DIGITAL INTEGRATION PLATFORM
PLATFORM
MULESOFT POV

API ARCHITECTURE

Micro Services Classification

API Classification

Accessibility & Ownership

- App Dev
- LoB Dev/IT
- Central IT

Experience Layer: Innovation and digital products

Process APIs: Agility and new value creation

System APIs: Decentralized access to core assets

Frequency For Change

- 6 – 12 Months
- 3 – 6 Months
- 4 – 8 Months

SaaS apps | Mainframe | FTP, Files | Databases | Web services | Legacy Systems
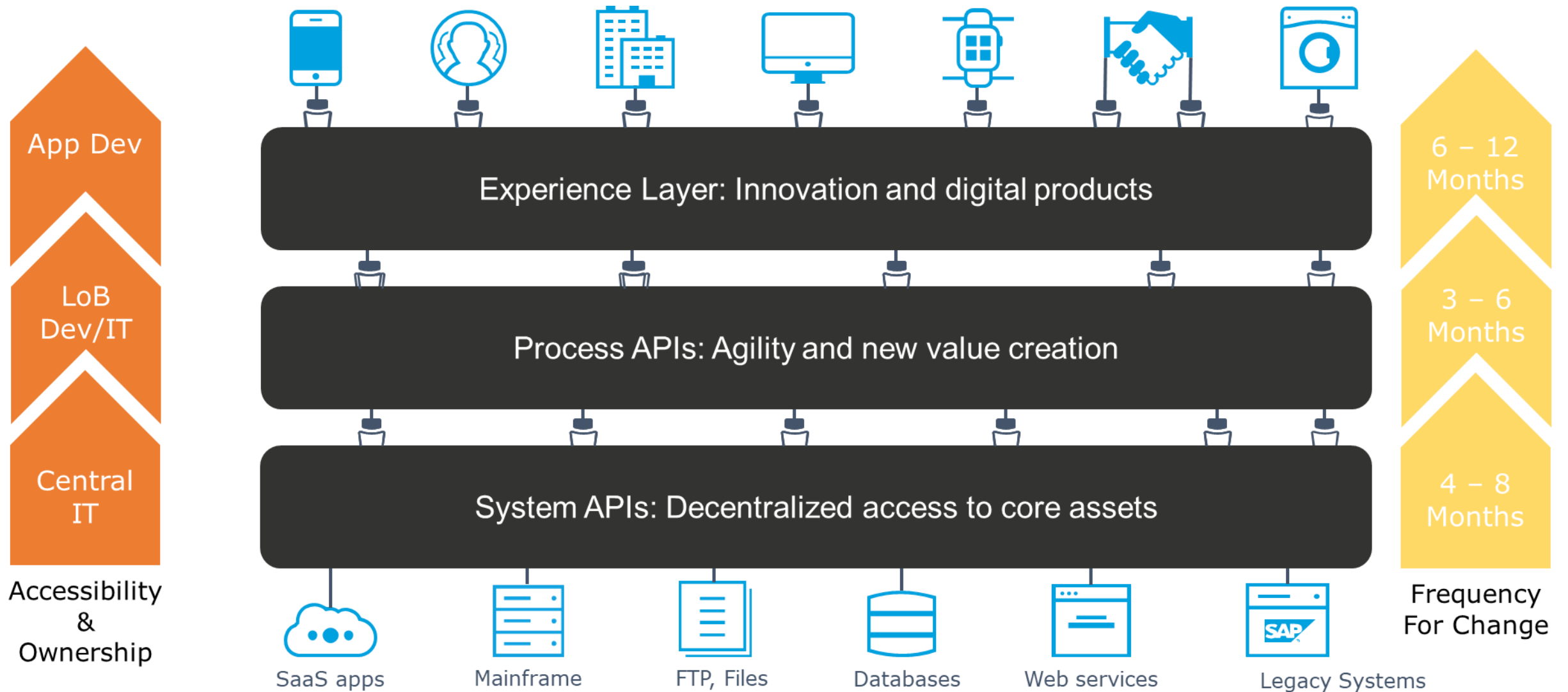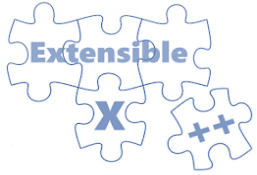
DESIGNING API

Design Approach

Characteristics to be followed
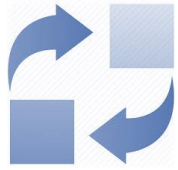
Extensibility

