

A NETSUITE CHAMP!

RELIABLE, SEAMLESS AND COST-EFFECTIVE
NETSUITE INTEGRATIONS



Product Overview

Excelym.IO is an iPaaS/Integration Platform as a Service solution built and delivered by Excelym. The platform supports a variety of integrations from eCommerce & 3PL platforms, to other market leading applications such as Salesforce and Concur. The solution is fault tolerant, robust, and vetted from years of development and usage by our customers.

The platform uses "Connectors" in integrating NetSuite with other systems. A Connector is similar to endpoints but used more specifically to refer to systems to be integrated. These systems always come in pairs from one API end to the other (e.g. NetSuite to/from Salesforce).

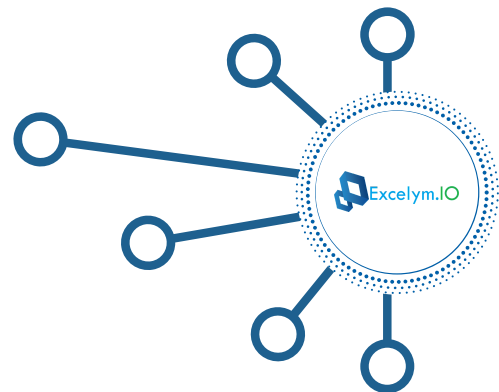
Benefits of a "Connector" Approach

The platform's iPaaS subscription already covers the platform license and maintenance support costs. Having been designed for optimum scalability for all business sizes, Excelym.IO does not offer subscription plans which commonly set a limited or specific number of endpoints. Therefore, customers will only have to pay for the number of Connectors that are actually in use. So it's totally cool to start even with a single basic or complex connection. Excelym.IO also does not set usage limits nor charge per usage threshold unlike other products.

The advantage of a "Connector" framework is that it gives more flexibility on how many systems to integrate and its associated costs. Having a rigid integration plan or pricing package typically limits integrations to a predefined set of endpoints allowed for usage. Customers may not be able to fully maximize their subscription plan as they only have few systems to integrate or be forced to upgrade to a higher integration plan if they run out of allowed endpoints.

Design Advantage

The platform is specially built and designed for financial systems. Picture it in a hub-and-spoke distribution model where Excelym.IO is the center or hub. But this specialization doesn't mean that its functions are rigid and fixed as Excelym.IO knows that customers don't need everything right away. The platform infrastructure appreciates the changing project requirements and is capably ready to adopt to it. This is a design attribute which allows for a lightweight implementation giving customers a guaranteed project timeline adherence.



