

Datasheet



ORACLE  
NETSUITE  
Alliance Partner

# Fab-a-Lot

## An Automated Lot Manufacturing Solution by Jade Global



Fab-a-Lot



[www.jadeglobal.com](http://www.jadeglobal.com)



[info@jadeglobal.com](mailto:info@jadeglobal.com)



+1-408-899-7200

# Enhance your lot-based manufacturing efficiency by 15% with Jade Global's Fab-a-Lot NetSuite solution that secures revenue and optimizes transactions.

Managing lot-based manufacturing amid multiple subcontracted operations is challenging. Manual processes and visibility issues lead to missed opportunities, delayed customer responses, revenue loss, and high inventory costs.

Most applications lack integrated, efficient, and digital lot-based manufacturing features. Without an integrated lot-based manufacturing solution, tasks like lot split, merger, translation, and traceability require a significant amount of manual effort.

At Jade Global, we understand your business requires an out-of-the-box, automated Lot-manufacturing solution that can provide you with complete control over Lot-transaction processing, Lot reporting, and B2B integrations.

That's where Jade Global's NetSuite Solution Fab-a-Lot comes in. We've crafted this Lot-manufacturing solution converging the industry's best practices and pre-built use cases to automate your lot transaction processing and eliminate costly supply chain delays.

## Fab-a-Lot combined with NetSuite ERP is your comprehensive industry-specific solution, offering complete lot genealogy visibility across your extended supply chain for automated real-time transaction processing.

- Fab-a-Lot integrates and works seamlessly with the NetSuite Applications, leveraging the native functionality of the SaaS applications for Product Lifecycle Management (PLM), expanding upon the inherent Lot management, Outsourced Manufacturing Services, Costing, and Planning.
- Fab-a-Lot is an end-to-end solution to track Work in progress (WIP) split, merge, translate, and detailed lot genealogy.
- Beyond these core benefits, Fab-a-Lot seamlessly integrates with various other semiconductor industry solutions, B2B solutions, and other Jade Global Solutions. Fab-a-lot uses single Sign-on and delivers a consistent user experience.

### Fab-a-Lot- A Quick Glance

With Fab-a-Lot, lot manufacturers can streamline processes, gain control over lot operations, and eliminate manual efforts for tasks like lot split, merge, and translation. Jade Global's solution ensures industry best practices for efficient, automated lot manufacturing in NetSuite.

Built on the latest Oracle technology, Fab-a-Lot provides semiconductor and lot-based manufacturing organizations complete control over Lot-transaction processing and lot reporting and supports B2B integrations (e.g., outsourced manufacturing partner).

[View Fab-a-Lot in NetSuite SuiteApp](#)

## The Jade Highlights

**20+ years of ERP experience | 650+ERP projects Delivered | 98% Renewal Rate**

---

## Fab-a-Lot: Key Features

- **Lot Control**

Facilitates changing of lot numbers, assembly items, split WIP lots, and merge WIP lots.

- **Lot Reporting**

Captures, reports, and utilizes additional lot information during manufacturing

- **Report Full Lot Genealogy**

Traces and documents the complete genealogy of lots for transparency and traceability

- **Pre-Built Use Cases**

Processes WIP transactions using highly optimized screens with the back-end processes in the base ERP application

- **B2B Integration**

Integrates with other Jade's B2B solutions using RosettaNet Standards for the Semiconductor Industry

- **User-Friendly**

Intuitive user interface designed for efficient transaction processing, including convenient Excel upload of transactions

---

## How Fab-a-Lot with NetSuite Improves Your Lot-Manufacturing?



### Enhanced Lot Visibility

Gain comprehensive and granular visibility into your work-in-progress (WIP) and inventory lots.



### Real-Time Transaction Automation

Experience real-time, automated lot transaction processing, eliminating supply chain delays that could otherwise span days.



### Exception Management

Instantly detect and address exceptions and errors through a centralized management process, ensuring timely corrections.



### Robust Audit Trail

Utilize a complete audit trail to swiftly implement corrective and preventive actions, averting costly field failures and reworks.



