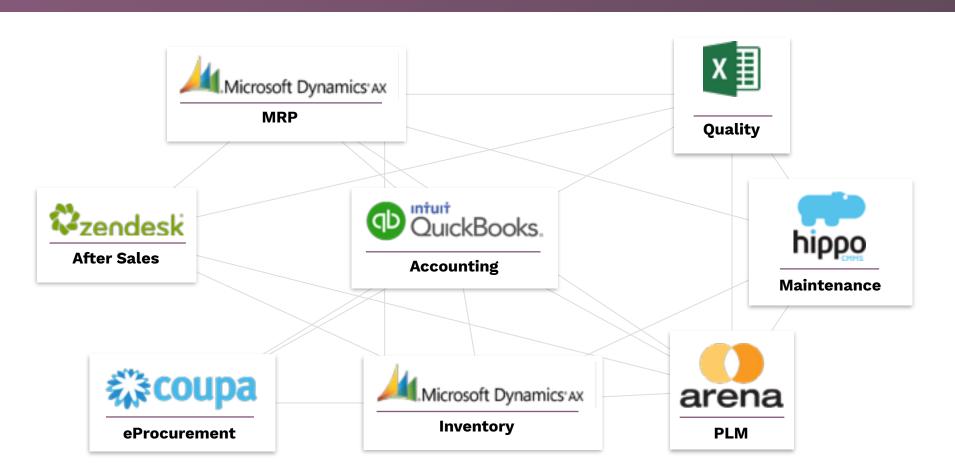


MRP, PLM, Quality & Maintenance Together at last!



A typical IT stack.





Integrating different platforms is

expensive, time consuming, and inefficient.

0000

Next Generation MRP Software

Keep IT Simple



All you need in a single software

Easy + Powerful = Lean

Engineering Manufacturing Manufacturing Supply Chain **Engineering** PLMPlanning MPS Bill of Materials Routings Control Panel Routes Versioning Worksheets Work orders Procurement Rules

Quality

- Control Points
- Checks (SPC)
- Alerts

Maintenance

- Equipment Management
- Maintenance Requests

Plan

Automate scheduling:

- Master Production Schedule (MPS)
- Minimum Stock Rules
- Make-to-Order

Manage planning:

- Gantt Chart
- Capacity planning and adjustments

MRP II

Planning:

(manufacturing orders)

- Based on customer promises
- Using average lead times (manufacturing, purchases, etc)



Result:

Manufacturing Orders by priority (expected date)

Scheduling:

(work orders)

- Schedule work orders (massively or manually)
- Using operation time & workcenter capacities
 (MRP II)

Result:

Gantt chart of work orders

Scheduling

Planning:

(manufacturing orders)

- Based on customer promises
- Using average lead times (manufacturing, purchases, etc)



Result:

Manufacturing Orders by priority (expected date)

Scheduling:

(work orders)

- Schedule work orders (massively or manually)
- Using operation time & workcenter capacities
 (MRP II)

Result:

Gantt chart of work orders

Operation Durations

Set time manually:

(industry standard)

- Requires time clocking every operation
- Static, does not evolve with the process

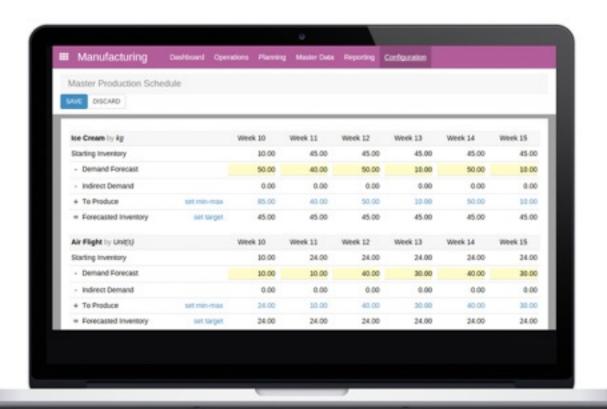
Compute real times:

(Odoo innovation)

- No time clocking needed, evolve with the process
- Based on average & standard deviation



Create MOs directly from the MPS

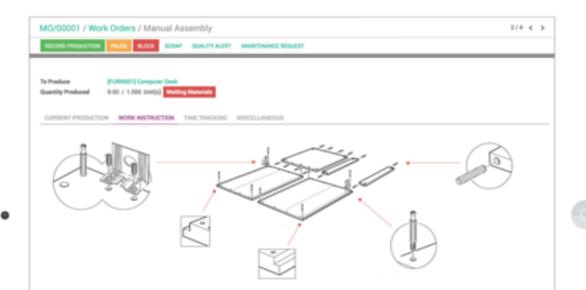


Manufacturing

Record work operations on tablets:

- Record productions
- Display worksheets
- Time tracking
- Quality control
- Barcode support
- Trigger issues





- √ Track Time
- ✓ Display Worksheets
- Register Production
- ✓ Integrate Quality checks
- √ In Process Alerts
- ✓ Record Serial/lot number

