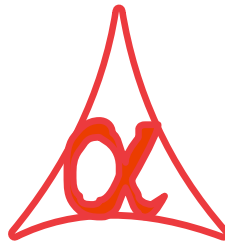




POWER OF SIMPLICITY

BOM vs Actual Consumption Variance Report for
Manufacturing Entry– 1.0



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Version: Alpha Automation Pvt. Ltd/ BOM vs Actual Consumption Variance Report for Manufacturing Entry/ 1.0/May -2024.

BOM vs Actual Consumption Variance Report for Manufacturing Entry– 1.0

Introduction

In manufacturing entries, the comparison between Bill of Materials (BOM) and actual consumption is very important. The BOM outlines the materials required for production, while actual consumption reflects Actual Usage of the Material during Production. Discrepancies indicate potential inefficiencies like over/under utilization of resources.

Benefits

- Helps in analyzing BOM versus actual consumption enabling to identify areas for improvement, optimize resource allocation, enhance quality control measures
- Useful to generate all manufacturing voucher variance report in one report and also single voucher report during entry.
- User can filter report by f12 – configure button given.

What's New?

- Computable With Tally Prime.

Important!

Take back up of your company data before activating the Add-on.

Once you try/purchase an Add-on, follow the steps below to configure the Add-on and use it.

Installation

1. Copy the TCP file in TallyPrime Folder.
2. Gateway of Tally → F1 (Help)→ TDL & Add-on → F4 (Manage Local TDL) → Select Yes in Load TDL on Startup and give the file name of TCP File. After pressing the Enter Key will show TDL Status which should be as Loaded.

System requirements:

No additional hardware / software infrastructure is required for executing and operation this applications module

1. Activate the Add-on.

For Tally Prime Release 1.0

Go to **Gateway of Tally** → **F1: Help** → **TDL & Add-On** → **F6: Add-On Features**.

Alternatively, you may press **CTRL + ALT + T** from any menu to open TDL Management report and then press **F6: Add-On Features**

Set “Yes” to the option “Enable BOM vs Actual Consumption Variance Report for Manufacturing Entry?”

Add-On Features

Enable BOM vs Actual Consumption Variance Report for Manufacturing Entry ? **Yes**