### Optimized Inventory

Improve inventory planning with Lot tracking enabled throughout the manufacturing stages. Also save inventory costs through enhanced visibility.



### Solution Hosting

Built in Oracle APEX & Hosted on Oracle Cloud Infrastructure (OCI) platform leveraging standard Tools & Services



### High Operational Efficiency

Reduce the manual efforts of tracking Lots while increasing overall operational efficiency by 15 %.



### Low Implementation Cost

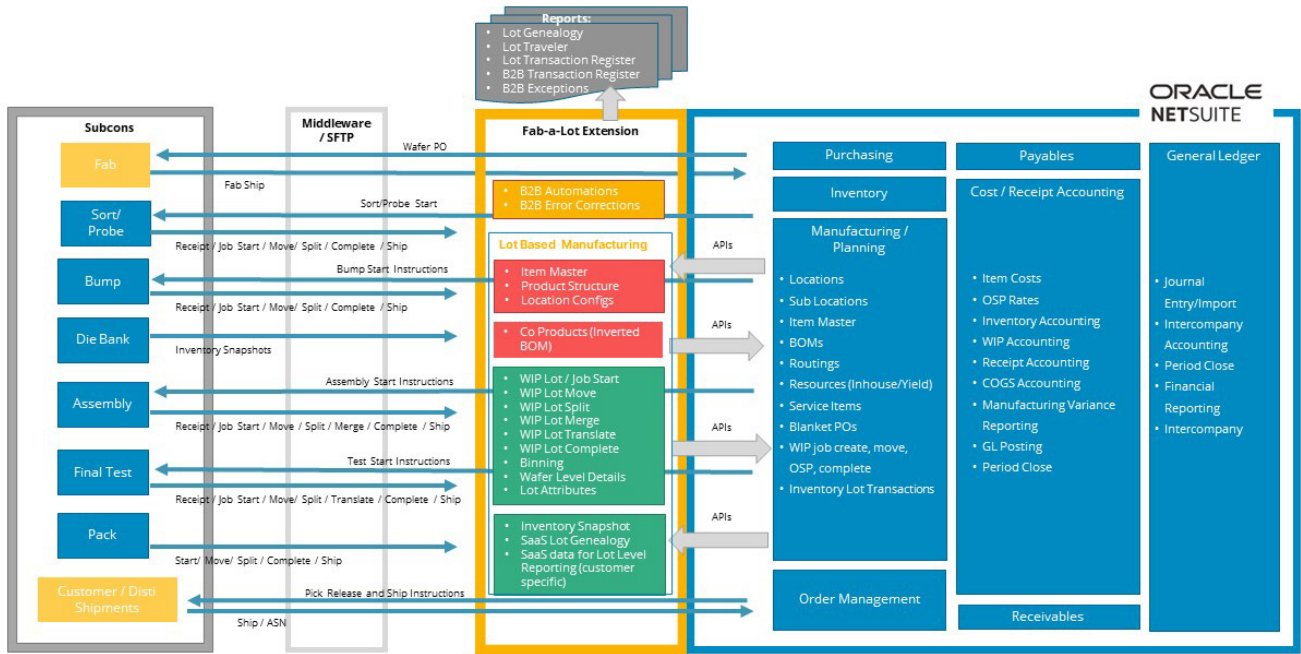
Implement Fab-a-Lot solution with NetSuite, using native APIs and reduced implementation costs, facilitated by the unique pre-built solution framework.