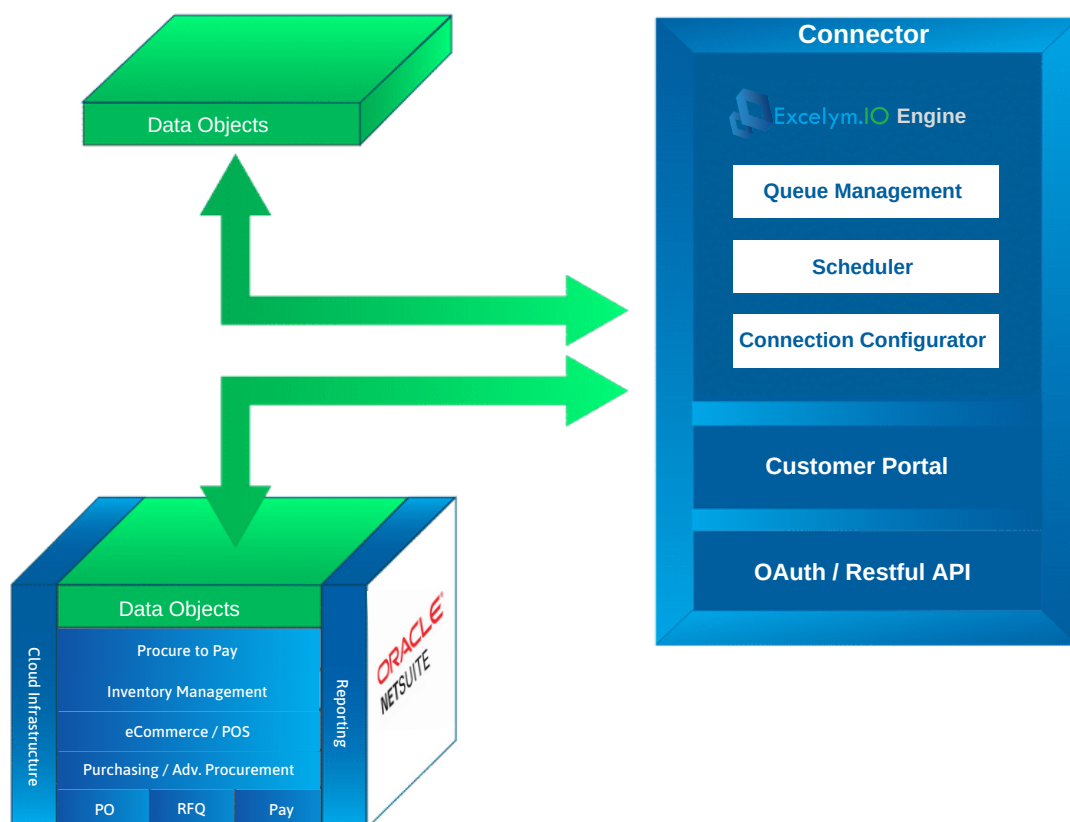
Data Objects

It has been covered that Excelym.IO uses Connectors in integrating NetSuite with other systems. A single connector refers to a pair of systems to be integrated. But included in each Connector are Data Objects or the items to be integrated from one system to another following the project requirements. The Data Objects are classified from the nature of its masterlist, whether they are:

- **Standard Data Objects**
(e.g. SF Accounts & NS Customers, SF Products & NS Items)
- **Transactional Data Objects**
(e.g. SF Opportunities & NS Sales Orders)

Excelym.IO in Action

The diagram below shows how a Connector works in a typical NetSuite integration with other systems like Salesforce, Shopify and other major business softwares.



Below is an example of a common NetSuite integration.

Standard Data Objects



1. Items

Create, Edit, Inactivate

Transactional Data Objects



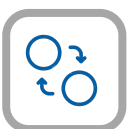
2. Sales Order

Create, Edit and Close



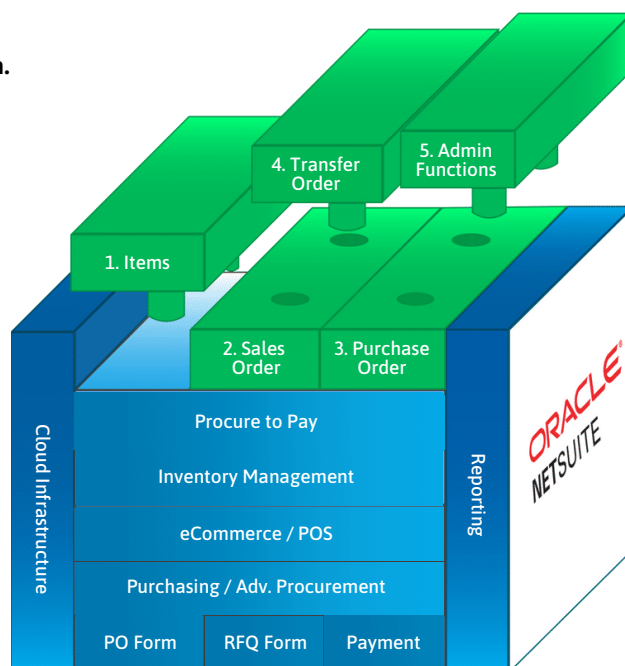
3. Purchase Order

Create, Edit and Close



4. Transfer Order

Create, Edit and Close



The data objects (in green figures), as shown above, are bolted into NetSuite. In this example, the "Connector" uses one (1) standard data object and three (3) transactional data objects. Each data object also has its feature functions enabled upon integration.

Security Features

In order to preserve the integrity of data integration and provide robust security for user management and data transmission, Excelym.IO implements multiple security and redundancy layers and features.



User Management Portal

The platform offers a fully featured user management portal for interfacing to the Excelym.IO console. This is an application specific login and password function for administering Excelym.IO.

Every transaction is over SSL encrypted connections. SSL encryption is setup upon installation into the AWS infrastructure environment and is using bank level encryption standards for access.



Application Whitelisting & Security Groups

Excelym.IO sits on top of industry standard AWS infrastructure. Being installed in the AWS environment, the customer's and Excelym's IPs or IP ranges are whitelisted to prevent other entities from accessing the login screen itself. This protects against brute force and denial-of-service attacks.

Application security groups are also implemented to prevent unwanted service port communication to various layers of the product architecture. These measures are all considered as best practice in AWS.



Connection User Management

API connectivity is at the core of Excelym.IO. Industry standard communication is implemented with OAuth 1.0 and OAuth 2.0 depending on the origin and destination systems. NetSuite typically implements OAuth 1.0. While all communication is secured of SSL encryption.



AWS Infrastructure

A substantial amount of infrastructure security is gained with Excelym.IO's deployment to the AWS environment. AWS IAM (Identity and Access Management) is utilized to gain access to the infrastructure hosting the application.

Because Excelym.IO is deployed to customer specific infrastructure, the following gains are present:

1. IAM allows for Multi-Factor Authentication and protection of the services and communications.
2. Login is present and available with both AWS Cloud watch and Cloud trail.
3. Application communication is secured with AWS Security Groups and whitelisting.
4. SSL and its implementation can be gated behind an ELB or on the server itself for port 443 communication.
5. Data is completely secured and native to the customer's own AWS account so that no risk with cross client data leakage occurs.

For more information email us or call our hotline number. Get a two hour free business advisory and more exciting offers!

