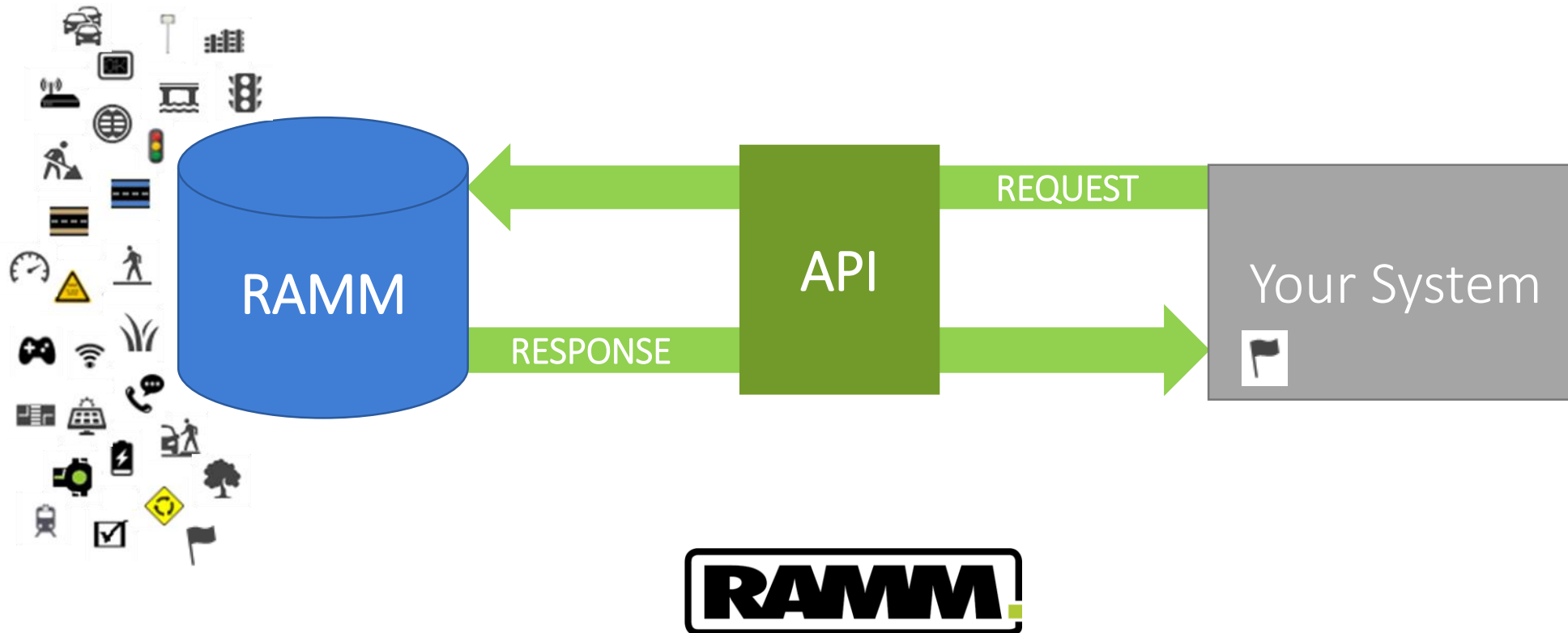
INTRODUCTION TO RAMM API

- What is it?
- What is it used for?
- Use Cases
- RAMM API documentation