Highly Observable

Fail fast/ Isolate Failure

Replace-ability

Modeled around business domains

**Single Responsibility**

Same Technology Base

One Operator

Statelessness

Comparison between API Gateway

| Application / Features	MuleSoft	Apigee	Oracle Service Bus	Dell Boomi	WSO2ESB	TIBCO
Cloud /On Premises	Yes	Only Cloud	Yes	Yes	Yes	On Premises
Server	Runtime Manager	Apigee edge	Runs on Weblogic Server	BOOMI ATOM	WSO2ESB Server	ActiveMatrix BusinessWorks
GUI	Drag & Drop Feature	Simple UI for API Config	Not Developer Friendly	Drag & Drop Feature	Simple UI for API Config	Simple UI for API Config
Documentation	Very Good	Good	Not Good	Very Good	Not Good	Good
API Management	Onboard process is easy	Complex	Complex	Onboard process is easy	Onboard process is easy	Less Complex
Monitoring	Available for Cloud	Third Party Tool required	Need to develop with JMX	Similar to Mule	Required API Manager	Required Exchange Manager
Language Support	Java, Python	Not for Development	Java	Not for API Development	Java support for Configuration	Java

API Gateway : Mule soft
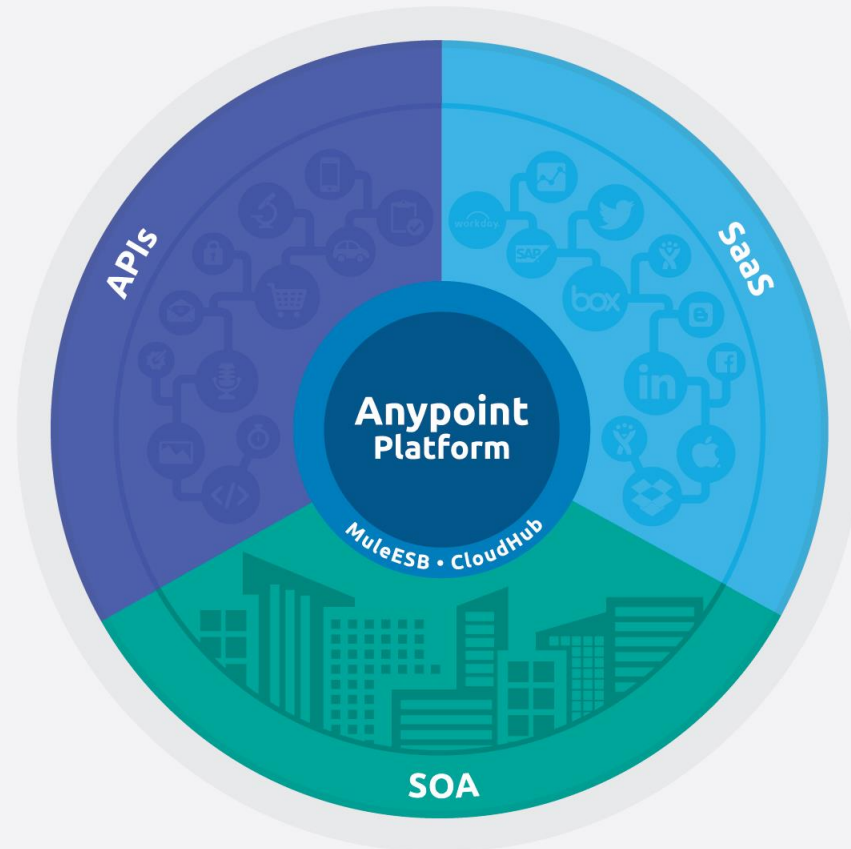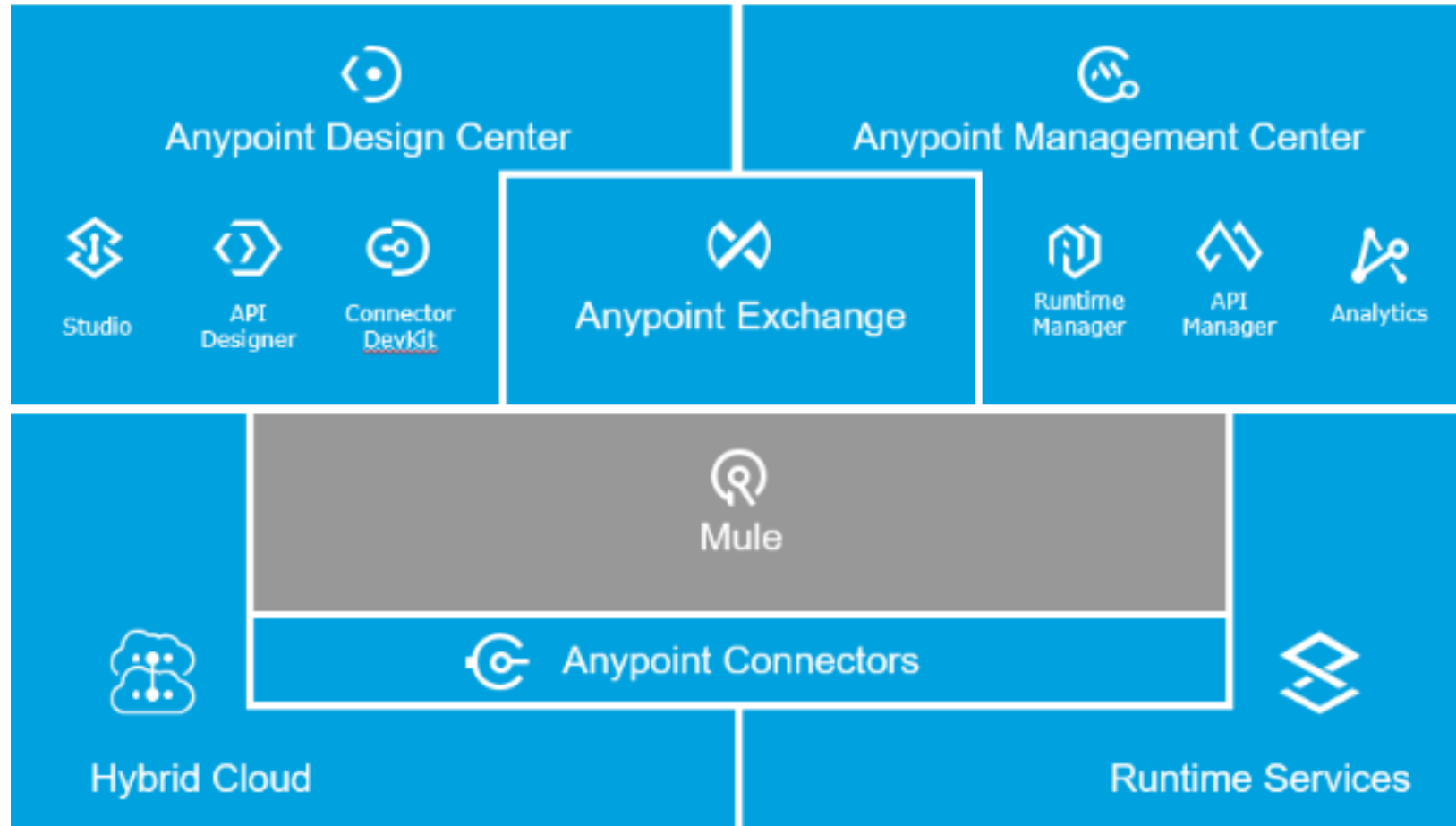
API Gateway : Mule soft - API
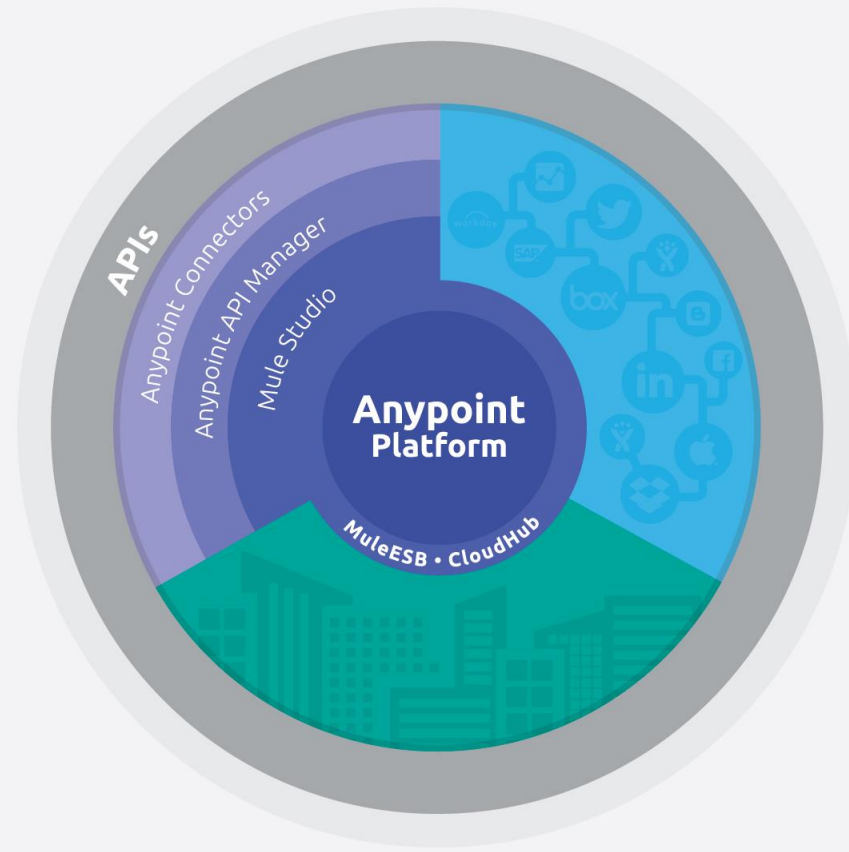
API Gateway : Mule soft - SAAS
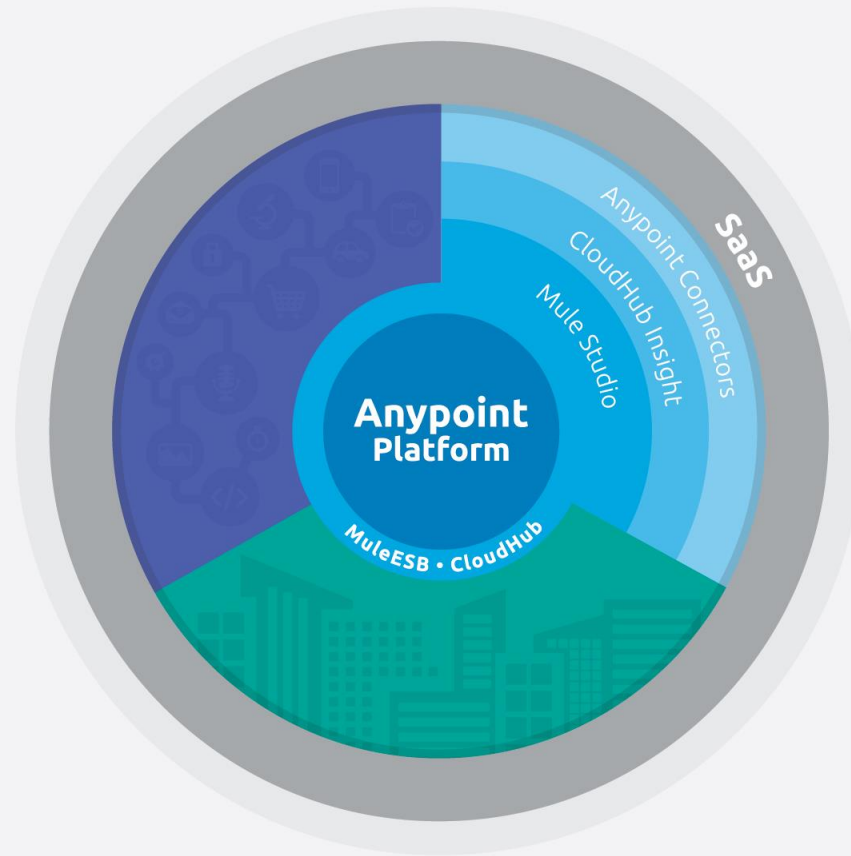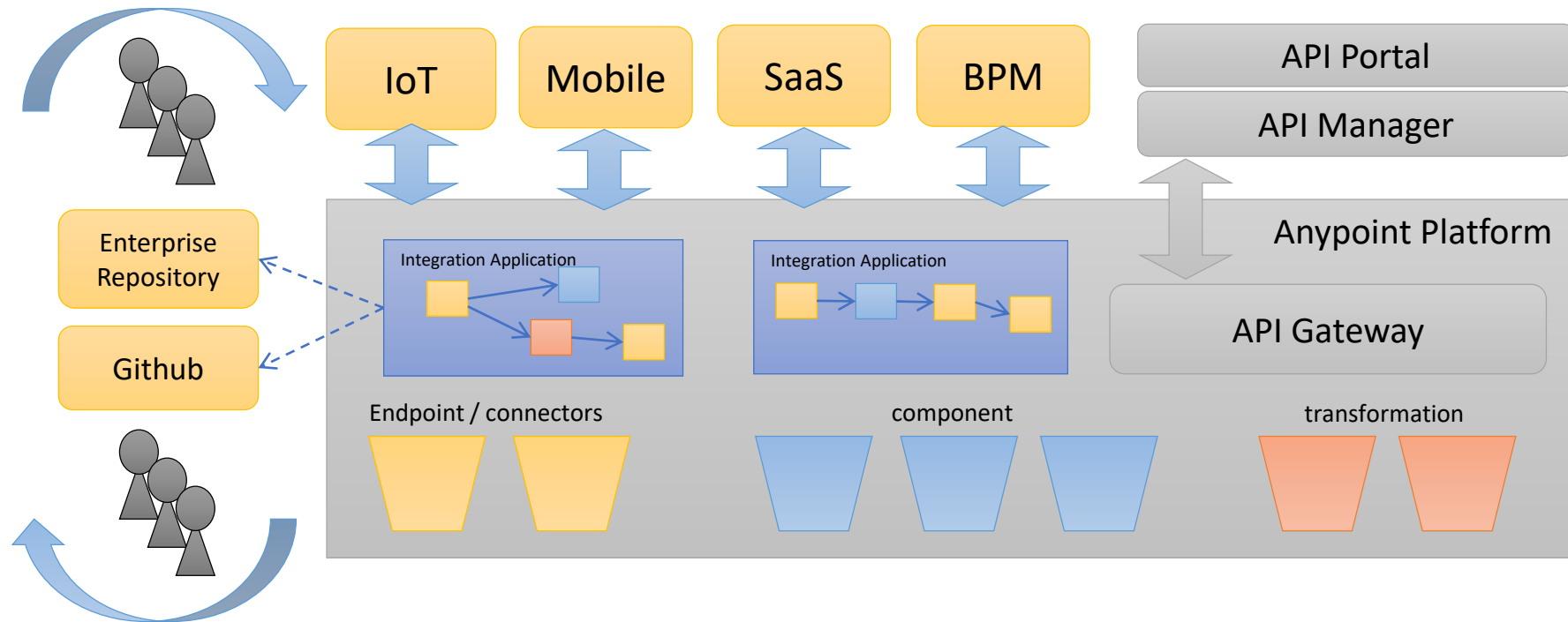
API Gateway : Mule soft - SOA

