



*Streamline your formulation management  
with Dynamic Formula for NetSuite*



Cloud Business Solutions

**ORACLE** NETSUITE  
Solution Provider

## Streamline your formulation management process

Efficient formulation management is a critical factor in the success of any manufacturing business. When your formulation management is properly implemented it helps you to develop better products faster, reduces the complexity of development, improves quality control and reduces overall risk.

Until now, ERP systems have been used to manage certain elements of the product lifecycle, but formulation management has been handed off to a separate specialist application.

Dynamic Formula for NetSuite changes that. You can now fully integrate formulation management into your NetSuite ERP system, aligning it with your other business processes and so gain the competitive advantages of having all your systems working together.



## Dynamic Formula for NetSuite

Dynamic Formula allows you to take an existing recipe or formula driven production order, adjust the components and quantity, and save it.

Whilst that's extremely simplistic, it helps you grasp the basics of what we've achieved and to understand the possibilities of the Dynamic Formula for NetSuite app.

Dynamic Formula has been developed to meet the specific needs of manufacturers where tolerances are low and quality standards are high.

It offers a dependable solution for formulation management.



**DYNAMICFORMULA**

ADVANCED DYNAMIC FORMULATION MANAGEMENT



## Dynamic Formula in summary

### Increases production efficiency

Dynamic Formula improves manufacturing efficiencies by allowing you to reduce lot-specific costs for the raw materials and components that you use, based on Landed Costs.

### Guarantees product consistency

Allows you to analyse the composition of specific raw materials or components and compares them against the specifications for the final product, ensuring product consistency.

### Calculates production capacity

Determines the manufacturing capacity of your product based upon the raw material or component quantities in the formula and the stock availability of raw materials or components.

### Ensures manufacturing consistency

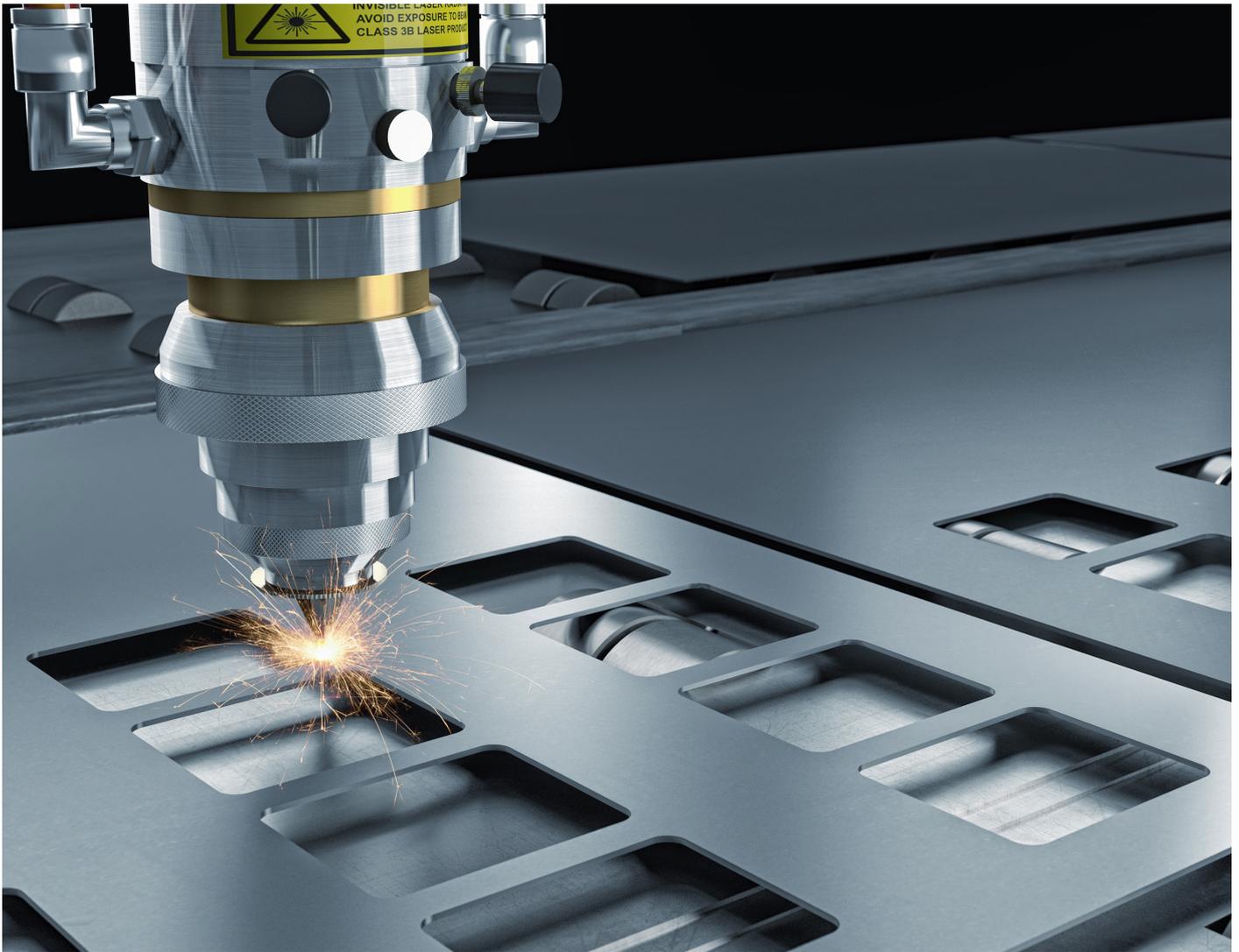
Dynamic Formula allows you to specify specific lots to be used in your formula, guaranteeing the specification and quality of manufacture.

