

# Moving Forward Together

THE PATH TO STANDARDIZED API ADOPTION



Global NaaS Event  
By MEF



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Console Connect

# Opportunity in the **API economy**

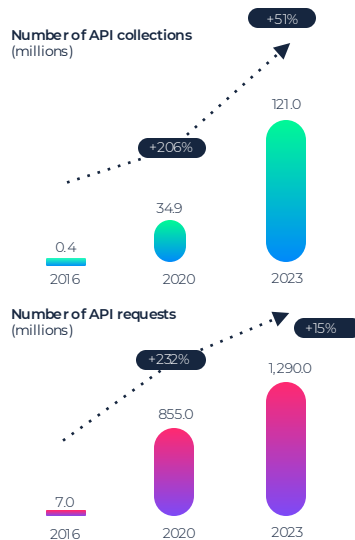
Unlocking billions in connectivity and edge revenue

The API economy is exploding, with network APIs poised to unlock significant new revenue streams. McKinsey predicts **\$100B-\$300B** in the next 5-7 years. This is your opportunity.

## Enablers of the API economy

- Growth in API standards
- API & automation integration
- Cloud-native architectures
- Open ecosystems
- New API-as-a-Service models

API growth trajectory is expected to continue **over next 5 years**:



Growth in the API market expected to be sustained

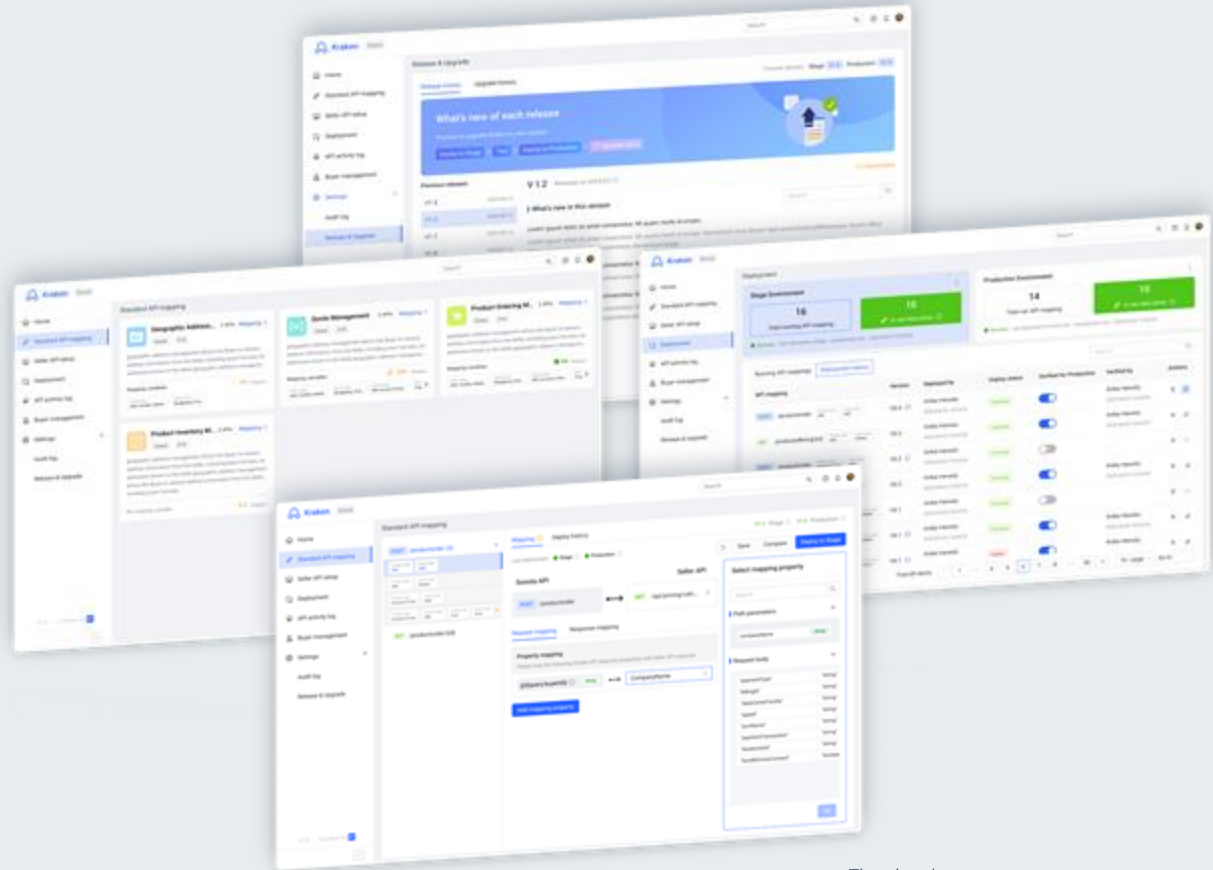
**50-60%**  
CAGR of the API-as-a-Service market from 2023-28

