SITC NetSuite Integration

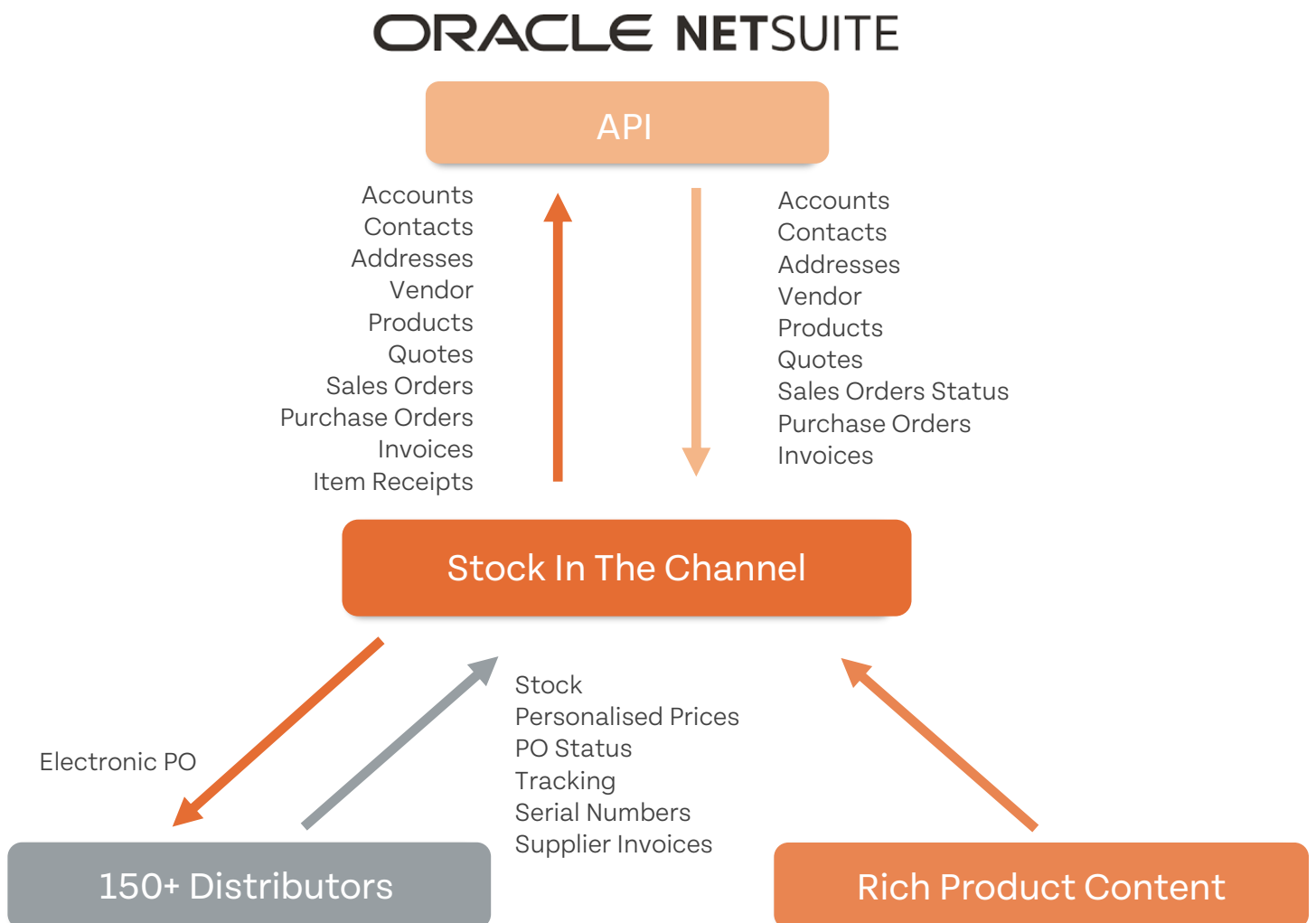# Table of Contents

Stock in the Channel

Introduction

Stock In The Channel have designed and developed a proxy that sits between SITC and many of the most popular CRM/ERP systems in order to easily synchronize data. These systems include MS Dynamics CRM, Navision, Great Plain, Xero, Autotask and Magento – we've delighted to now offer our Netsuite integration.