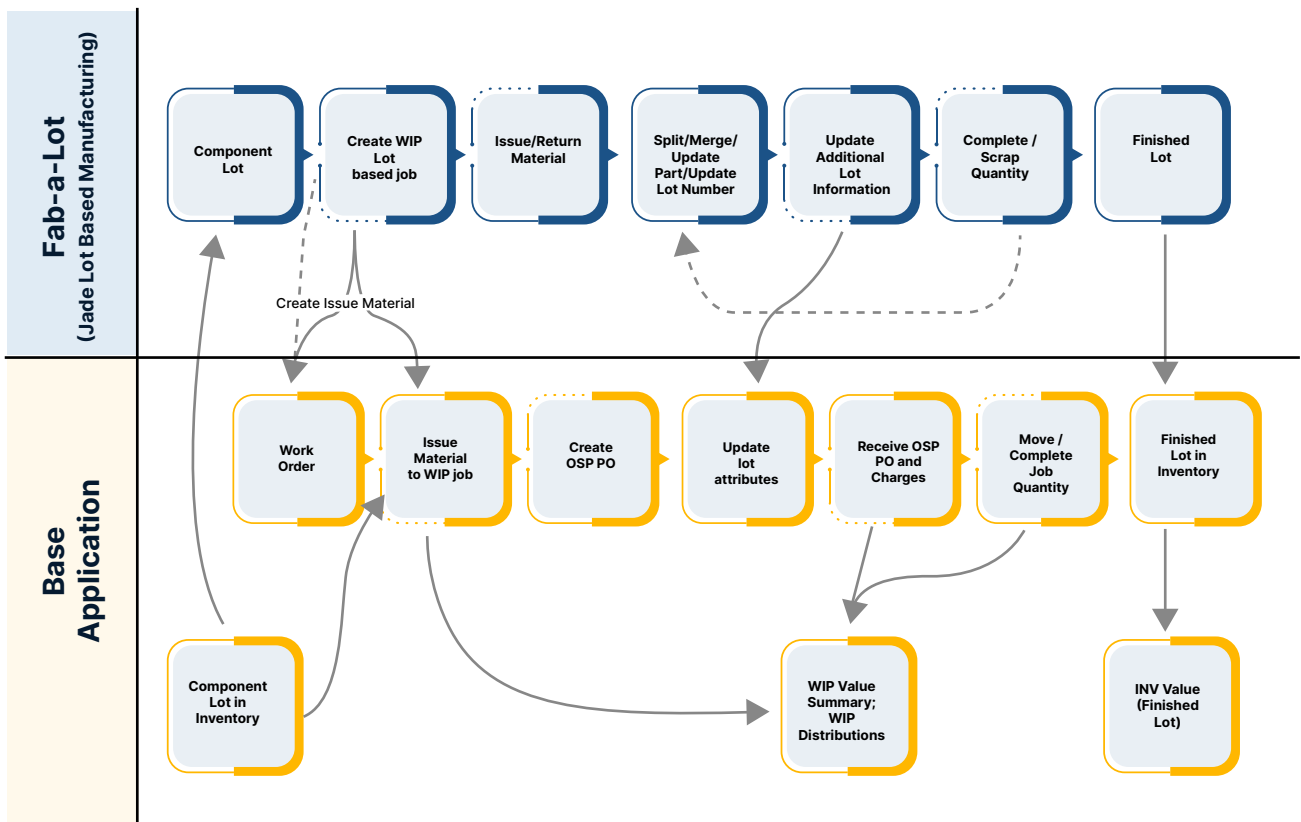
### Improved Customer Service

Enhance your customer service by leveraging improved Lot traceability and genealogy that significantly reduces QA issues.