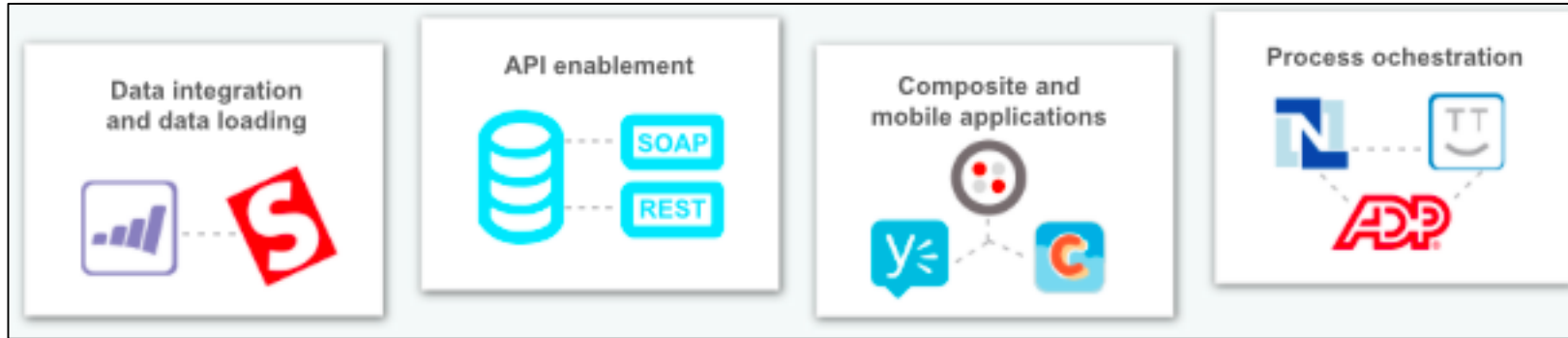# MuleSoft Anypoint Platform at a Glance

Mule Soft's Any point Platform

- Deliver SOA integration, without the SOA complexity

- Run SOA projects like any application project

- Bring business deciders to use "**Integration Applications**" or "**Micro-Applications**", with clear functional scope, not "**Services**" with either too fine-grained or not enough functional scope

