



What changes in the connector with odoo 19?

What's new in the frepple connector for odoo 19?

With Odoo 19 the frepple team took a step back to come up with a new-generation of the Odoo integration.

At a high level, these are the key changes:

- Cleaner separation of the ERP and the APS:
Some activities belong to the ERP. Some activities belong to the APS.
Keep them distinct, rather than mixing them.

- XML is dead. Long live JSON.

The connector is using JSON from now on as the data format.

Frepple now opens as a separate tab, rather than embedding frePPLe in Odoo.

Sales Orders						
Type	Product	Quantity	Start Date	End Date	Vendor	Sales Order
<input type="checkbox"/> purchase	[FURN_1118] Corner...	1.00	Jan 14, 10:12 AM	Jan 14, 10:12 AM	Ready Mat	
<input type="checkbox"/> purchase	[FURN_8900] Drawe...	2.00	Jan 14, 9:13 AM	Jan 14, 9:13 AM	Gemini Furniture	
<input type="checkbox"/> purchase	cushion	16.00	Jan 14, 12:07 PM	Jan 14, 12:07 PM	Lumber Inc	
<input type="checkbox"/> purchase	cushion	10.00	Jan 16, 10:26 AM	Jan 16, 10:26 AM	Lumber Inc	
<input type="checkbox"/> purchase	cushion	10.00	Jan 16, 2:42 PM	Jan 16, 2:42 PM	Lumber Inc	
<input type="checkbox"/> purchase	varnish	50.00	Jan 14, 10:12 AM	Jan 14, 10:12 AM	Azure Interior	
<input type="checkbox"/> purchase	wooden beam - 木头	50.00	Jan 14, 9:27 AM	Jan 14, 9:27 AM	Deco Addict	

Frepple publishes a filtered list of results to odoo as “recommendations”.
PO and MO approvals can now be done directly from within odoo.

1) User interface separation

Before Odoo 19:

- Integrated user interface with frepple as an iframe bottom panel within Odoo
- Confusing “double menu bar” in Odoo

[illegible]

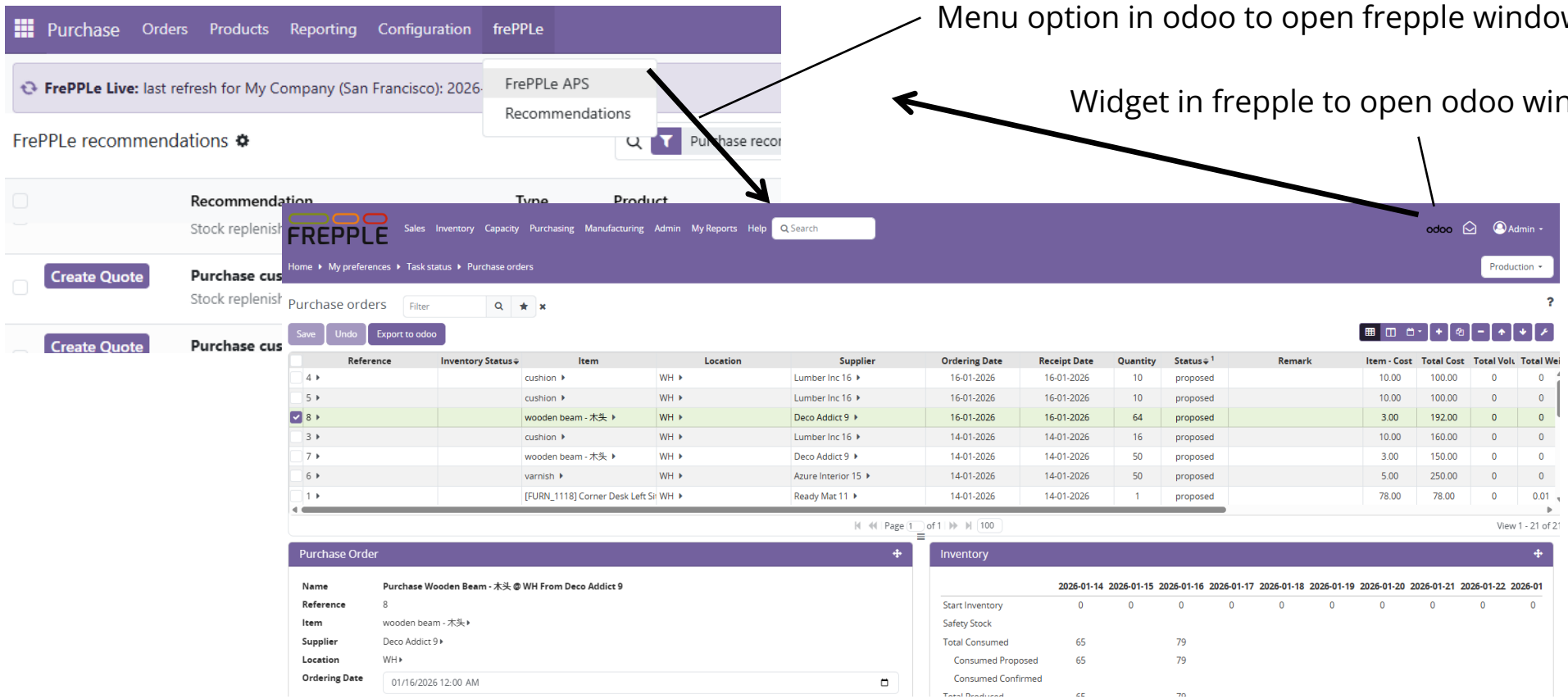
From Odoo 19 onwards:

- Frepple opens in a separate browser tab
- Widget in frepple to open Odoo
- Same single-signon

Why?

ERP activities and APS (advanced planning and scheduling) analysis are very distinct business processes.

Keeping the APS user interface dedicated for advanced plan analysis is more natural than trying to unify it in the ERP.



Menu option in odoo to open frepple window

Widget in frepple to open odoo window

Reference	Inventory Status	Item	Location	Supplier	Ordering Date	Receipt Date	Quantity	Status	Remark	Item - Cost	Total Cost	Total Vol.	Total We
4		cushion	WH	Lumber Inc 16	16-01-2026	16-01-2026	10	proposed		10.00	100.00	0	0
5		cushion	WH	Lumber Inc 16	16-01-2026	16-01-2026	10	proposed		10.00	100.00	0	0
8		wooden beam - 木头	WH	Deco Addict 9	16-01-2026	16-01-2026	64	proposed		3.00	192.00	0	0
3		cushion	WH	Lumber Inc 16	14-01-2026	14-01-2026	16	proposed		10.00	160.00	0	0
7		wooden beam - 木头	WH	Deco Addict 9	14-01-2026	14-01-2026	50	proposed		3.00	150.00	0	0
6		varnish	WH	Azure Interior 15	14-01-2026	14-01-2026	50	proposed		5.00	250.00	0	0
1		[FURN_1118] Corner Desk Left Sil	WH	Ready Mat 11	14-01-2026	14-01-2026	1	proposed		78.00	78.00	0	0.01

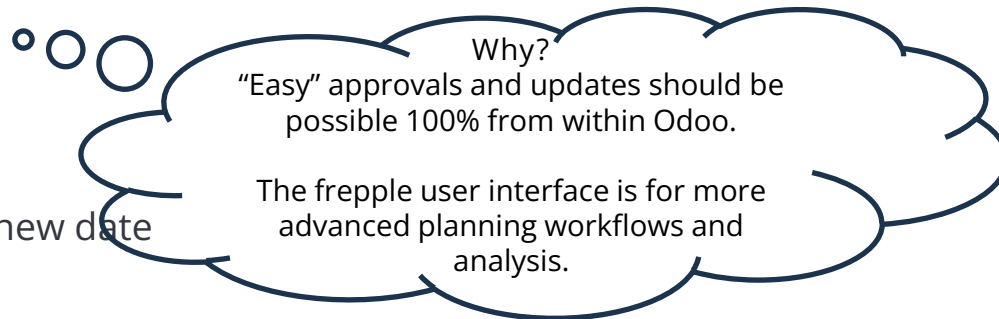
Purchase Order	Inventory																																																																		
Name Purchase Wooden Beam - 木头 WH From Deco Addict 9 Reference 8 Item wooden beam - 木头 Supplier Deco Addict 9 Location WH Ordering Date 01/16/2026 12:00 AM	<table border="1"> <thead> <tr> <th></th> <th>2026-01-14</th> <th>2026-01-15</th> <th>2026-01-16</th> <th>2026-01-17</th> <th>2026-01-18</th> <th>2026-01-19</th> <th>2026-01-20</th> <th>2026-01-21</th> <th>2026-01-22</th> <th>2026-01</th> </tr> </thead> <tbody> <tr> <td>Start Inventory</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Safety Stock</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Consumed</td> <td>65</td> <td></td> <td>79</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Consumed Proposed</td> <td>65</td> <td></td> <td>79</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Consumed Confirmed</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		2026-01-14	2026-01-15	2026-01-16	2026-01-17	2026-01-18	2026-01-19	2026-01-20	2026-01-21	2026-01-22	2026-01	Start Inventory	0	0	0	0	0	0	0	0	0	0	Safety Stock											Total Consumed	65		79								Consumed Proposed	65		79								Consumed Confirmed										
	2026-01-14	2026-01-15	2026-01-16	2026-01-17	2026-01-18	2026-01-19	2026-01-20	2026-01-21	2026-01-22	2026-01																																																									
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2) Frepple recommendations in Odoo