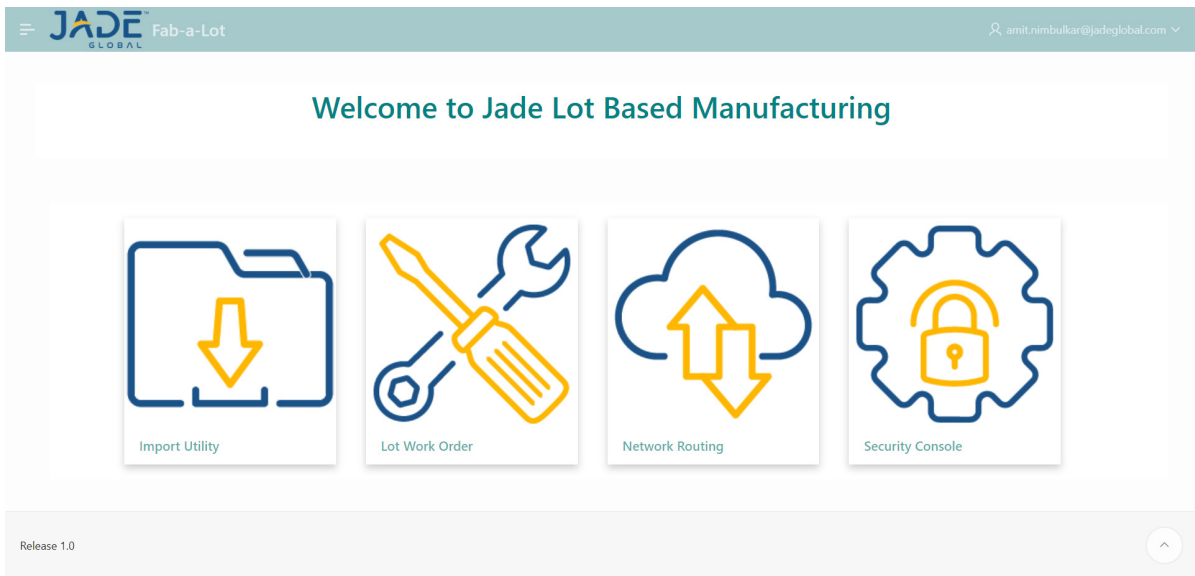
# Solution Overview



- Fab-a-Lot fits seamlessly in the entire application footprint, with B2B sub-cons, vendors, and logistic partners on one end and the core ERP/SCM applications on the other.
- Fab-a-Lot provides businesses a platform for extending native functionality that their unique processes require for a seamless user experience across SaaS and PaaS applications.
- Fab-a-Lot acts as plugin for lot number propagation and lot operations throughout different manufacturing stages and provides comprehensive tracking of lot transactions across the entire supply chain, be it a lot in inventory or on the shop floor.
- Using Fab-a-Lot you can process your WIP transactions using highly optimized screens with the back-end processes in the base ERP application.

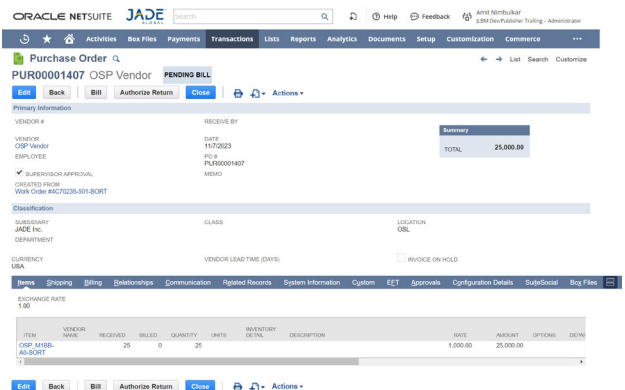
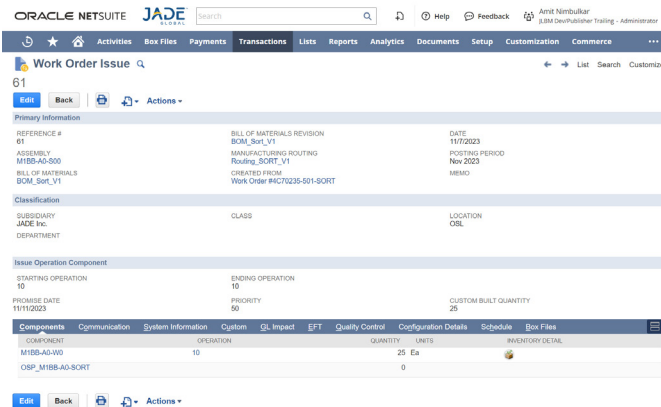
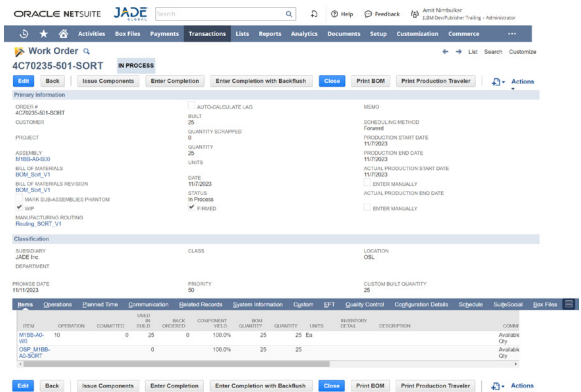
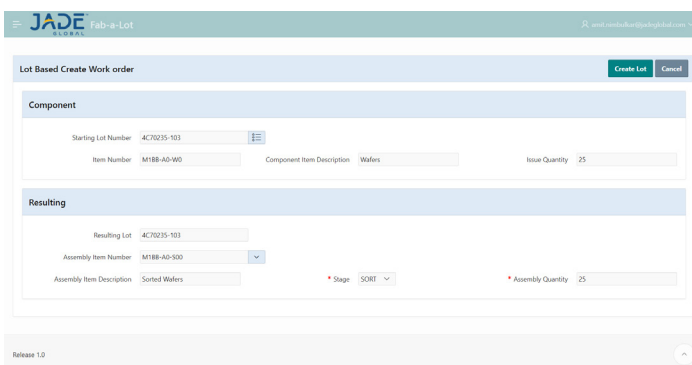