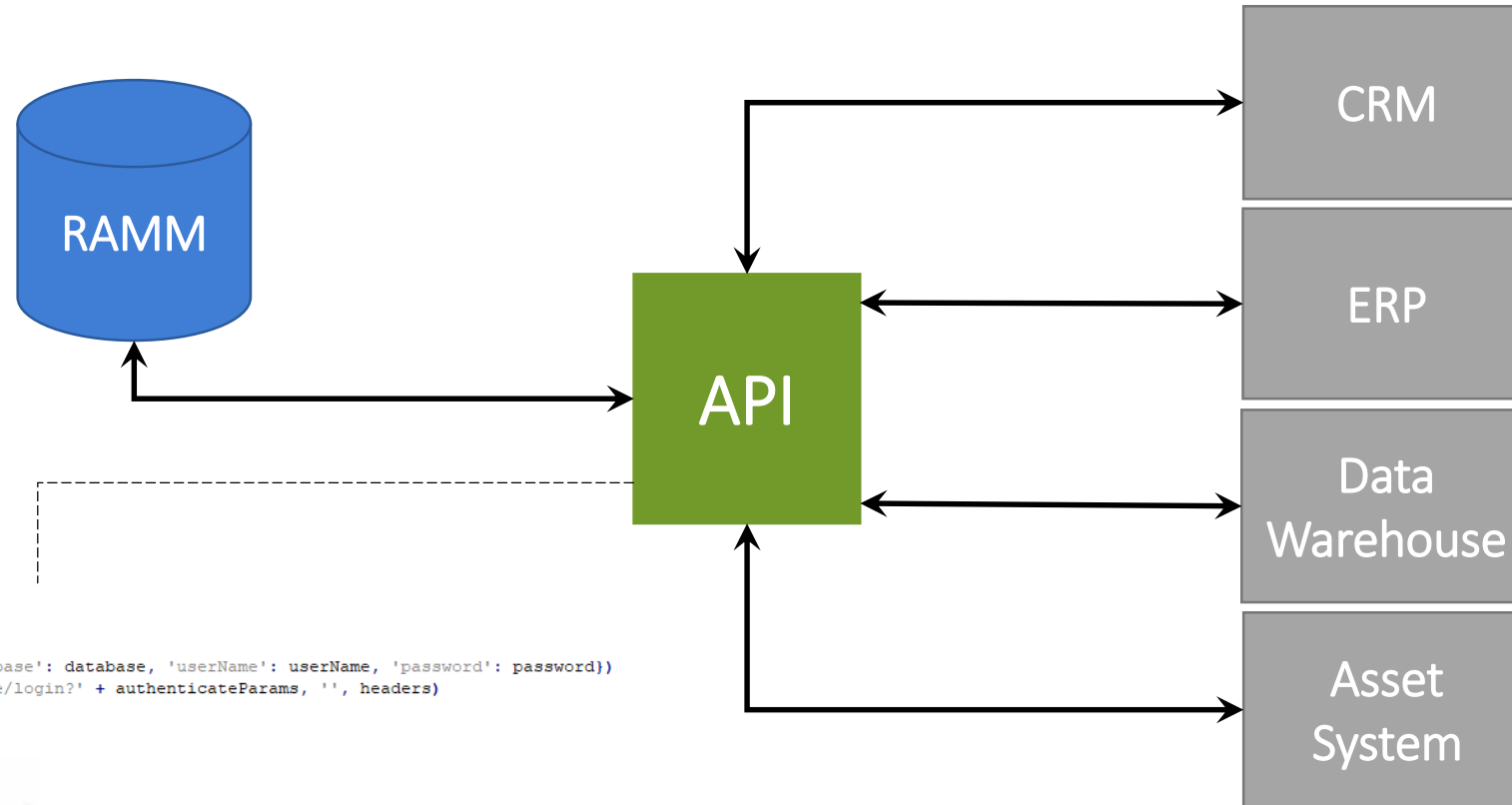
WHAT IS THE RAMM API?

Application Programming Interface



WHAT IS RAMM API USED FOR?