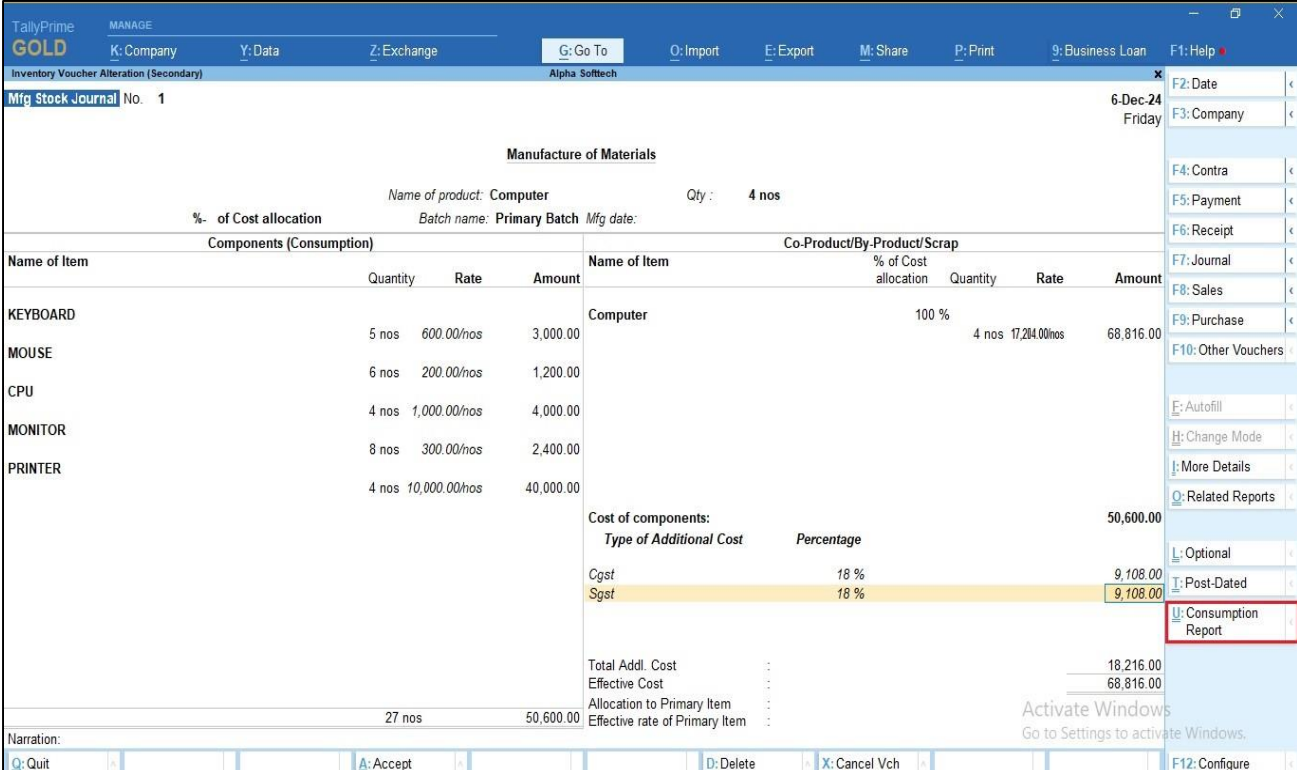
Accept ?
Yes or No

2. Go to Gateway of Tally → Alter → Stock item → Create BOM as shown below.

BoM Name	: 4 GB RAM
Components of	: Computer
Unit of manufacture	: 1 nos
Item	Quantity
KEYBOARD	1 nos
MOUSE	1 nos
CPU	1 nos
MONITOR	1 nos
PRINTER	1 nos

3. Create manufacturing journal voucher of above BOM created stock item.

- Click on button consumption report as shown below.



Mfg Stock Journal No. 1 6-Dec-24 Friday

Manufacture of Materials

Name of product: Computer Qty : 4 nos

%- of Cost allocation Batch name: Primary Batch Mfg date:

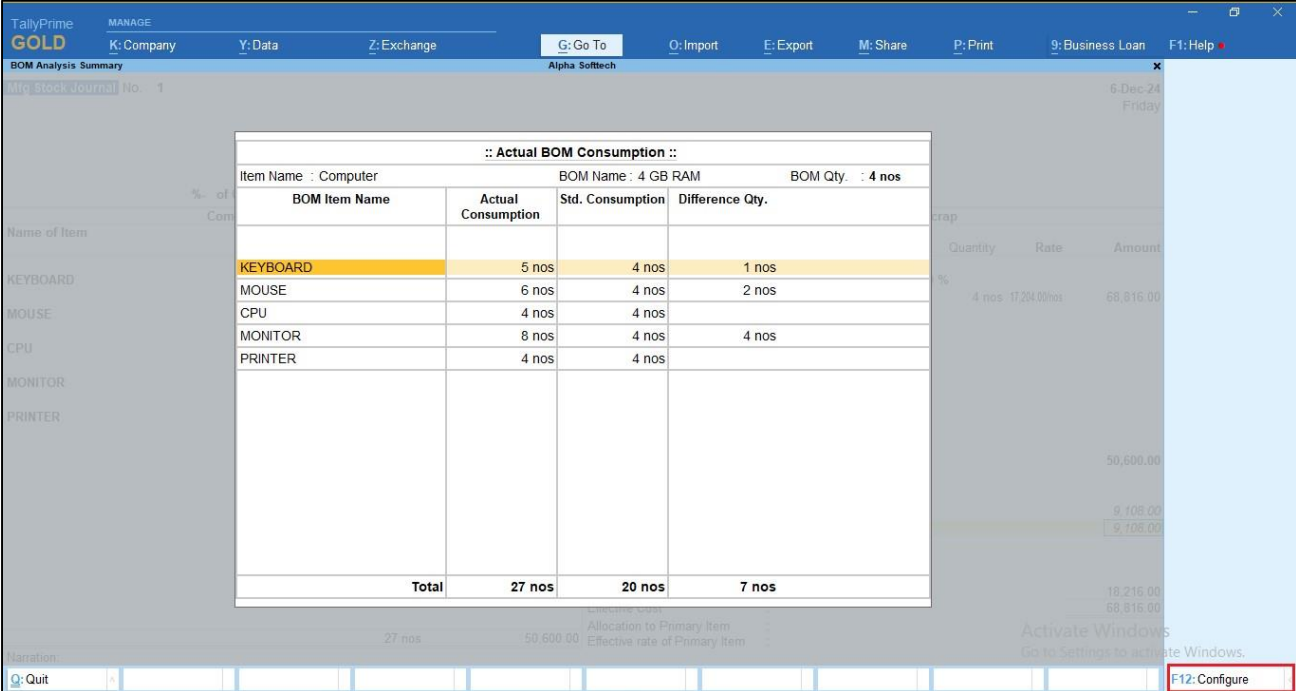
Components (Consumption)				Co-Product/By-Product/Scrap				
Name of Item	Quantity	Rate	Amount	Name of Item	% of Cost allocation	Quantity	Rate	Amount
KEYBOARD	5 nos	600.00/nos	3,000.00	Computer	100 %	4 nos	17,204.00/nos	68,816.00
MOUSE	6 nos	200.00/nos	1,200.00					
CPU	4 nos	1,000.00/nos	4,000.00					
MONITOR	8 nos	300.00/nos	2,400.00					
PRINTER	4 nos	10,000.00/nos	40,000.00					
			Cost of components:					50,600.00
			<i>Type of Additional Cost</i>	<i>Percentage</i>				
			Cgst	18 %				9,108.00
			Sgst	18 %				9,108.00
			Total Addl. Cost	:				18,216.00
			Effective Cost	:				68,816.00
			Allocation to Primary Item	:				
			Effective rate of Primary Item	:				
			27 nos					50,600.00

