

XI CBONDS FIXED INCOME CONFERENCE — CYPRUS



# CBONDS **API** **&** DATA FEED

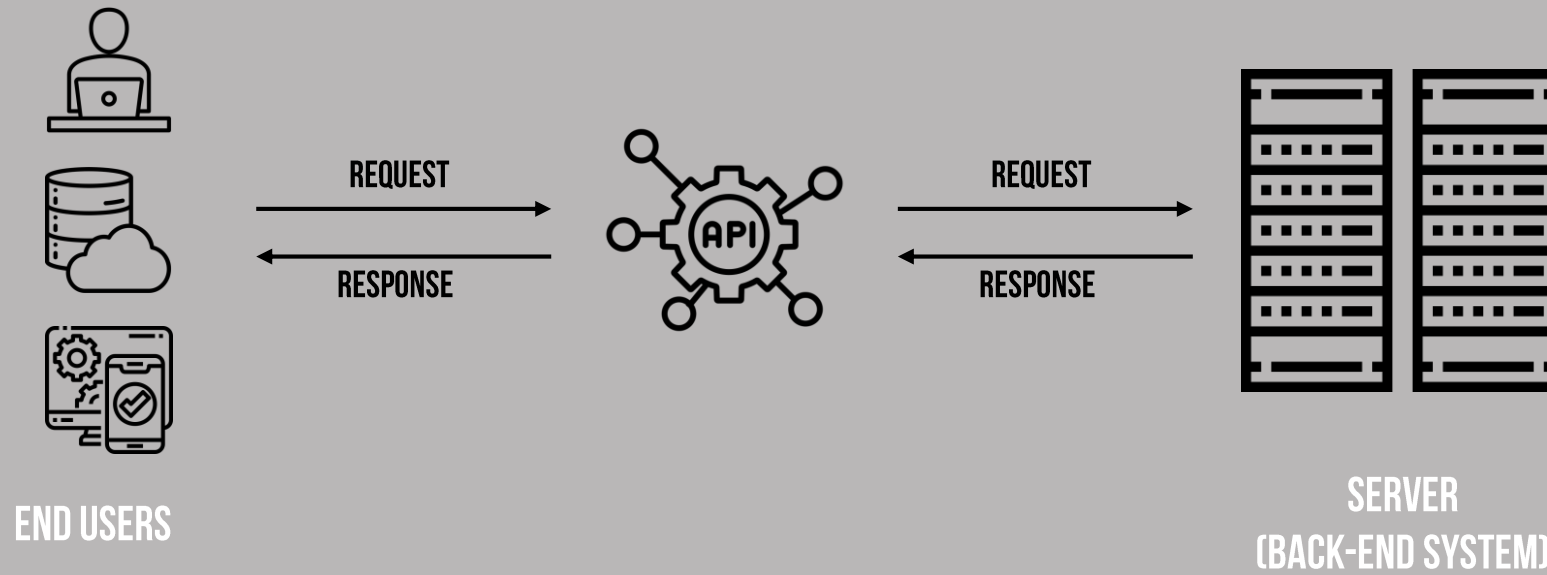
PRACTICAL CASES