From Odoo 19 onwards:
Frepple sends a list of ERP-relevant planning results as recommendations to Odoo.
Reviewing and accepting these recommendations can be done completely from within Odoo.

Current list of recommendations

- Purchase orders to be placed shortly
- Manufacturing orders to be created shortly
- Manufacturing orders to be rescheduled to a new date
- Sales order delays



Purchase Orders Products Reporting Configuration frePPLe									
FrePPLe Live: last refresh for My Company (San Francisco): 2026-01-21 06:04:59 Generate recommendations									
FrePPLe recommendations ⚙️ 🔍 Purchase recommendations ✕ Search... 1-13 / 13 < >									
<input type="checkbox"/>	Recommendation	Type	Product	Quantity	Start Date	End Date	Vendor	Sales Order	Manufacturing ...
<input type="checkbox"/>	Create Quote Purchase [FURN_1118] Corner Desk Left Sit Stock replenishment	purchase	[FURN_1118] Corner Desk Left...	1.00	Jan 21, 9:00 AM	Jan 21, 9:00 AM	Ready Mat		
<input type="checkbox"/>	Create Quote Purchase [FURN_8900] Drawer Black Stock replenishment	purchase	[FURN_8900] Drawer Black	2.00	Jan 21, 9:00 AM	Jan 21, 9:00 AM	Gemini Fur...		
<input type="checkbox"/>	Create Quote Purchase cushion Stock replenishment	purchase	cushion	16.00	Jan 21, 11:54 AM	Jan 21, 11:54 AM	Lumber Inc		
<input type="checkbox"/>	Create Quote Purchase cushion Stock replenishment	purchase	cushion	10.00	Jan 22, 11:44 AM	Jan 22, 11:44 AM	Lumber Inc		

3) Frepple plan generation

Before odoo 19:

- "Import from odoo" + "Create plan" + "Export to odoo" are separate tasks

From odoo 19 onwards:

- You can run them as a single task.
- (Running as separate task is still possible)

Launch tasks

Create a plan ? +

Launch 2

Load all input data, run the planning algorithm, and export the results.

Planning steps

- ☒ Generate forecast ?
- ☒ Compute inventory parameters ?
- ☒ Generate inventory rebalancing requests ?
- ☒ Generate supply plan ?

Plan type

- ☒ Constrained plan ?
- ☐ Unconstrained plan ?

Constraints

- ☒ Capacity: respect capacity limits ?
- ☒ Manufacturing lead time: do not manufacture in the past ?
- ☒ Purchasing lead time: do not purchase in the past ?

Import data from odoo ? +

Launch 1

Import Odoo data into frePPL.

Export data to odoo ? +

Launch 3

Export frePPL data to odoo.

Launch tasks

Create a plan ? +

Launch

Load all input data, run the planning algorithm, and export the results.

Planning steps

- ☒ Import Odoo data ? 1
- ☒ Generate forecast ? 2
- ☒ Generate supply plan ?
- ☒ Send recommendations to Odoo ? 3

Plan type

- ☒ Constrained plan ?
- ☐ Unconstrained plan ?