### Improved R&D efficiencies

Dynamic Formula can be used to run simulations of your formula, save it and create new formulas, all without having to download anything, greatly increasing the efficiency of your R&D efforts.

### Total flexibility in use

You can save your formula and allow other users to create their own formula, promoting knowledge sharing and collaboration.



## Do you need Dynamic Formula?

- Need to amend your work order components/ quantities based on the quality of the components you are using for that build?
- Regularly change the composition of your bill of materials based on QC feedback?
- Do you require an analysis of your finished products to ensure they are within specification tolerances?
- Need to amend work order components/ quantities to ensure they meet budgetary requirements?
- Are there validation criteria set out to ensure the finished item will be within tolerance?
- Want to integrate your mass spectrometer directly to NetSuite to store your lot properties?
- Want to share your analysis results with other external systems through an export file?

If your manufacturing processes make these kinds of demands, then Dynamic Formula for NetSuite could be the enhancement to NetSuite that you've dreamed of.

## Dynamic Formula features and benefits

### Formulation design

Feature	User Benefit	Organisation Benefit
<b>Save Dynamic Formula Simulation</b>	Save your work in progress formula and come back to it later.	Work from any computer, reducing risk of data loss and duplication.
<b>Save Dynamic Formula Final</b>	Save your final formula before committing it to a work order.	Allows user to check the formula is correct before committing to a work order.
<b>Open Saved Dynamic Formula</b>	Open your own – or someone else’s – formula and continue where you left off.	No need to start from a “blank piece of paper” every time – take advantage of other peoples’ skills.
<b>Test &amp; Simulation Modes</b>	Adjust and analyse your formula as you go.	Massive time savings.
<b>Tracks Validation Status</b>	Instantly see the validation statuses and history of your formula.	All in one system, on one screen.

### Work orders

Feature	User Benefit	Organisation Benefit
<b>Create Dynamic Formula from Work Order</b>	No need to manually replicate data which is already there.	Eliminate errors duplicating data from different systems, saving time and increasing accuracy.
<b>Update Work Order with Formula</b>	Automatically update the work order, preventing manual inputting.	Save time, eliminate errors, and increase efficiency by letting NetSuite take care of it.
<b>Adjustable Build Quantity</b>	Adjust the built quantity value to suit the formula you’re making to match available component stock values.	No need to close and recreate work orders – simply edit the one you need.
<b>Manufacturing Capacity</b>	See the total manufacture capacity based on the current formula and select component lots.	Prevents work orders for quantities greater than the components you have.

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## Production planning

Feature	User Benefit	Organisation Benefit
<b>Calculates Total Raw Material Cost</b>	Calculates the total cost of the selected components based on the build quantity.	Ensures your finished good is within budget.
<b>Calculates Raw Material Cost per Unit</b>	Calculates the cost of the selected components for building one unit.	Calculates the cost of the selected components for building one unit.
<b>Supports Component Grouping</b>	Multi-stage work orders allow you to group components.	Follow internal process more easily.
<b>Input the Percentage Required</b>	Automatically calculate the required quantity by simply adjusting the component percentage for that entire formula.	No need to introduce potential errors by requiring the end user to work out the quantities as a ratio.
<b>Real Time Stock Display</b>	Displays the current available stock for the selected components in your location.	
<b>Current Lot Hopper</b>	Automatically selects the lot of the component in the current hopper for the selected location.	

