



NetSuite Demand Planning

NetSuite was built to support the needs of productbased businesses from its beginning and today offers a variety of native features, functions and processes to help these businesses to have the right materials available—at the right time—in the right place.

One of these key features is our native demand planning module that is specifically designed to provide the user with the ability to predict required inventory based on historical demand or sales forecasts. This innovative tool offers the right balance of powerful functionality and ease-of-use to help you manage your inventory more efficiently.

Key Benefits

- Optimise inventory levels.
- Increase turns.
- Reduce costs with order consolidation.
- Simplify the ordering process.
- Workflow approvals.



Multi-Location Inventory

One of the key features that NetSuite delivers is the ability to easily define multiple inventory locations with real-time visibility. Locations can be organised hierarchically, and for global businesses the country can be defined. During the planning process, the system can be set up to automatically create transfer orders between locations where necessary.

	NETSUITE					9		3-
5 * 6	Advanced Manufactur	ng Activities	frequentions.	SalteCommerce Lints	Reports Customization	Documenta Setup Support	Food Americ SuiteSociel	400
Locations	i.							
verini Default	· Cast	onize Kiew	Herristation					
C PATENS			the state of the s	-				
antes barne T								
-								
	BADA MACTINES							
8271999	81115AL	Apress +		PICNI	479	1/1/5.400443	CONTRACTOR	1
Alte Vinu	1	In San Prancisis		ansen-627-6880	Jan Matio	0	10	1.1
BIRL/ Vers	1	241408		(888) 827-1980	Sainta trachas	01	10.	
RIE (View	4	Appendig trade		1999) 234 9984	San Malain	CA.	10	
Bill View		S2 Barrier		12803-027-1903	Brahov	MA	18	- 1
Cole I view		Contract GPG are		14030-0015-1000	Servers			
				3408-889-4802				
Ball York	21	Abditional international Appletones		12090-0000-00003			10	
Bill View Bill View Odd View Bill View		Appendig tops 02-Borrier Contract Mill All Contract Mill All Matthemat		1999) 204 9964 1297) 427 7960	Gan Mahaa Benhav	CA MA	18 18 15 19	

Multi-Location Inventory

Item Setup

One of the most critical areas to the planning process is defining the parameters that affect each item. The settings that are found in the Inventory Management section of the item apply to the item as a whole unless they are over-ridden in the location sublist. This defines the item as being available to demand planning, establishes an alternate source item (if you are trying to plan a new item with no sales history) and establishes which Distribution Network and Category it might belong to if you are using our DRP functionality.

On the Location sublist is where you will find a lot of additional planning parameters that affect either how demand is evaluated or how the planned orders are generated. These settings include:

- Safety Stock
- Let Sizing Method
- Fixed Lot Size
- Supply Planning Periods
- Supply Type
- Demand Source
- Forward and Backward Consumption Days
- Demand and Planning Time Fences
- Reschedule In/Out Days

	Managartan	£												LEVEL GAVE	
DEPART A	TT METHOD										UTO-CHUR	ILA/E		THE DAY	
	ATP WENLO										CENNING CHILM				
Tome Phase	HIGHT METHOD add														
ALTERNATI	SOURCE /TEM								5671	RUTION	NETWORK				
									DRIT	INCOME.	CATERINA				
	I READY PRAY	M/TO-CH	(D/Left												
NE DRDEA H	ALCONE.								(TAA)	0.01 100	per Ca				
monobe a	and with	-OLIVIATE							0.	04440 1.0	QUANTITY	ASCOMIN	NEW		
e e C.Se Kanada	unalit de seu d	Source Source Source A A A	ana Adar Ka		ME METHOD HILL HILL HILL HILL HILL HILL HILL HIL	and test a	 disti -	nan all all all all all all to all all to all all to all all to all	and the	nca 2 100 00	ARCOLOG ARCOLOG ARCOLOGICA	111		toreat as	
A Kanada Kanada Kanada Kanada Kanada	-	and reft	1414	000 101 210 1040 100	PRO	PROF.	disti -	ante arrene de arrene autores autores	and .			1			
4 CLBE Nation Research SAMP CLBE Eventues Sectors	-	Band Series Band Series Band	nanii	101.20811448	PRO	PROF.	disti -	national and taken the sectors particular particular	1.tf			Part -			
4 CLINE Ramani Ramani GAMOR Manani GAMOR	-	Annual An	114149 610 1.11	000 101 210 1040 100	HIT OF	-	 disti -	ante des artes setto setto tel controlation	in a			1	Tanan Tanan Tanan Tanan Tanan Tanan Tanan Tanan Tanan		
+ Kultar Kantari Kantari Kultar Kultari Kantari Kantari Kantari Kantari Kantari	-	Annual An	114149 610 1.11	160.21011448 100. 100.	HIT OF	-	 disti -	ante ar sona na antes a antes a antes a antes a	11 1			1 1			

The Demand Planning Process

Demand can be evaluated and presented in a number of different ways using the demand planning process. The menu structure is laid out in a way that shows the process to calculate demand, review the demand plans and edit where required, generate the supply plans, review and edit those and finally generate planned Purchase



The Demand Planning Process

Orders, Transfer Orders and Work Orders as desired. Note that the system can be set up to generate actual transactions and skip the planned orders if desired.

