



Enabling a Paperless Environment

NetSuite Manufacturing Execution



NetSuite provides innovative, real-time, cloud-based solutions to get the most up-to-date information from production. Obtaining information from your production facilities, regardless of location, is vital to the short term execution of your business and your long term strategic planning. NetSuite offers both a traditional barcode scanner-based interface and an innovative and interactive tablet app. While the barcode scanner is designed for speed of data entry, the tablet device features a rich interface that provides unparalleled feedback about what's happening in the user's work centre and/or machine.

Key Features

- Easy-to-use but powerful functionality increases user satisfaction and increases data accuracy.
- Real-time updates from manufacturing enabling you to make educated decisions that affect your business operations.
- User configurable tablet application allows the user to optimise the system on the fly.
- Native application designed from the ground up as part of Advanced Manufacturing.
- Issue materials, enter production, record downtime and identify quality issues as they happen.

Tablet Application

The tablet application can be deployed through the browser of any tablet and can accurately record exactly what is happening during each step of the manufacturing process. Additionally, depending on the mode the user selects, it can be used either by a production supervisor recording manufacturing across multiple cells and work centres/orders or by an individual in real-time mode.

The application provides an interactive work queue showing all of the current and future operations that are scheduled through the current work centre. The easy-to-use layout is specifically designed to be used in harsh manufacturing environments and can be operated while wearing gloves, etc.

When a specific work order is selected, the user is quickly taken to the work order console where they can quickly issue materials, record labour performed, enter downtime, identify scrap with reason codes and record actual production. They have the choice of gathering and entering this information as it becomes available or in real time.

By switching to real time, the tablet is moving into a Start/Stop mode allowing the user to update the system as the manufacturing process happens for the most accurate and up-to-date information possible. The tablet also adjusts with the current operation and work order. When the user selects Start, they can see the started and actual current time identified in familiar calculator

PLANNED START	WORK ORDER	QTY	NAME	NOTES	PRIORITY	ITEM	STD UNITS	ORDERED	PRODUCED	STATUS
01/23/2020	W0503	10	Assemble to Print	P7	00 - Rush Order	SAF200	4	100	100	
03/02/2020	W0509	10	Assemble to Print	S6	00 - Rush Order	SAF200	4	50	50	
02/20/2020	W0580	10	Assemble to Print	S6	01 - Priority Override	SAF200	4	1	0	
02/26/2020	W0504	10	Assemble to Print	S6	01 - Priority Override	SAF200	4	50	50	
03/16/2020	W0513	10	Assemble to Print	S6	01 - Priority Override	SAF200	4	50	50	
03/31/2020	W0519	10	Assemble to Print	S6	01 - Priority Override	SAF200	4	50	50	
04/13/2020	W0524	10	Assemble to Print	S6	01 - Priority Override	SAF200	4	50	50	
11/12/2019	W0539	10	Assemble to Print	P1	03 - Build For Stock	SAF200	4	50	50	
11/26/2019	W0541	10	Assemble to Print	P7	03 - Build For Stock	SAF200	4	50	50	
12/17/2019	W0546	10	Assemble to Print	P7	03 - Build For Stock	SAF200	4	50	50	
01/14/2020	W0569	10	Assemble to Print	P7	03 - Build For Stock	SAF200	4	10	10	
01/15/2020	W0586	10	Assemble to Print	P7	03 - Build For Stock	SAF200	4	1	0	

ITEM	DESCRIPTION	BIN	QUANTITY	INVENTORY STATUS
FRM200	SAF Frame Assembly	MatReceive	100	Good
CTL200	SAF Controller Assembly	MatReceive	100	Good
BLD200	Fan Blade	MatReceive	300	Good
FSP200	Fan Solar Panel	MatReceive	100	Good
FWH200	Fan Wire Harness	MatReceive	100	Good

Stop: 00:00 Started: 03/06/2020 3:51 pm Current: 03/06/2020 3:52 pm

Enter Production - 100 / 100 (Each(1))

MATERIAL ISSUE	QUANTITY	INVENTORY STATUS
BLD200 - 300/300	CTL200 - 100/100	FRM200 - 100/100
FSP200 - 100/100	FWH200 - 100/100	- Other -

SCRAP	REASON CODE	QUANTITY
Calibration Failure	Electrical Damage	Empty
Evaporation	Ingredients Expired	- Other -

DOWNTIME	REASON CODE	QUANTITY
Feeder Issue	Late Maintenance	Machine Breakdown
Machine Jam	Maintenance	- Other -

type interface to quickly and easily record how many have been produced. When scrap is recorded, the user is prompted with the same input display but the main screen is also updated with information about the last scrap recorded.

Downtime is something that needs to be accurately recorded and dealt with to ensure optimal efficiency in the manufacturing process and so when this is recorded the entire tablet display changes to highlight the current problem.