- Use SCRUM Methodology to bring agility to enhance "Integration Applications"
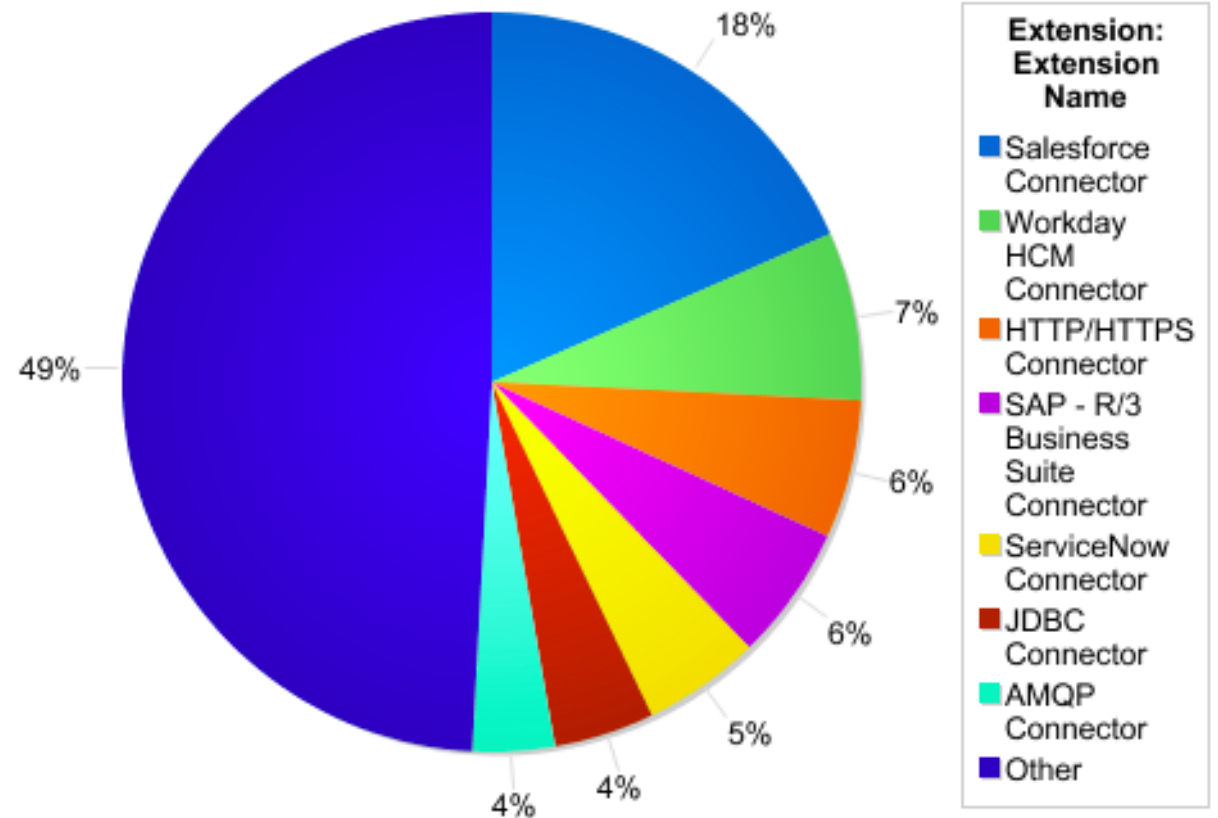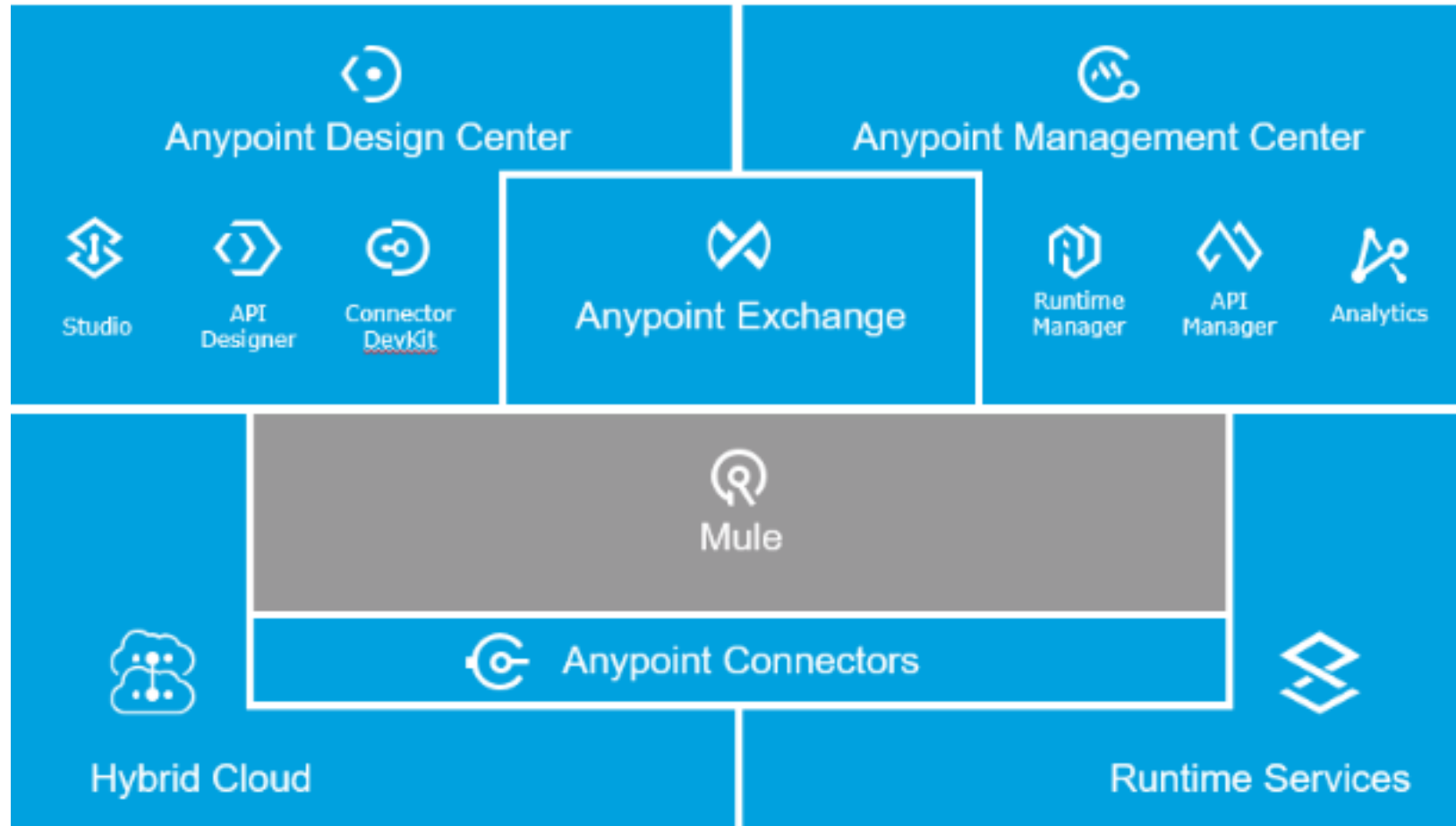
Integration Platform as a Service: CloudHub