# Fab-a-Lot: Solution Walkthrough



## Work Order Creation

Effortlessly initiate Work Orders with Fab-a-Lot's user-friendly interface.



# Work Order Issue Material and PO Creation

Streamline material issuance and purchase order creation with ease.

ORACLE NETSUITE JADE GLOBAL Fab-a-Lot amit.nimbulkar@jadeglobal.com

---

**Work Order Transactions**

Plant: OSL (OSL) ▾

**Work Order Transactions (OSL)**

Transaction Type: Split ▾

4C70235-501 M1BB-A0- 25 FGI Split

Click ↕ to select lot for transaction

Search: All Text Columns Go Actions ▾ Edit Save Add Row

Work Order Number	Item	Quantity
4C70235-501*1	M1BB-A0-B001	15
4C70235-501*2	M1BB-A0-B001	10

2 rows selected Total 2

Cancel X Create Transaction

Release 1.0

ORACLE NETSUITE JADE GLOBAL

**Work Order Completion** 69

Primary Information

ITEM	M1BB-A0-B001	QUANTITY	15
REFERENCE #	69	UNITS	Each

Inventory Detail

SERIAL LOT NUMBER	STATUS	EXPIRATION DATE	QUANTITY
4C70235-501*1	Good		15

Operation Completion

ITEM	M1BB-A0-B001	QUANTITY	15
STARTING OPERATION	10	UNITS	Each

Assembly Detail

ITEM	M1BB-A0-B001	QUANTITY	15
QUANTITY TO BUILD	0	UNITS	Each

Purchase Date: 15/11/2023

Inventory Detail

SERIAL LOT NUMBER	STATUS	EXPIRATION DATE	QUANTITY
4C70235-501*1	Good		15

ORACLE NETSUITE JADE GLOBAL

**Work Order Completion** 70

Primary Information

ITEM	M1BB-A0-B001	QUANTITY	10
REFERENCE #	70	UNITS	Each

Inventory Detail

SERIAL LOT NUMBER	STATUS	EXPIRATION DATE	QUANTITY
4C70235-501*2	Good		10

Classification

Subsidiary: JADE Inc. Location: OSL

Operation Completion

ITEM	M1BB-A0-B001	QUANTITY	10
STARTING OPERATION	10	UNITS	Each

Assembly Detail

ITEM	M1BB-A0-B001	QUANTITY	10
QUANTITY TO BUILD	0	UNITS	Each

Purchase Date: 15/11/2023

Inventory Detail

SERIAL LOT NUMBER	STATUS	EXPIRATION DATE	QUANTITY