A worker triggers a

quality alert

OEE

Overall Equipment Effectiveness	Recommended Six Big Losses
Availability Loss	Unplanned Stops
	Planned Stops
Performance Loss	Small Stops
	Slow Cycles
Quality Loss	Production Rejects
	Startup Rejects
OEE	Fully Productive Time

Recorded from operations on the work center

Engineering Change Orders

Approvals:

(manufacturing orders)

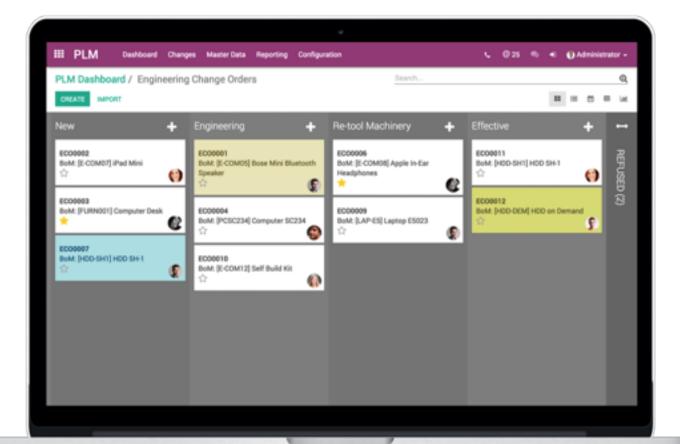
- By role
- · Comment or blocking

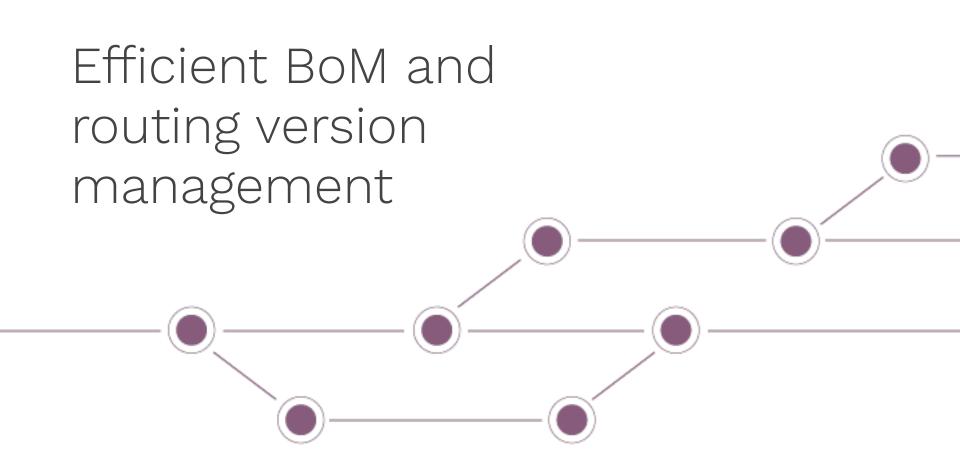
Customizable workflow

- NPI
- Worksheet updates

Deploy easily

- Versioning
- Trigger alerts for the manufacturing (next MO)





Quality Control Plan

Checks at:

- Intake
- In-process
- Post-process

Communicate efficiently

- Send Alerts to Workers
- At Inventory & manufacturing level

0000

Next Generation MRP Software

And much more...

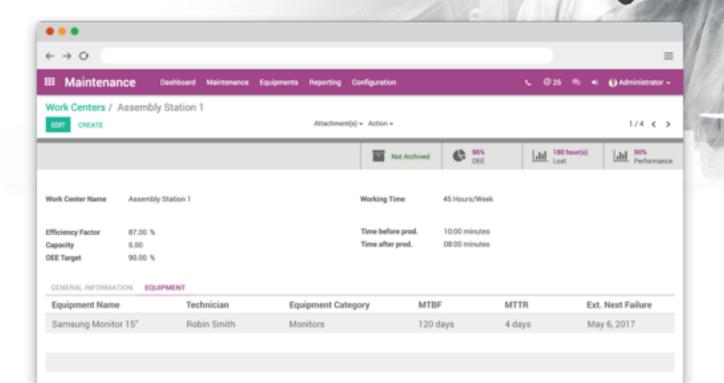
Fully integrated with

- Maintenance & Repairs
- Supply Chain
- Communication Tools
- Sales
- etc...



Maintenance software

For modern manufacturers.





And great reports...

MRP

- Costing
- Traceability
- Time Tracking
- Inventory Forecast

Maintenance

- Overall Equipment Efficiency
- Mean Time Before Failure
- Mean Time to Repair

Quality

- Statistical Process Control
- Root Cause Analysis
- APQP
- PMEA

PLM

- ECO Statistics
- Versions Control (e/m-BoM)

Other improvements

Multi-level Variants Management

Communication mechanism

Supply Chain:

- Blanket Orders
- Purchase Tender & Agreements

Inventory Operations:

- Alerts
- Quality Tests

0000

Next Generation MRP Software



Used and Loved By















































Want to use it?

ETA:

- August 2016: Available in Odoo Online
- October 2016: Odoo 10 Release for on premise