Available Planning Methods

- Linear Regression Use previous demand to project future inventory based on the ordinary-least-square regression method.
- Moving Average Use the moving average of historical demand to calculate the overall average stock level needed, and then project future stock levels using that overall average.
- Seasonal Average Use previous demand to examine the seasonal trend of inventory flow, and then project a similar seasonal trend for future stock levels.
- Sales Forecast When using NetSuite for your sales operations, this option uses forward looking sales forecast data (such as opportunities, estimates, etc.) to project inventory demand.

Demand Plans

By customizing the demand plans to include any known exceptions, they act as MPs.

9 *	Advanced Manufacturing	Activities Transactions SubsComm	erce Lists Reports Customization De	cuments Setup Support Road A
Item Supply	Plan			
1199				
Tele Rock	Actions +			
sumption Huffman Mg. LOOTTON DT: San Phanosica HISM ACCORN			Libert De Melo Alarh MDMD	
Orders Plannin	Venego Borkfore			
((ADAK 25/W)	MORT INT	240.48 7978	RECEIPTION CONTRACTOR	QOM IV
3/18/2016	BUILDER.	Purchase Gritter		880
8718/2016	Britiphre	Purchase Cyster		2.000
8/17/2016	18/1/2018	Purchase Order		5.000
TATE/2016	11/1/2016	Pullbase Ceder		4,000
11/23/2516	12/1/2016	Puechase Order		8.000
fift Back	Actions -			

Supply Plans

Supply plans can be generated by using the item settings from the demand plans with a simple click, reducing time consuming manual processes. Depending on some parameters and approval workflows, the system will either generate planned, firm or released orders.

Planning Action Messages

NetSuite can also generate planning messages to assist the user in making the right decisions and optimise inventory levels where appropriate.

Gross Requirements Inquiry

The Gross Requirements Inquiry provides an overview of the progressive supply and demand cycle by listing quantities required and quantities supplied on each transaction date listed. Each transaction and date is listed along with the more-on-hand or less-on-hand quantity of the transaction, as well as the resulting total quantity on hand for the item.

Order Execution

The result of the planning process simplifies the process of creating purchase orders, transfer orders and work orders for the user and they can be notified in a number of ways when they have to do something—this includes:

- Reminders
- Email alerts
- Saved searches
- Scheduled reports

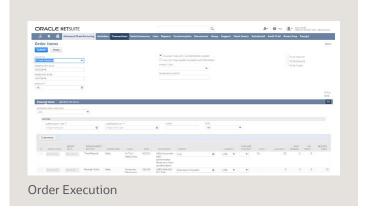
Executing these from the Order Items or Mass Create WO screens is a simple as checking a box beside the orders you want to create and hitting a button.

Allocation Exceptions Management

To respond to supply shortages and VIP customers, you can review all sources of supply and order allocations to ensure that high priority sales orders ship complete and on time. To minimize the effect on all orders, the system provides intelligent suppy reallocations recommendations, designed to take the resources from multiple unallocated orders and fulfill priority orders first.

Grant Barris	irements Inquiry						
anana mada	a contract ordered						
ingip out *						A. (1-10) 171(1)	
educe by	+					COLUMN ADVISED	
1204408						- Sector sector goal -	
Pla.						6	
40001							
048	34581.54%	1947	TRANSTON	DICIE	100,00	0.8875	0.4470 C114/G
810006		Replacing Insertions					190
64066	Tender	Transmit Prochase Contra				44	1.000
12183	024339	-onior.box senand Han				-041	
670206	078/3111	Parved Published State				7.000	1.08
8713016	0.713230	Torie, Mill Torie Deviated Plan				1.021	
151000	14253143	Parried Pointeer Sider				5492	5.50
epistero.	Croiter .	Forstain from beinged illust				-1.60	
122000	10100201	moved mythanication				1.000	8.00
41, TA2875	100801	Honoral horn behand that				-5.600	- 20
11/2/0101	1003200	Parcel Nother Diller				1.000	0.00
125010	1004000	Street for Bered Fair				(5490	

Gross Requirements Inquiry



System generated reallocation recommendations reduce the time to find, review, and execute reallocations. After you accept a recommendation, the system automatically re-aligns the supplies to the affected orders.

However, if the generated recommendations are not suitable, you can generate a new set of allocation recommendations. You can then review reallocation scenarios until you define a solution. After you approve an allocation, the system returns you to the order.