**20-25%**  
CAGR of the **Open** API market from 2023-2033

**20-25%**  
CAGR of the global **telecom** API market from 2023-2030

# Introducing Kraken

- A low code API mapping solution.
- Its core is an API mapping engine that translates between Source and Target APIs with totally different data structures
- The engine effectively acts as a bridge that allows disparate APIs to communicate effectively and seamlessly.

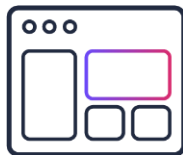


# Why Open Source?



## Fosters collaboration

An open licence fosters collaboration and accelerates development.



## Drives adoption

Lowering the barrier to adoption will accelerate LSO Sonata API utilization.



## Levels the playing field

Enabling all players to participate and innovate within the API economy.



## Collective effort

Delivers benefits to the entire ICT industry and value chain.

# A low code solution to **MEF LSO API**

- Geographic address management.
- Quote management.
- Product ordering management.
- Product inventory.

Geographic  
Address



Quote  
Management



Product  
Ordering



Product  
Inventory

# Kraken in action

A sneak peak of how it works...

The screenshot displays the consoleconnect interface with several key sections:

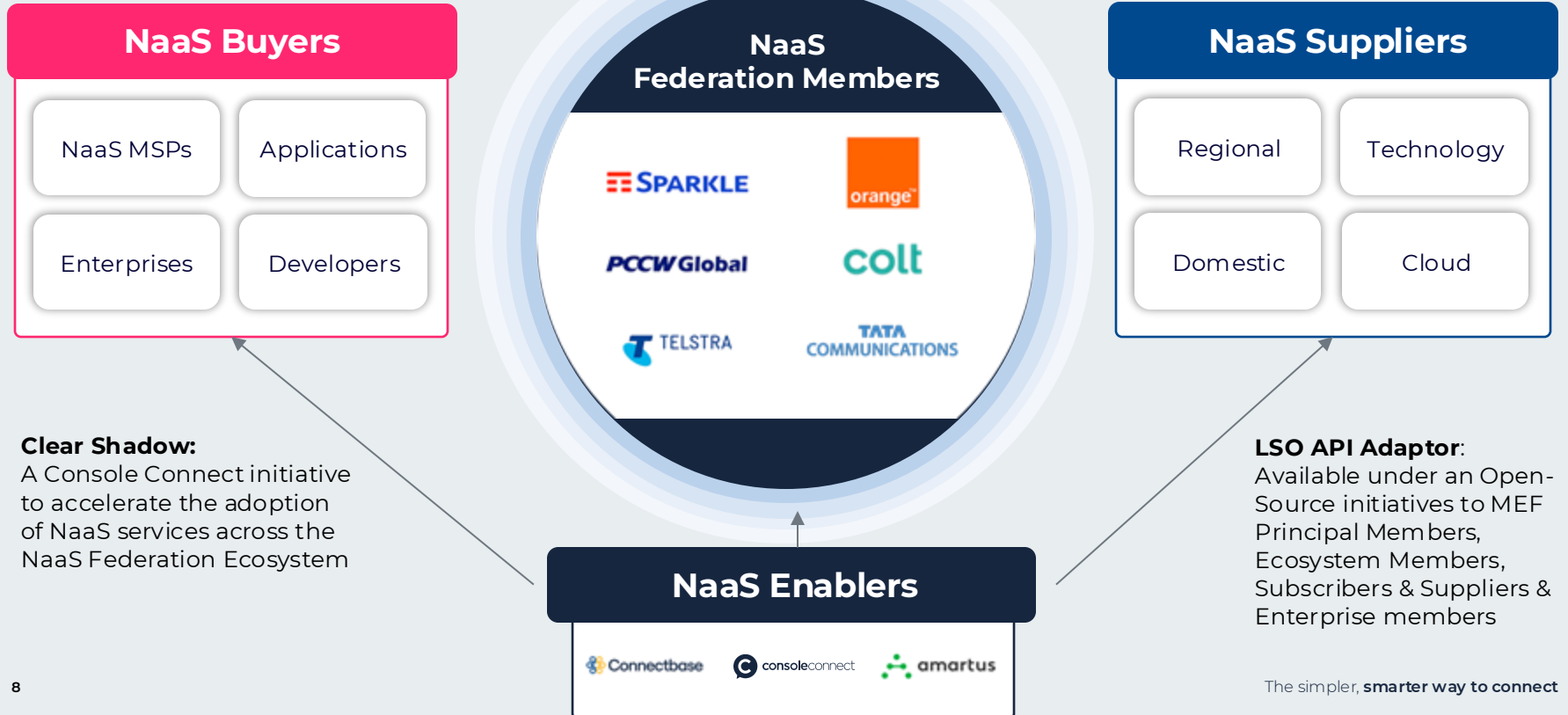
- What is LSO API Adaptor?**
  - An API mapping solution.
  - Its core is an API mapping engine that translates between Source and Target APIs with totally different data structures. The engine effectively acts as a bridge that allows disparate APIs to communicate effectively and seamlessly.
  - MEF** (Microservices Ecosystem Framework) is highlighted.