Integrating your systems with RAMM

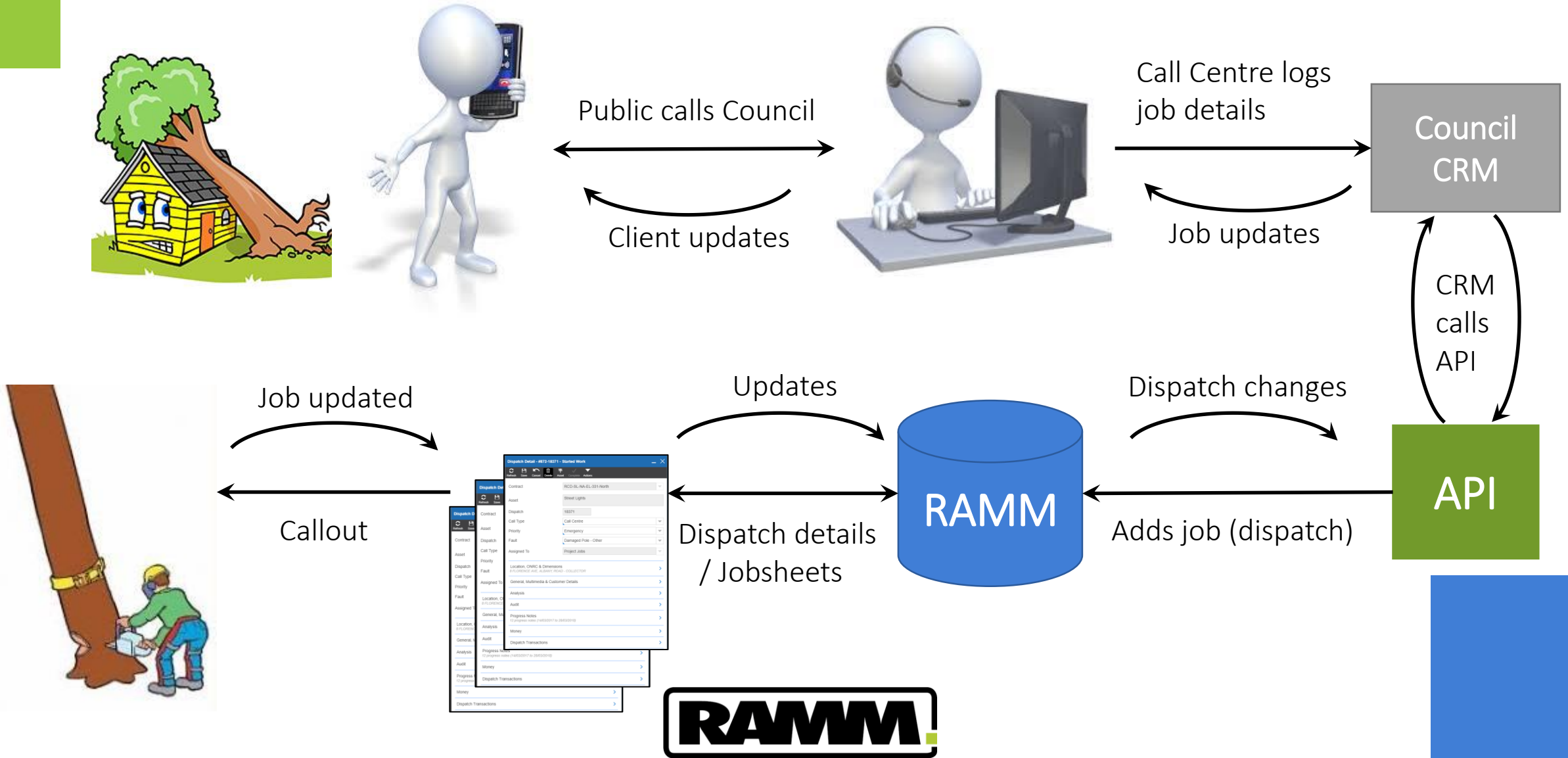


```
connection = http.client.HTTPSConnection(site)
try:
    #connection.set_debuglevel(1)

    # Authenticate
    print('Authenticating')
    authenticateParams = urllib.parse.urlencode({'database': database, 'userName': userName, 'password': password})
    connection.request('POST', basePath + 'authenticate/login?' + authenticateParams, '', headers)
    response = connection.getresponse().read().decode()
    #print(response)
```