## Financial

Feature	User Benefit	Organisation Benefit
<b>Supports OneWorld</b>	Ability to only see the formulas related to your – or other – subsidiaries.	Share across your entire group, or restrict to a specific subsidiary – the choice is yours.
<b>Supports Multi Currency</b>	See actual costs in your own currency, regardless of the currency on the source transaction.	Get the right cost – in real time!
<b>Uses Lot Specific Costing</b>	Ensures the Item receipt cost is accurate.	Absolutely accurate costing taken from the item receipt of the specific component lot.
<b>Cost / UoM</b>	Displays the actual material cost of the current lot numbered component per component unit of measure.	
<b>Reference Cost / UoM</b>	Displays the total cost of the current lot numbered component per formula unit of measure.	

## Reporting and administration

Feature	User Benefit	Organisation Benefit
<b>Supports Multi Locations</b>	Ability to only see the formulas related to your – or other – locations.	Location specific formulas ensures global consistency across your entire brand by ensuring the finished good takes in to account local raw material differences.
<b>Tracks Expiry Dates</b>	Ensure your formula doesn't exceed its' expiration date.	Essential to ensure you do not exceed the expiration date.
<b>Sums Calculated Values e.g. Sugars, Metals, Flux, Rest, Totals</b>	Prominent visual displays of major values on the formula for at-a-glance checking.	The requirement to collate data from multiple sources is done for you in real time, and displayed in front of you for maximum efficiency.
<b>Calculates Quantity Requirements</b>	Automatically calculate the required quantity by simply adjusting the component percentage for that entire formula.	Let Dynamic Formula do all the hard calculations for you.

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## Lot selection pop-up

Feature	Benefit
<b>Active Lot Tracking</b>	Automatically selects the active lot for you.
<b>Total in Location</b>	Displays the total quantity of the component across the whole Location for all lot numbers.
<b>Lot Quantity Required</b>	Shows the required quantity to meet the build quantity.
<b>Lot Information</b>	Provides an overview of the selected lot.
<b>Lot Properties</b>	Displays the chemical and mechanical properties of the lot at a glance.
<b>Lot Cost</b>	Displays the precise lot cost from the item receipt.
<b>Lot Receipt Date</b>	Displays when the item receipt impacted your inventory asset account.
<b>Lot Vendor</b>	Lets you know which vendor your material was purchased from.

## Research and development

Feature	Benefit
<b>Calculates Min/Max/Theoretical/Target</b>	Instantly see if your formula is within specification in a simple to read format.
<b>Tolerance per percentage handling</b>	Allow sliding tolerances depending on the percentage required.

## Leading digital transformation for business since 2005

Cloud Business Solutions is a specialist in delivering the benefits of Enterprise Resource Planning (ERP) to organisations both large and small, and unified by a desire to excel.

We employ the skills of a range of ERP experts including business analysts, business process engineers and software engineers to specify, develop and deploy ERP solutions that provide our clients with a single version of the truth and so help their businesses prosper and grow.

We are passionate about the benefits of ERP and genuinely want our customers to benefit from our experience and learning gained over our years of delivering ERP solutions. We have a very high skillset, a defined development process and a belief in doing things once and doing them properly.

Our Aftercare support options are industry leading, with top tier support options providing our clients to free access to our extensive library of ERP extensions and enhancements. By opting for this level of unsurpassed support, our clients gain the skills, knowledge and experience to help them develop and grow their ERP capability as their own organisation grows and evolves.

Cloud Business Solutions has been a NetSuite Solutions Provider since 2005 and gained NetSuite 3\*\*\* Solutions Provider status in 2017.

## Request a demonstration of Dynamic Formula for NetSuite

If you want to streamline your formulation management process and integrate it into one all-encompassing ERP solution, Dynamic Formula for NetSuite could be the answer.

Contact us today on +44 (0) 1785 336 253 to request a free demonstration.





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First Floor, Unit 8  
Greyfriars Business Park  
Stafford  
ST16 2ST  
United Kingdom

Telephone: +44 (0) 1785 336 253  
Email: [hello@cloud-business-solutions.com](mailto:hello@cloud-business-solutions.com)  
[www.cloud-business-solutions.com](http://www.cloud-business-solutions.com)

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