In this document we are going to explain the integration that we designed between Stock In The Channel and Netsuite APIs.

The integration is for synchronizing Accounts, Contacts, Addresses, Products, Quotes, Sales Orders, Purchase Orders, Item Receipts, and Invoices.

ORACLE NETSUITE

API

Accounts	Accounts
Contacts	Contacts
Addresses	Addresses
Vendor	Vendor
Products	Products
Quotes	Quotes
Sales Orders	Sales Orders Status
Purchase Orders	Purchase Orders
Invoices	Invoices
Item Receipts	

Stock In The Channel

Electronic PO

Stock
Personalised Prices
PO Status
Tracking
Serial Numbers
Supplier Invoices

150+ Distributors

Rich Product Content

Integration

We are using SuiteTalk SOAP Web Services platform provided by NetSuite to access data and business processes.

- SOAP encoded web services
- HTTPS Transport

SOAP Web Services Setup

For Stock In The Channel to be able to connect to NetSuite, the following features must be enabled in Netsuite:

Netsuite web services feature

Setup > Company > Enable Features > SuiteCloud subtab > Check the SOAP Web Services box > Save
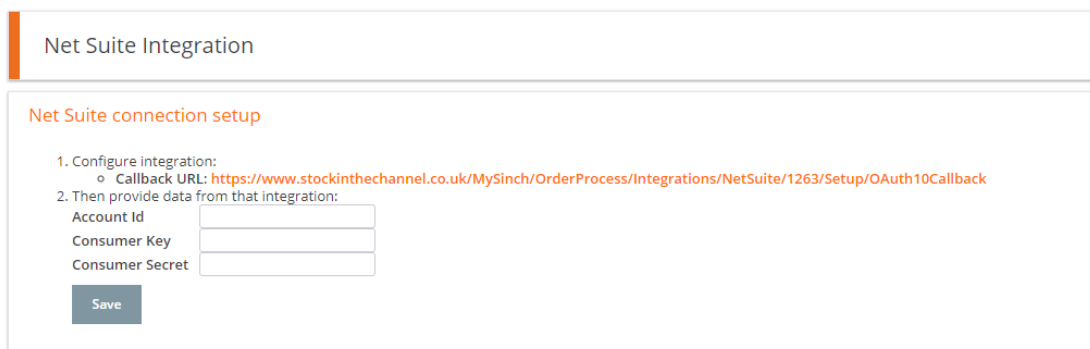
Show Internal IDS preference

Home > Set Preferences > General subtab > Defaults section > click Show Internal IDs

Add Integration Record

An integration record must be added for the SITC integration.

Setup > Integration > Manage Integrations > New > Enter a Name > Check Token-Based Authentication > Enter Callback URL > Save > Copy the Customer Key / Client ID and Customer Secret / Client Secret to SITC setup page.

Account Id, Customer Key and Secret will be use on SITC-NetSuite setup page on Stock In the Channel.

Permissions

The User who will set up the integration must have the following permissions:

- Contacts
- Customers
- Vendors
- Employees
- Employee Record
- Documents and Files
- Integration Applications
- Perform Search
- Find Transaction
- Items
- Bills
- Estimate
- Sales Order
- Fulfill Sales Order
- Invoices
- Invoice Sales Orders
- Item Fulfillment
- Item Receipt
- Purchase Order
- Receive Order
- Return Authorization
- Vendor Return Authorization

Entity Mapping

The integration between Stock In The Channel and Netsuite supports Customers, Contacts, Address, Vendors, Items, Estimate, Sales Order and Purchase Order.