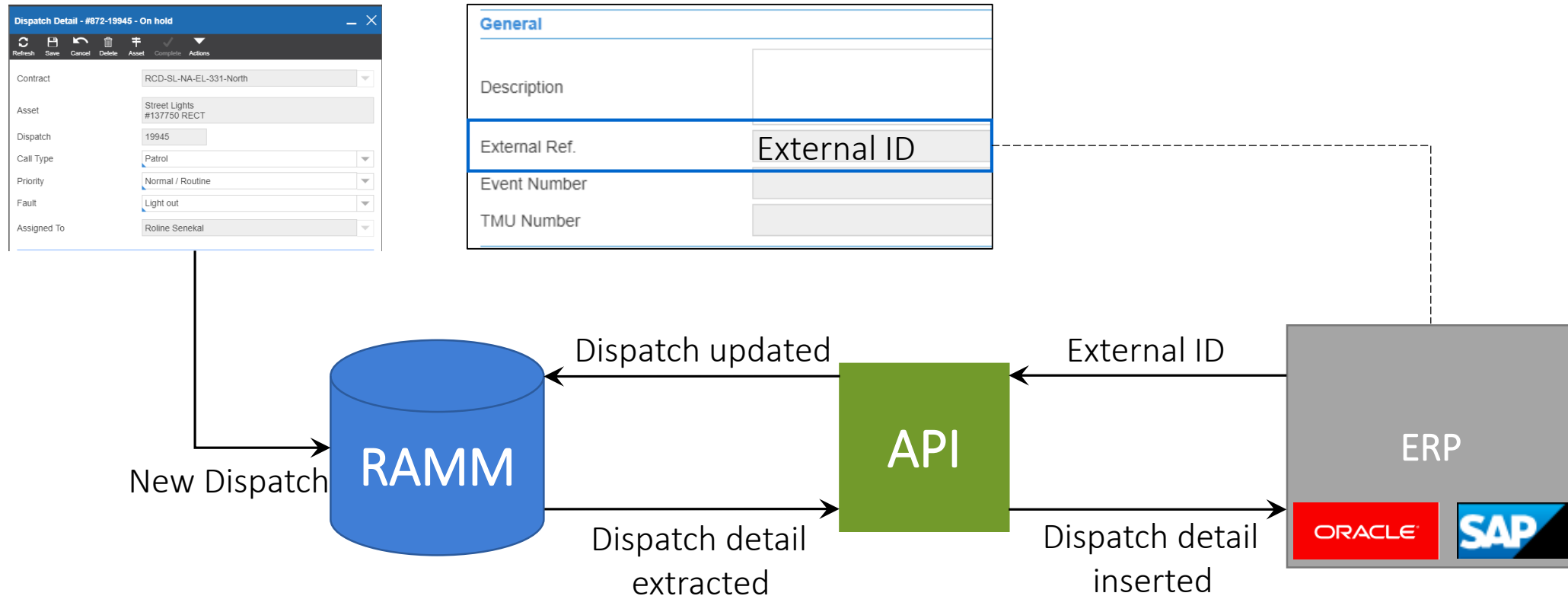


USE CASE – INTEGRATION WITH CRM



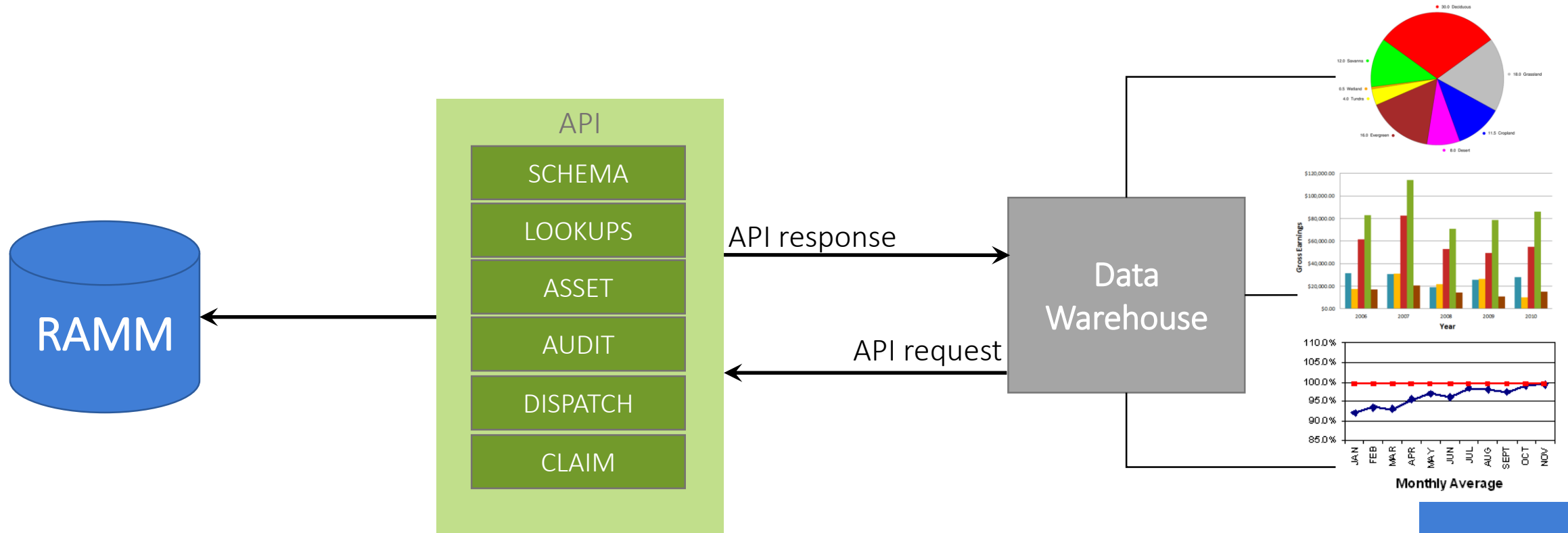
USE CASE – INTEGRATION WITH ERP

Integrate RAMM with Financials



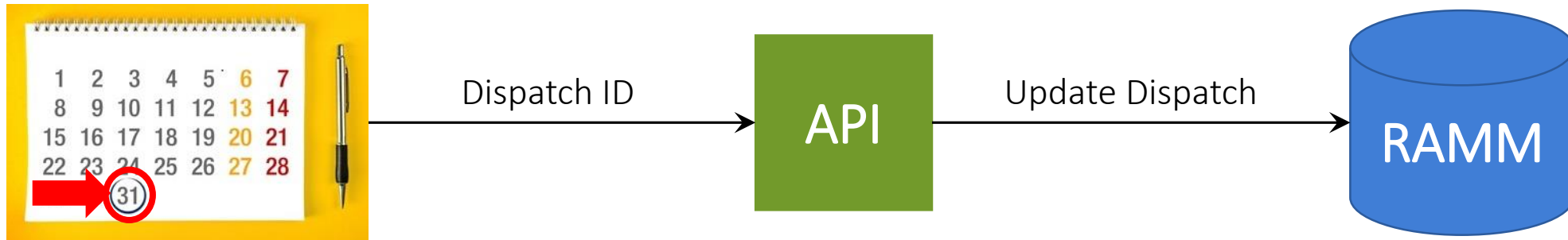
USE CASE – DATA WAREHOUSING

Data Integration / Data Quality Checks / KRA & KPI Reporting



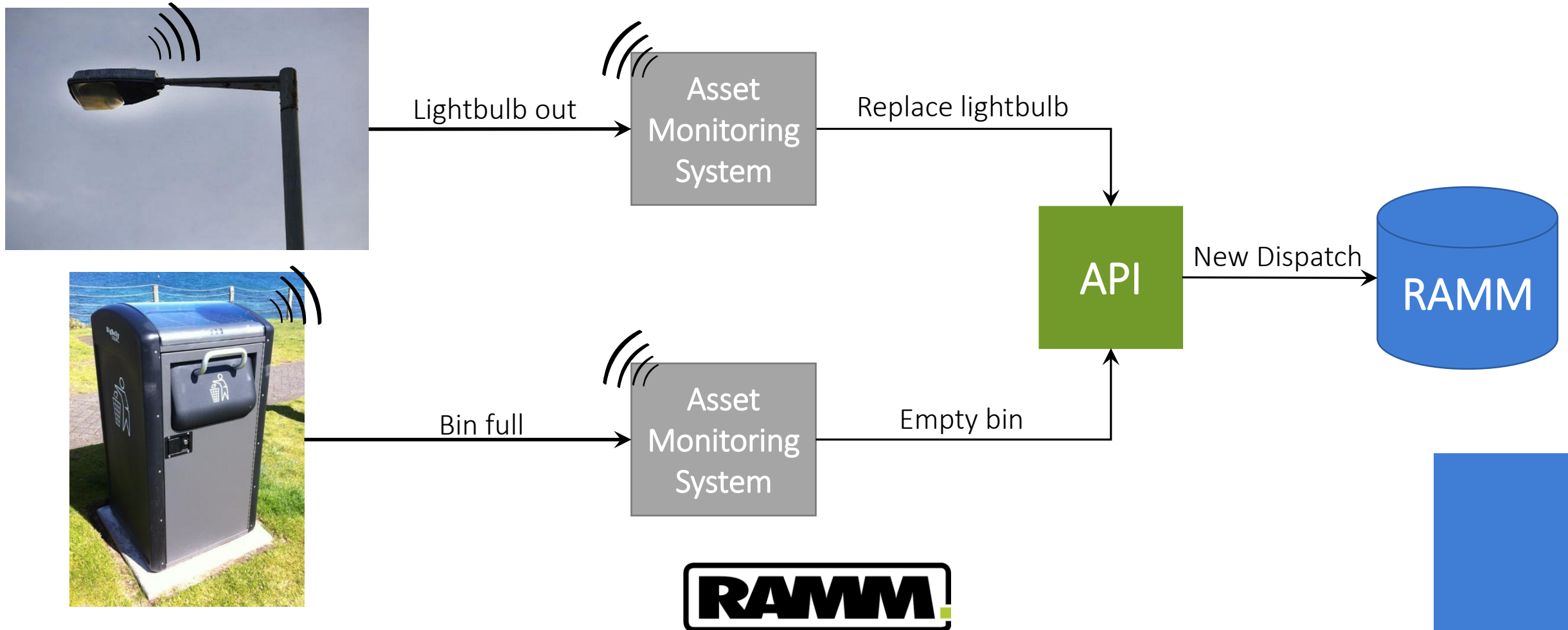
USE CASE – SCHEDULED TASK

Periodic Alteration of Data



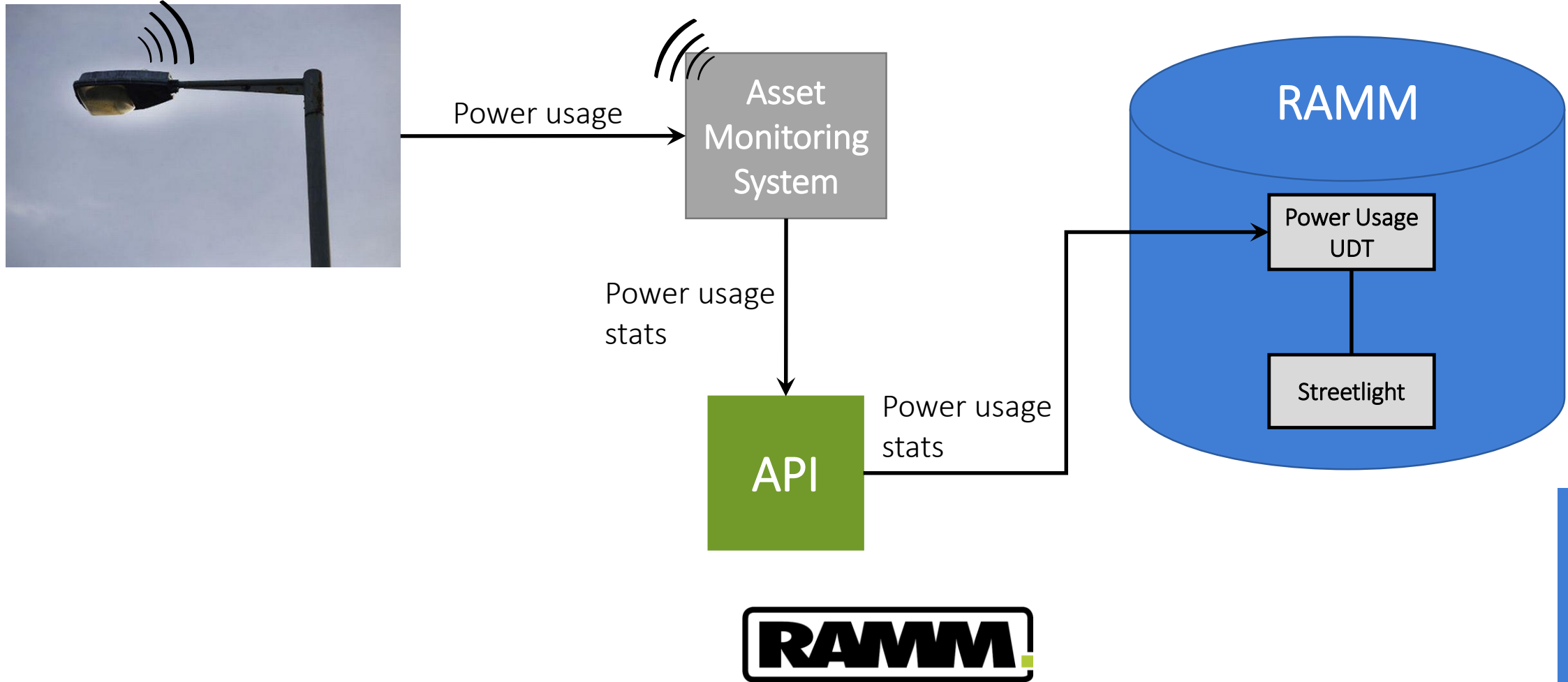
USE CASE – EXTERNAL ASSET SYSTEM

Automate maintenance / workflow



USE CASE – EXTERNAL ASSET SYSTEM

Automate information gathering



API DOCUMENTATION

Visit www.ramm.com

RAMM