4C70235-501*2	Good		10

**Get a No-Obligation Free Demo →**

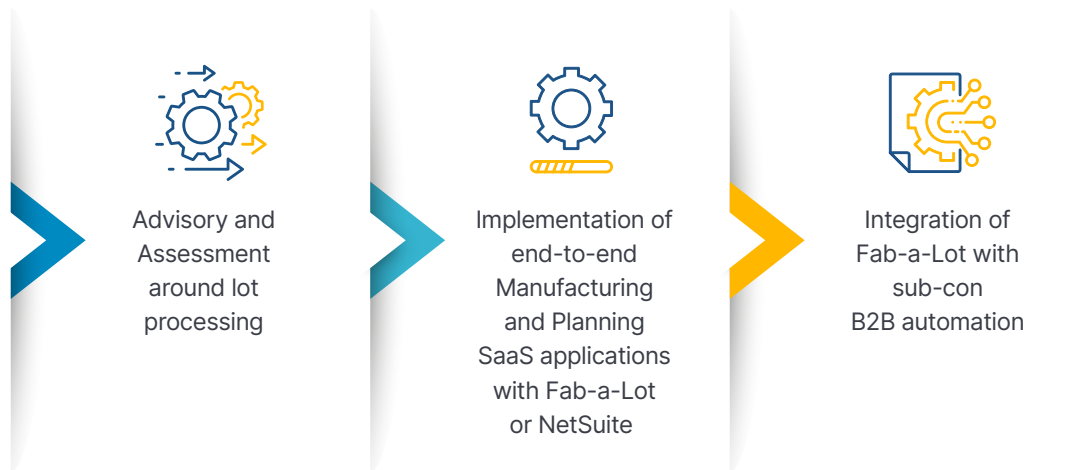


# Lot Genealogy

A demonstration of Genealogy Reports Within Fab-a-Lot

Lot Number	Transaction Type	Quantity	Job Number	Item Number
4C70235-127	WIP Completion	3533.66	4C70235-127-TEST2	M1076
4C70235-127	WIP Issue	3533.66	4C70235-127-TEST2	M1BB-A0-F00112
4C70235-127	WIP Completion	3533.66	4C70235-127-TEST1	M1BB-A0-F00112
4C70235-127	WIP Issue	4711.53	4C70235-127-TEST1	M1BB-A0-A0011
4C70235-127	WIP Completion	4711.53	4C70235-127-ASSY	M1BB-A0-A0011
4C70235-127	WIP Issue	4807.69	4C70235-127-ASSY	M1BB-A0-D001
4C70235-127	WIP Completion	4807.69	4C70235-127-DIE	M1BB-A0-D001
4C70235-127	WIP Issue	25	4C70235-127-DIE	M1BB-A0-B001
4C70235-127	WIP Completion	25	4C70235-127-BUMP	M1BB-A0-B001
4C70235-127	WIP Issue	25	4C70235-127-BUMP	M1BB-A0-S00
4C70235-127	WIP Completion	25	4C70235-127-SORT	M1BB-A0-S00
4C70235-127	WIP Issue	25	4C70235-127-SORT	M1BB-A0-W0
4C70235-127	PO Receipt	25		M1BB-A0-W0

# Services Offerings



**Get a No-Obligation Free Demo →**



---

# Join in

## Partner with Jade

Let us guide your path amidst the clouds and help you build the future enterprise.

## Be an expert

Become a master in the interplay of domains and industries. Drive higher benchmarks of success.

## A leader

Knowledge powerhouse we all hold together-clients, partners and Jade experts.

Contact us to know more about our other services



---

# For more information

USA | CANADA | UK | AUSTRIA | INDIA



[www.jadeglobal.com](http://www.jadeglobal.com)



[info@jadeglobal.com](mailto:info@jadeglobal.com)



+1-408-899-7200

1731 Technology Drive, Suite 350 San Jose, CA 95110

Copyright 2023 Jade Global. All Rights Reserved. Jade and its logo are trademarks of Jade Global.