Customer

SITC	Netsuite
ID	internalId
AccountNumber	entityId (search column)
Company	companyName
Currency	currency
Created	dateCreated

CreditAvailable	creditLimit - balance
CreditLimit	creditLimit
PrimaryContact	contact (search column)
PrimaryManager	salesRep (search column)
ShippingAddress	address with defaultShipping flag
SITCDefaultInvoiceAddress	address with defaultBilling flag
Telephone	phone
TaxExempt	taxExempt
Updated	lastModifiedDate

Address

SITC	Netsuite
Address1	addr1 (or addrText if empty)
Address2	addr2
Address3	Addr3
City	city
Company	addressee

Contact

SITC	Netsuite
AccountID	addr1 (or addrText if empty)
ContactCode	addr2
Created	Addr3
Email	city
Name	addressee
MobilePhone	mobilePhone
Phone	phone
ID	internalId
Updated	lastModifiedDate

Vendors

SITC	Netsuite
ID	internalId
Name	companyName
Updated	lastModifiedDate
0SupplierCode	entityId

Inventory Item

SITC	Netsuite
cost in order/quote line	cost
Product category	class
Product.Name	displayName
Product.BrandSku	itemId
Default	expenseAccount
Default e.g 4100	incomeAccount
Default e.g 5100	cogsAccount
Product.Brand	manufacturer
Product.BrandSku	mpn
Product.Description	purchaseDescription
Product.Description	salesDescription
config.taxCode	salesTaxCode
SITC Sub Category	CusItem_SITCCat
Product Type	Class

Estimate

SITC	Netsuite
ID	internalId
Account	entity.internalId
Contact	attached primary contact
Comments	memo
Created	createdDate

config currency	currencyName
DeliveryAddress	shippingAddress
DeliveryCost	shippingCost
DeliveryTaxRate	shippingTax1Rate
InvoiceAddress	billingAddress
OpportunityID	opportunity.internalId
PurchaseOrderNumber	otherRefNum
QuoteCode	tranId (only netsuite -> SITC)
Status	based on probability

Estimate Item

SITC	Netsuite
DistributorName	
DistributorId	
ItemCost	costEstimate (cost estimate type = custom)
ItemPrice	rate
LineNumber	line
Product.Name	description
Product.Description	description
Product.Sku	
Product.BrandSku	mpn from product search(netsuite -> SITC)
Product.Brand	manufacturer from product search (netsuite -> SITC)
mapped product id	item
Quantity	quantity
Sku	mpn from product search(netsuite -> SITC)
TaxRate	taxRate1
Product Type	class
Account Currency	currency
vendor	

Sales Order

SITC	Netsuite
ID	interna
Account	entity.internalId
mapped by category	class
Contact	customField
DeliveryAddress	shippingAddress
InvoiceAddress	billingAddress
Notes	memo
OrderDate	tranDate
PONumber	otherRefNum (SITC -> netsuite)
SalesRepID	salesRep.internalId (netsuite -> SITC)
SITCSalesOrderID	tranId
Status	orderStatus

Sales Order Item

SITC	Netsuite
DistributorName	poVendor.name (netsuite > SITC)
DistributorId	poVendor.internalId (netsuite > SITC)
ItemCost	poRate
ItemPrice	rate
Product.Id	item.internalId
Product.Name	item.description
Product.Sku	item.name
Quantity	quantity
Sku	item.name
mapped vendor id	poVendo
Bid Ref	Supplier Message
Calculated	GP(Formula)
	LOCATION (Based on drop ship)

	Cost Estimate Type(Private Feed is Average Cost if from Disti purchase Order Rate)

Purchase Order

SITC	Netsuite
ID	internalId
DeliveryAddress	shippingAddress
DeliverToAccount	shipTo.internalId
Notes	memo
OrderDate	tranDate
SalesOrderID	createdFrom.internalId
Status	orderStatus
Supplier.ID	entity.internalId
Supplier.Name	entity.name
Updated	lastModifielDate

Purchase Order Item

SITC	Netsuite
Sku	vendorName
Quantity	quantity

Synchronization Process

We are running two types of tasks to keep the data synchronized between Stock In The Channel and NetSuite.

We can schedule the task to run for clients at a specific time during the day.

Delta Sync

We are running this task every 15 minutes and check for updates in external systems

for the last 2 hours. The task normally runs for 10-15 minutes. By passing a timestamp to this task we can run it manually for a longer period in the past.

Full Sync

This task is scheduled to run every day at 7:00 AM and is running a full synchronization. This task normally runs for 40-50 minutes.