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RAMM API

RAMM API
RAMM API is a Web Service API that allows RAMM Asset and Dispatch data to be read and in many cases modified by externally developed software. This means that your IT department can develop applications specific to the way that you do business.

Access RAMM API
The RAMM API is available at the URL <https://api.ramm.com/v1/>. The API is documented using Swagger [and is available here](#).

See RAMM API in Action
If you would like to see examples of the RAMM API in action you can download and extract the files from the zip file [here](#). Please be sure to read the extracted ReadMe.txt file. Please note that you need Python on your computer for the downloaded examples to resolve.

RAMM Integration
The use of RAMM API is not currently subject to usage fees. This is subject to change. For further details you should read Campbell Newman's document explaining the extraction, importation and integration of RAMM data with external systems. [Details](#)

See How RAMM API Works
Watch how the Swagger interface allows you to test API requests on either your own or supplied Demo database. Learn how to generate a 24 hour access key for authentication and see how the Model Schemas facilitate coding. [An Introduction to RAMM API \(3:37\)](#)

RAMM

<https://api.ramm.com/v1/docs/v1/> [Explore](#)

RAMM API

A sandbox environment API to test RAMM API requests. To perform a test on your own database enter your key above or else you may use the demo database.

Authentication	Show/Hide List Operations Expand Operations
Claim	Show/Hide List Operations Expand Operations
Data	Show/Hide List Operations Expand Operations
DatabaseContext	Show/Hide List Operations Expand Operations
Dispatch	Show/Hide List Operations Expand Operations

Example script

Introduction video

IN SUMMARY

RAMM API is for

- Developers
- System Integration
- Data Warehousing / reporting
- Automating workflow
- Collecting Data
- Is constantly being developed





excellence in asset management