MARIA DETS  
BUSINESS ANALYST, CBONDS

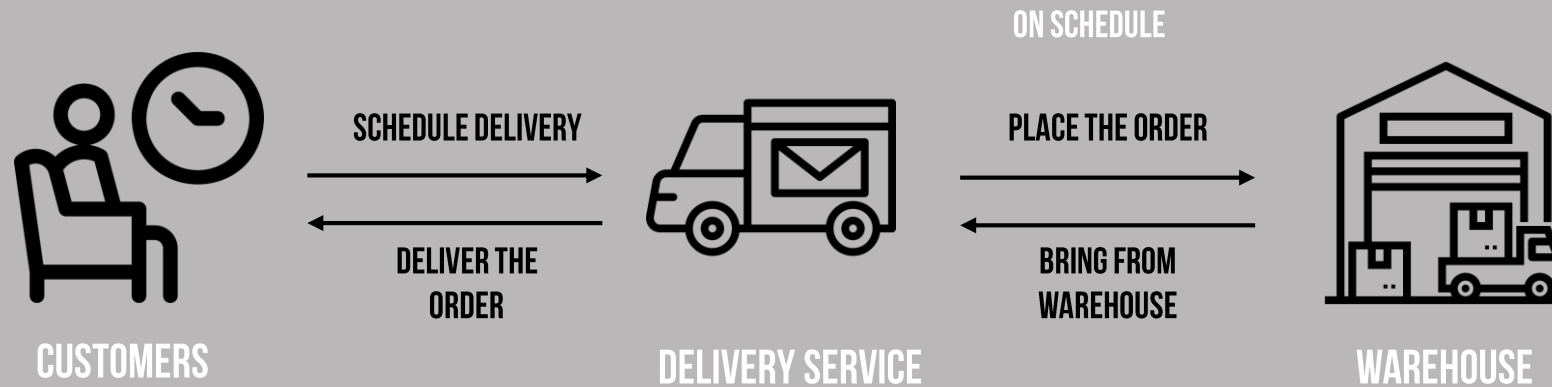
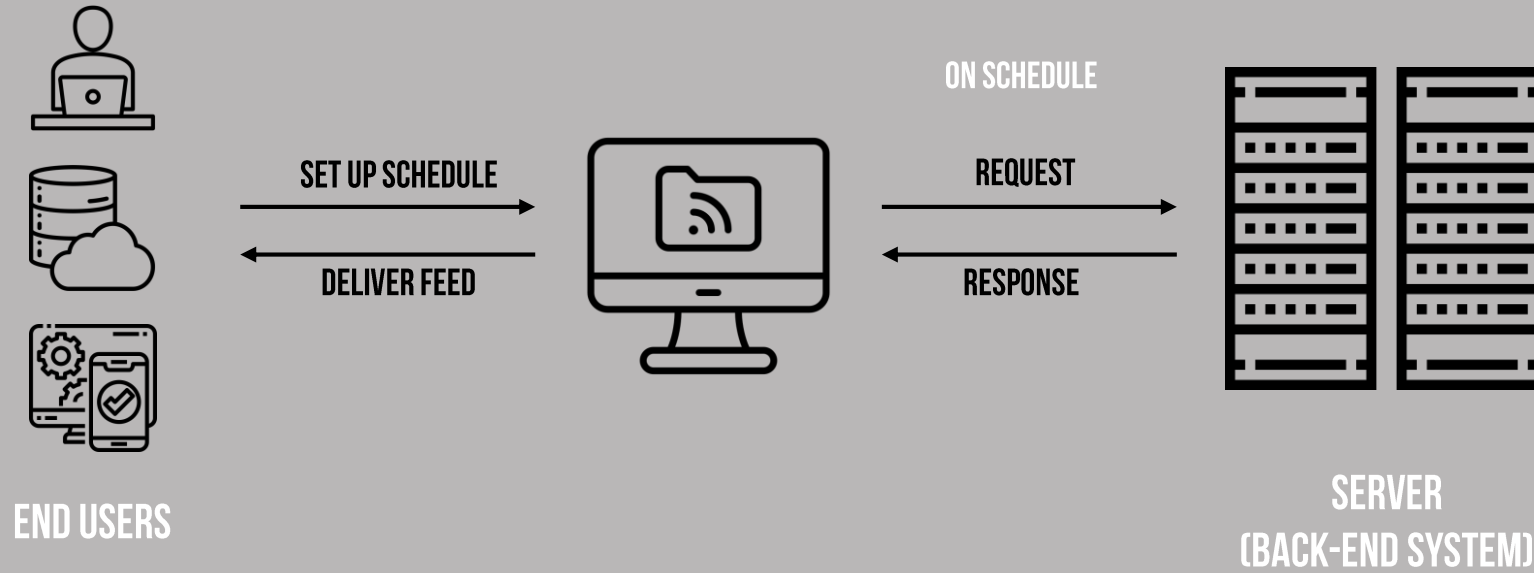
# OUTLINE