- Cloud Connectors
- Integration Application Templates
- Multi-tenant runtime engine
- Cloud Connector Toolkit

- Common Integrated Development Environment
- Secure Data Gateway
- Operations Center
- Operational Dashboards

Mule Soft Connectors

- Pre-built Connectors
  - Salesforce.com
  - Workday
  - ServiceNow
  - SAP
  - Siebel
  - Oracle
  - 120+
- REST/SOAP Connectors
- Custom Connectors with DevKit

Extension: Extension Name

- Salesforce Connector — 18%
- Workday HCM Connector — 7%
- HTTP/HTTPS Connector — 6%
- SAP - R/3 Business Suite Connector — 6%
- ServiceNow Connector — 5%
- JDBC Connector — 4%
- AMQP Connector — 4%
- Other — 49%

MuleSoft Anypoint Platform at a Glance

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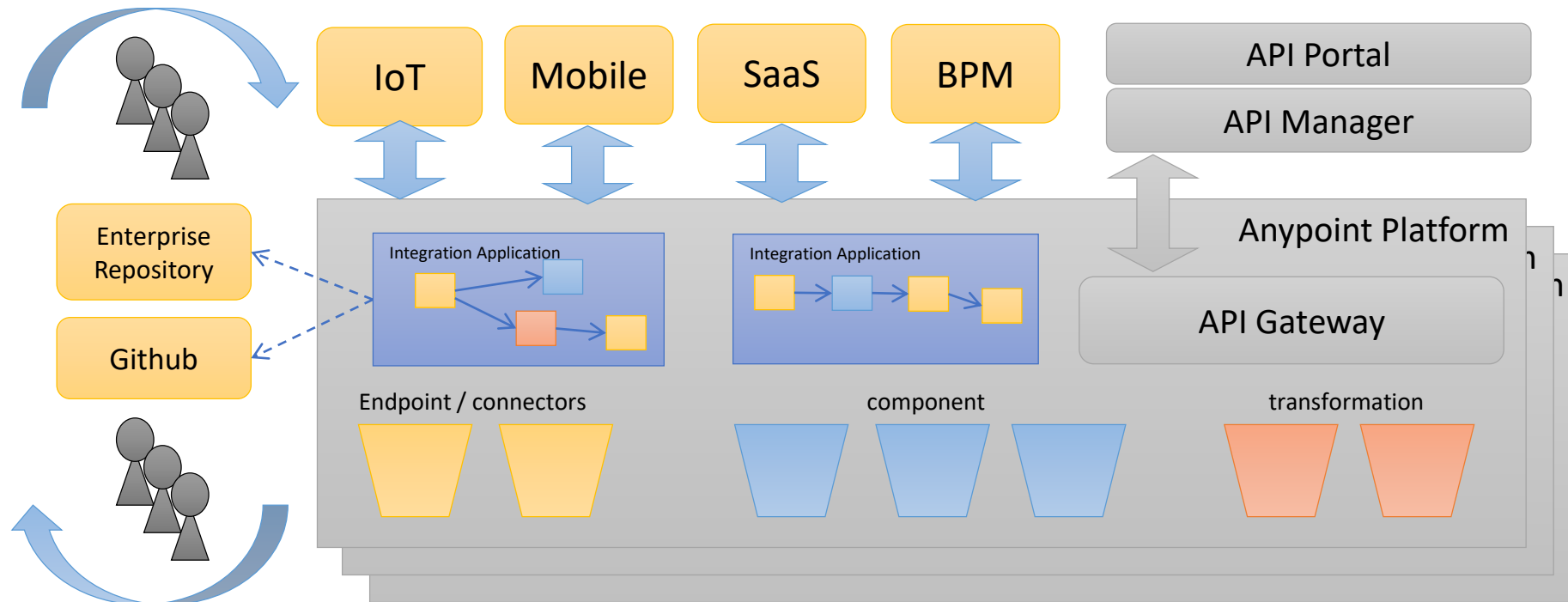
Anypoint Platform Licensing