  - Benefits from LSO API Adaptor:**
    - Simplified API Integration
    - Flexibility
    - Monitoring and Analytics
  - Technical Architecture:** A diagram showing a Buyer interacting with a Data plane, which connects to a Seller API Service.
- How to experience API...** A sequence of four steps: 1. Connect, 2. Configure, 3. Test, 4. Monitor.
- Test Sonata Endpoint**
  - Endpoint: `POST /mefApi/sonata/productOrderingManagement/v10/productOrder`
  - Description: Creates a Product Order
  - Parameters:**
    - Name: buyerId, Value: demo-buyer-1
  - Request body:**

```

{
  "relatedContactInformation": [
    {
      "emailAddress": "buyer@ccc.com",
      "name": "buyer-0",
      "number": "100-111 2234",
      "role": "BuyerOrderContact"
    }
  ],
  "order": 1
}

```
  - Response:** (Empty)
- Easy mapping**
  - Endpoint mapping between Sonata and Seller legacy API
  - Sonata API:** `POST /productorder`
  - Seller API:** `PUT /api/company/companyId`
  - Request mapping:**
    - Unique identifier of the organization that is acting as the a Buyer.
    - Mapping: `@{[buyerId]}` → `@{[path.companyName]}`
  - Response mapping:**
    - Order State: `@{[state]}` → `@{[responseBody.status]}`
    - Mapping: `acknowledged` → `created`

# NaaS federation ecosystem



Find us on GitHub:



## Join the **movement**

- Be a part of the Kraken project.
- Contribute your expertise, collaborate with industry, and help shape the future of standardized network APIs.
- Join the Clear Shadow initiative to unlock the full potential of NaaS.





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