- 1. WHAT IS API AND DATA FEED?**
- 2. WHY IS IT CONVENIENT?**
- 3. HOW DOES IT WORK?**
- 4. WHO ARE OUR CLIENTS?**
- 5. PRACTICAL CASES**

# WHAT IS API?



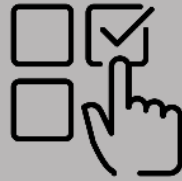
# WHAT IS DATA FEED?



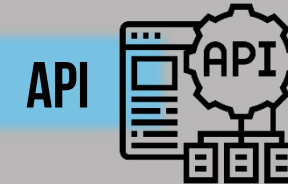
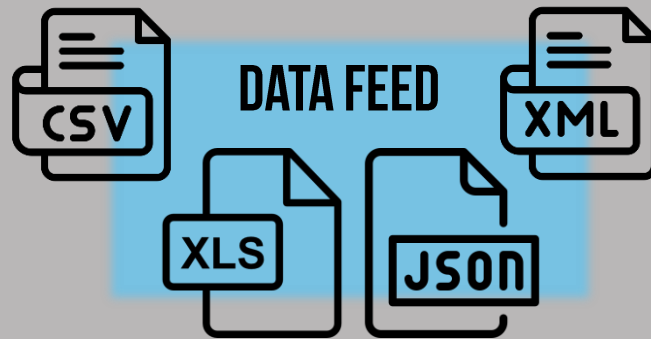
# WHY IS IT CONVENIENT?

- 1. ACCESS TO LARGE AMOUNT OF DATA**
- 2. HISTORICAL VALUES**
- 3. AUTOMATIC DATA LOADING**
- 4. CUSTOMIZED INTEGRATIONS**
- 5. FLEXIBLE AT ADDING NEW DATA**
- 6. QUICK SET UP**