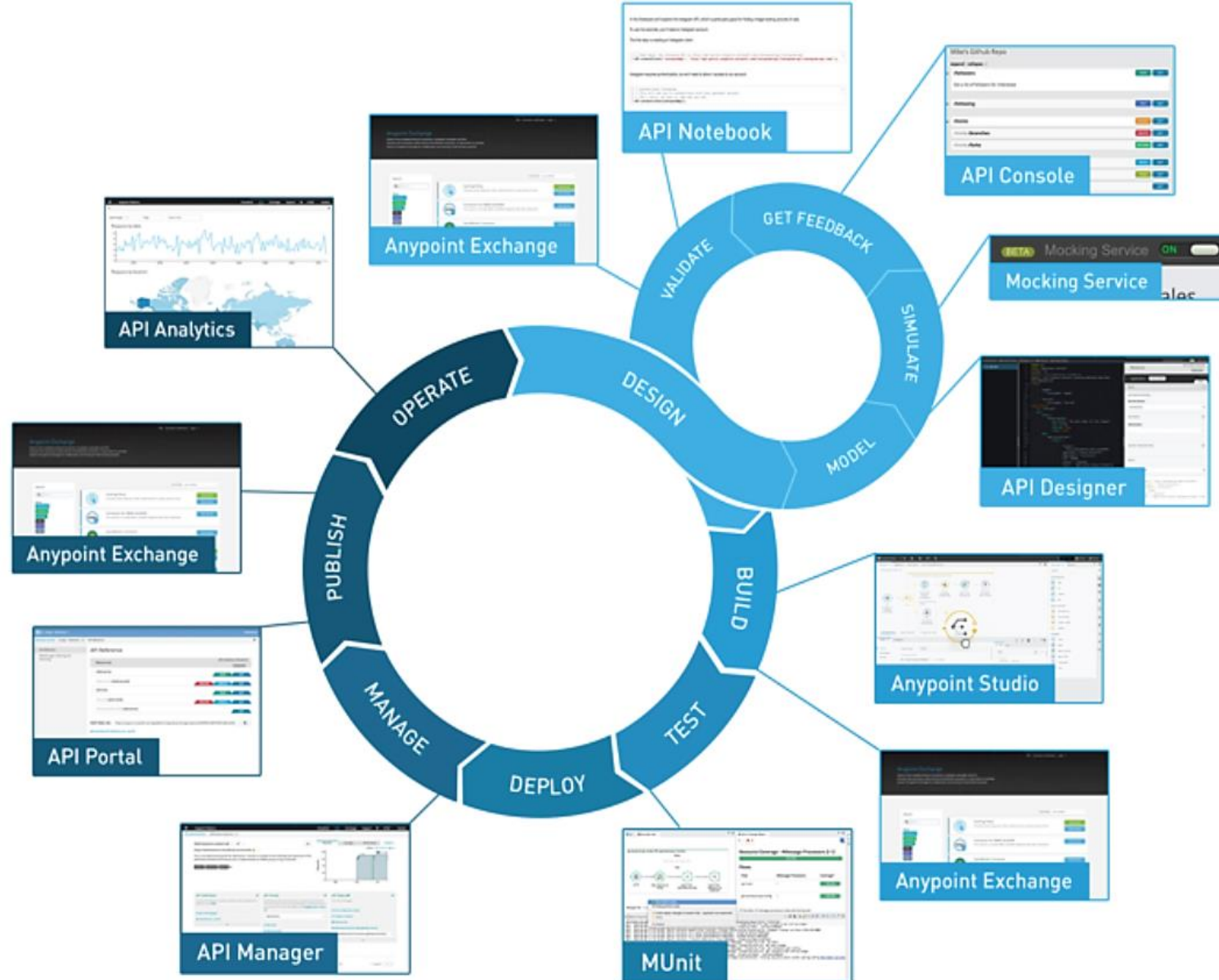| Community Edition Open Source = No License Fee	Enterprise Edition Licensed by Core (on-prem) or Worker(iPaaS)

Community Edition

- Open source runtime
- Deployment options
  - On-premise
- Connector Library
  - Community connectors
- Anypoint Studio
- Community Support

Enterprise Edition

1. Open source runtime
2. Deployment options
   1. On-premise
   2. iPaaS (CloudHub)
   3. Hybrid
3. Connector Library
   1. Community connectors
   2. Select connectors
   3. Premium connectors
4. Anypoint Studio
   1. DataWeave
   2. Debugging
5. Enterprise Capabilities
   1. API Design and Management

2. Enterprise Security
3. High Availability
4. Caching and transaction support
5. Batch processing
6. Healthcare Toolkit
7. System management consoles
8. B2B/EDI
9. Analytics

6. MuleSoft Support

Microservices Lifecycle With Mule Soft

THANKS