Constraints

- ☒ Capacity: respect capacity limits ?
- ☒ Manufacturing lead time: do not manufacture in the past ?
- ☒ Purchasing lead time: do not purchase in the past ?

Import data from odoo ? +

Launch

Import Odoo data into frePPL.

Export data to odoo ? +

Launch

Export frePPL data to odoo.

Why?

The vast majority of frepple users run them always in sequence.
It makes sense to always create a plan with the latest odoo data, isn't it?

4) Frepple names

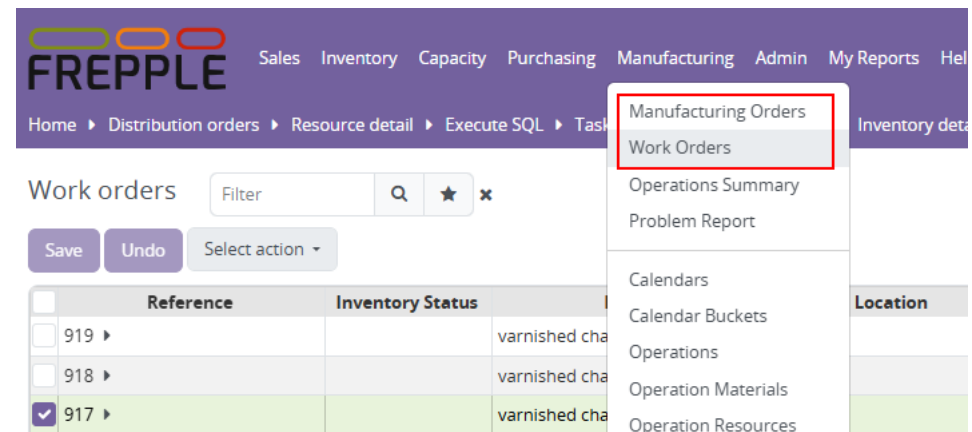
Before frepple 9.13:

- Odoo's "manufacturing orders" and "work orders" are both called "manufacturing orders" in frepple
- Only a small toggle to select what to display



From frepple 9.13 onwards:

- Frepple now natively makes the same distinction between "manufacturing orders" and "work orders"



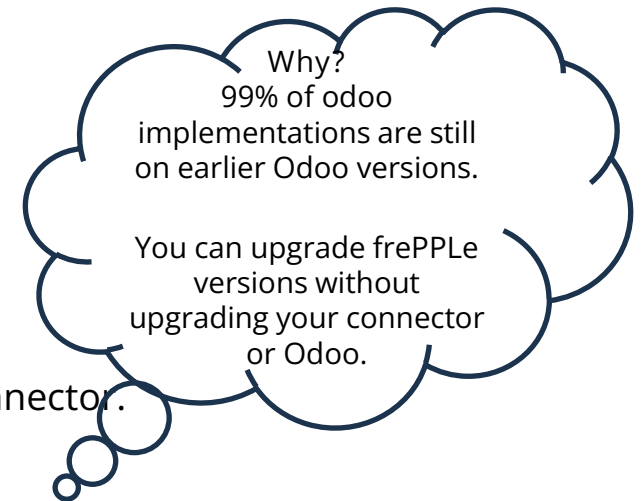
Why?

Aligning names between odoo and frepple simplifies the learning curve.
Simplifies also the day-to-day planner workflows.

You're not on Odoo 19 yet?

How do these changes impact current users of the connector?

- New frePPLe releases remain compatible with the old-style connector. Odoo data in XML format will continue to be supported.
- The changes on the frePPLe side will also be available for people using the old-style connector. Eg link back to Odoo, ability to run import & plan in a single step, etc... Eg The "Send recommendations to Odoo" will be visible but won't do anything
- The old-style way of approving proposals in frePPLe will continue to be supported. We don't force people to use the recommendations from within Odoo.
- What you will NOT have are the changes on Odoo side. Eg recommendations from frePPLe, opening of frePPLe in new tab.
- If the new change are stable and received well by users, the frePPLe team may bring the changes from Odoo 19 also available on older versions of the Odoo connector (except the xml format change)



TRY IT OUT?

An online demo of all new features:

<https://odoo19.frepple.com>

See how it is compatible with older odoo releases:

<https://odoo18.frepple.com>