# HOW DOES IT WORK?

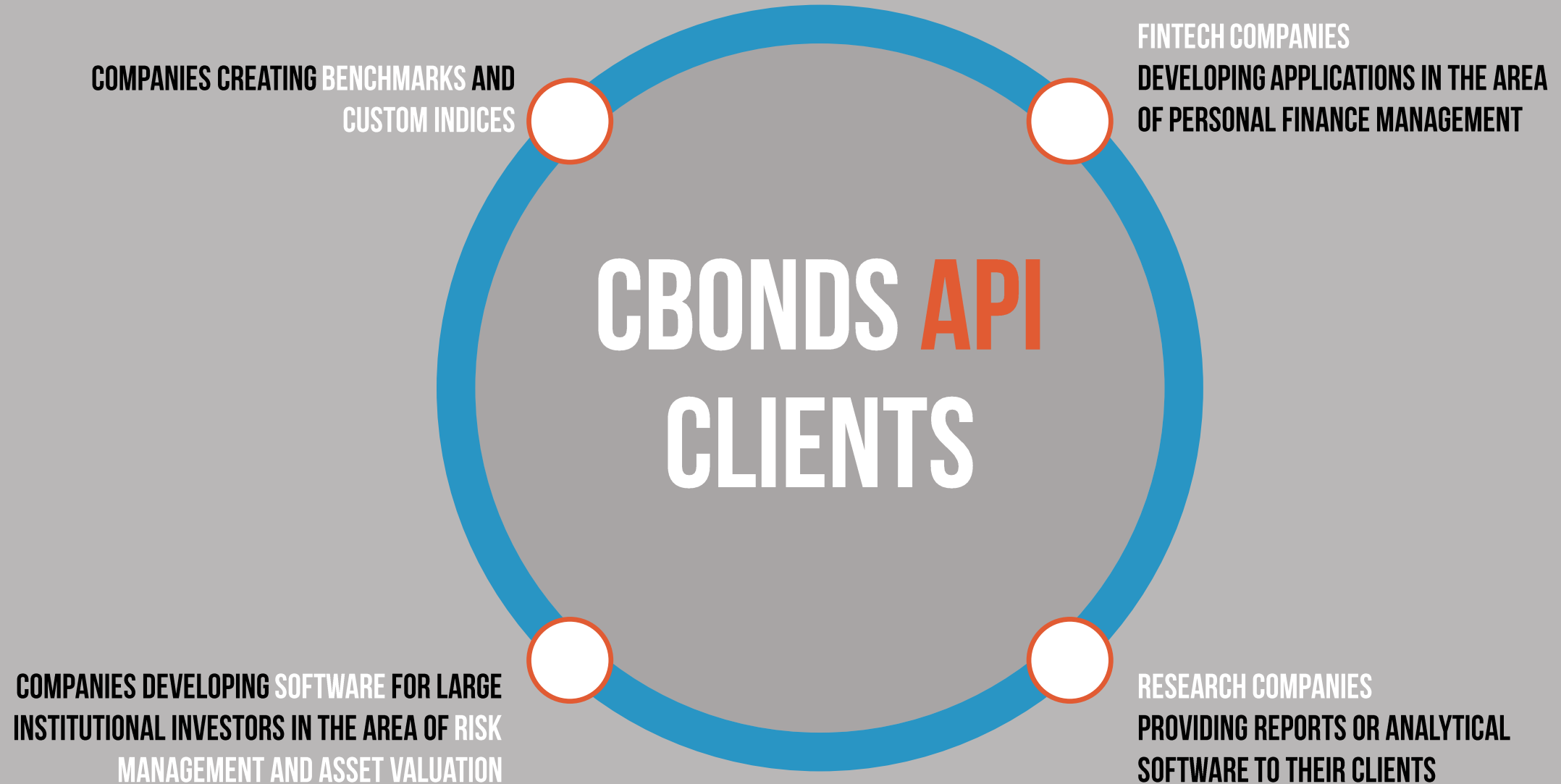


**1. YOU CHOOSE THE FORMAT AND DATA**



**2. WE SET UP ACCESS WITHIN ONE DAY**

# WHO ARE OUR CLIENTS?



# PRACTICAL CASES

## USAGE TYPES



### INTERNAL USE

- ACCOUNTING
- REPORTS
- PORTFOLIO ASSESSMENT

### RAW DATA

- APP INTEGRATIONS
- DATA VENDORS

### DERIVED DATA



# PRACTICAL CASES

## PERSONAL RISK, ASSET MANAGEMENT SERVICE

### EQUITY

DESCRIPTIVE DATA

CORPORATE ACTIONS DATA

PRICING DATA

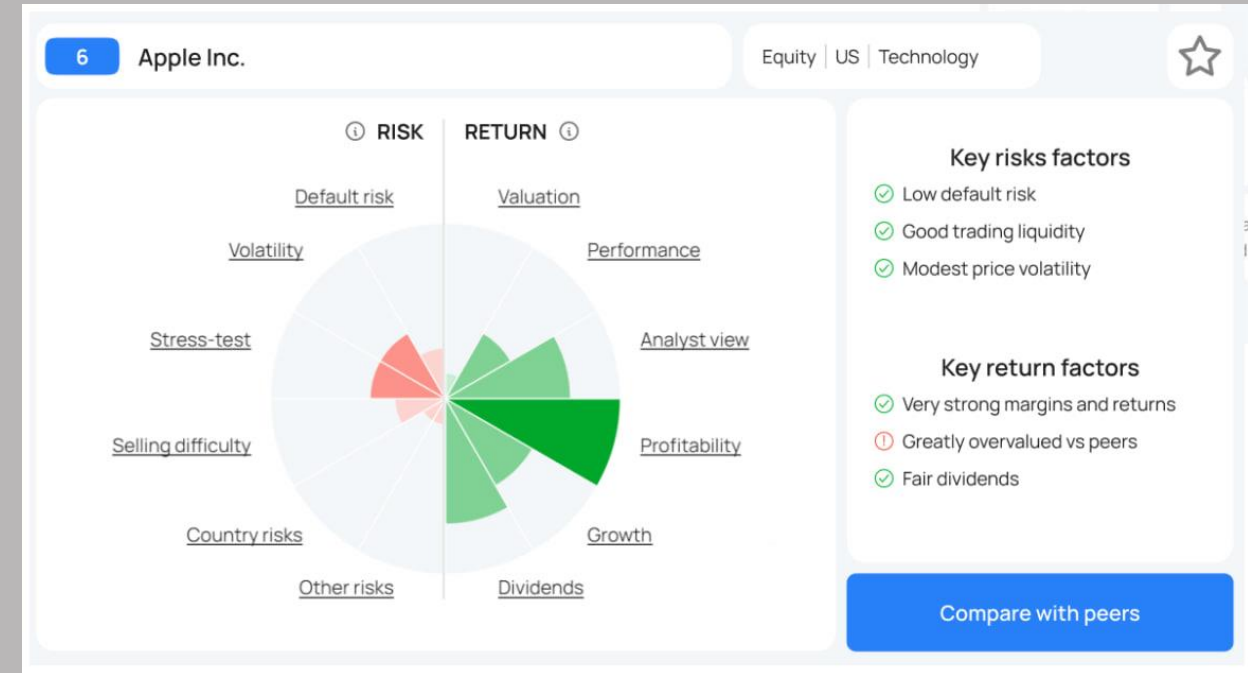
CBONDS API

CLIENT'S DATABASE

OWN DEVELOPMENT OF CROSS-ASSET METHODOLOGY:  
EACH ASSET IS PRESENTED AS 12 RISK & RETURN FACTORS

EACH ASSET HAS A RESULT SCALE POINT

RESULT: EASY TO COMPARE ALL INSTRUMENTS WITH DAILY  
UPDATES OF MARKET INFORMATION



# PRACTICAL CASES

## RESEARCH AND ANALYTICS. ADVISORY PLATFORMS

**BONDS**

**CORPORATE ACTIONS DATA  
PRICING DATA**

