HCL`s Dell Boomi Case Studies

Case Study 2 – Leading EU Energy Supplier – Boomi Atomsphere Integration Platform

The client: Helping one of Europe's leading electric utility company (operating in 30 countries) which through its digital transformation program has embarked on a journey to become number one digital energy provider.

Business/Technical Objectives

- Provide a common guiding direction in accomplishing client's strategic objective of having a robust Integration platform.

- Better visibility & flexible access to the information was key for the transformation to be successful. Enable this through secure API's.

- Design, build, enhance and support integration interfaces and API's which complies to laid down security standards, compliances, promotes re-usability and ensure optimal connection usage for Dell Boomi Connectors, thereby reducing costs & enabling quicker TTM.

Tools and Technologies

- SAP

- Dell Boomi Atmosphere

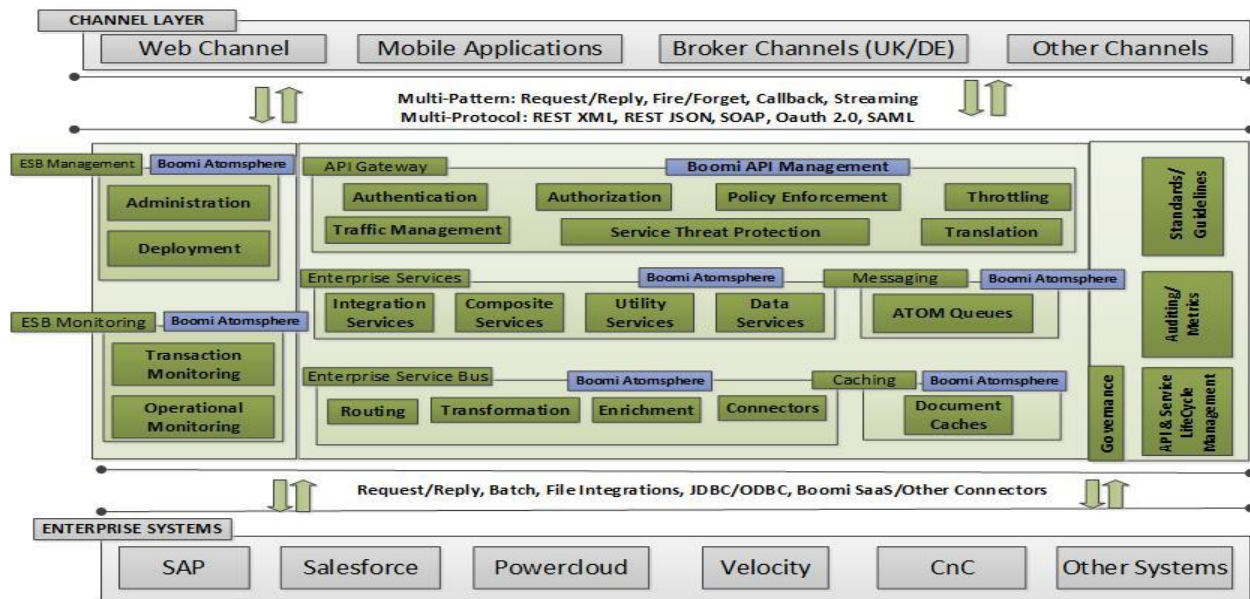- Salesforce

- Gentrack Velocity, Power cloud and many more

Key Integration Solution Tenets

API Led Connectivity	Security & Access Control	API Analytics	Throttling & Rate Limiting
Hybrid Deployment Options	Monitoring Dashboards	Multi Cloud Integrations	Modularity
Optimal Connection Usage	Reusable components	Governance	Scalability

Case Study 2 – Leading EU Energy Supplier – Integration Architecture

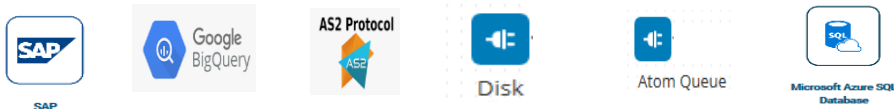Details & Benefits

Scale Of Implementation

- ❖ 5 Environments with 3 Atoms Each

- ❖ 10-15 different application or technology connectors have been leveraged.

- ❖ 15-20 different and diverse systems have been integrated through the platform

- ❖ 100 plus API's, ~50 connector licenses, 4000000 API hits/month handled by the platform

Reusable Components & Frameworks

Re-Usable Components and frameworks created for following objectives:

- ❖ Blowfish Encryption/Decryption

- ❖ Logging & Error Handling Framework for various channels & systems.

- ❖ Splunk Logging

- ❖ Routing to handle DE and UK Country Specific Requests

- ❖ Authentication and Authorization

Connectors Leveraged

Benefits

- ❖ Developed API's for reusable entities to ease data exchange between systems and Leveraged Boomi's API Management module to enforce policies on API's to comply with E.ON Security standards.

- ❖ Built re-usable components to speed up onboarding of new API's and services and designed to ensure reuse of Connectors thereby resulting in time and cost saving.

- ❖ Reusable components provide initial bootstrapping for the developers to kick start their development activities thereby **reducing development effort by minimum 20%**

- ❖ Increased efficiency and reduced time to market. Reduced overall cost to develop integrations