**CBONDS API**

**CLIENT'S DATABASE**

**METRICS THAT ARE UNIQUE TO THE MARKET CALCULATED**

**EACH PORTFOLIO HAS A REPORT WITH A NUMBER OF METRICS INCLUDING**

- **PORTFOLIO PERFORMANCE TO BENCHMARKS**
- **ESG ALIGNMENT**
- **PORTFOLIO CONCENTRATION RISK**

**RESULT: AGGREGATED RESEARCH FEEDS COMPILED FOR DIFFERENT LEVELS OF INVESTORS**

# PRACTICAL CASES

## ML USING HISTORICAL DATA

BONDS / STOCKS / FUNDS  
HISTORICAL PRICING DATA

CBONDS API

CLIENT'S DATABASE

SEVERAL ALGORITHMIC APPROACHES ARE BUILT  
TO PREDICT FUTURE TRADING

DIFFERENT APPROACHES ARE TESTED AND THE ONE WITH HIGHER METRIC IS SELECTED

RESULT: AGGREGATED RESEARCH FEEDS COMPILED FOR DIFFERENT LEVELS OF INVESTORS

## SHORT REGISTRATION FORM



**CBONDS API IS YOUR ONE-STOP-SHOP FOR  
DAILY UPDATED AND HISTORICAL GLOBAL  
MARKET DATA DELIVERED THROUGH  
RESTFUL API AND DATA FEED**

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