Narration:

Q: Quit A: Accept D: Delete X: Cancel Vch F12: Configure

Right Panel: F2: Date, F3: Company, F4: Contra, F5: Payment, F6: Receipt, F7: Journal, F8: Sales, F9: Purchase, F10: Other Vouchers, E: Autofill, H: Change Mode, I: More Details, Q: Related Reports, L: Optional, T: Post-Dated, U: Consumption Report (highlighted), F12: Configure

4. Consumption report is display as shown below.



:: Actual BOM Consumption ::			
Item Name : Computer		BOM Name : 4 GB RAM	
		BOM Qty. : 4 nos	
BOM Item Name	Actual Consumption	Std. Consumption	Difference Qty.
KEYBOARD	5 nos	4 nos	1 nos
MOUSE	6 nos	4 nos	2 nos
CPU	4 nos	4 nos	
MONITOR	8 nos	4 nos	4 nos
PRINTER	4 nos	4 nos	
Total	27 nos	20 nos	7 nos

**5. Click on f12 – Configure button to know more details of consumption report
→ set yes to option as per your requirement**

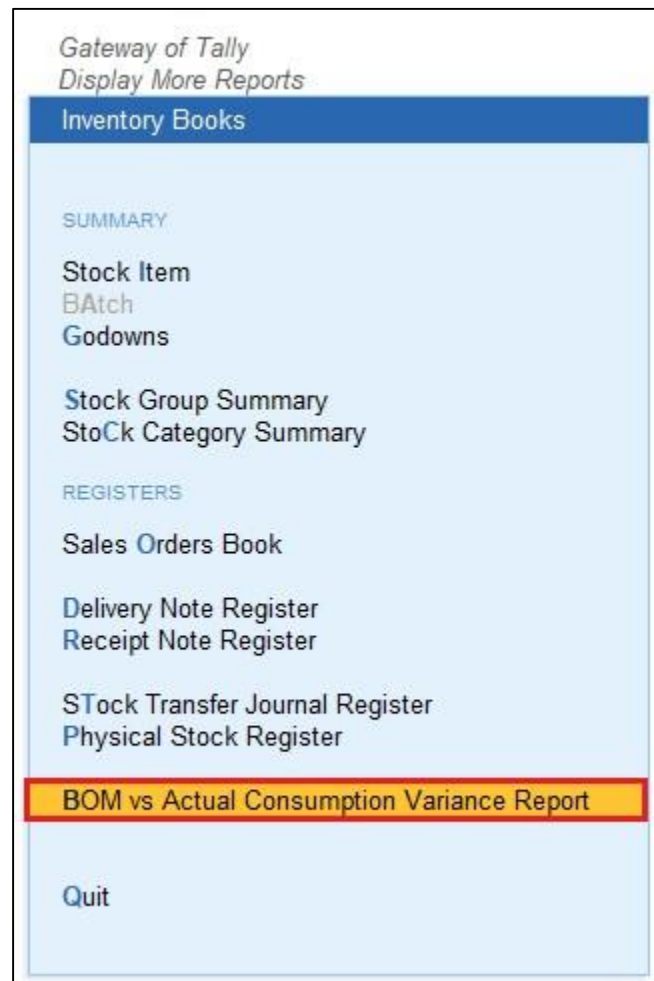
:: Configuration ::	
Show Production Godown ?	Yes
Show Production Batch	Yes
Show Alt. Qty.	Yes
Show Consumption Godown ?	Yes
Show Consumption Batch	Yes
Show Rate	Yes
Show Amount	Yes

6. As per the above configuration the consumption report is shown as below.

TallyPrime MANAGE GOLD							
K: Company Y: Data Z: Exchange G: Go To O: Import E: Export M: Share P: Print 9: Business Loan F1: Help							
BOM Analysis Summary Alpha Softtech							
:: Actual BOM Consumption ::							
Item Name : Computer		BOM Name : 4 GB RAM		BOM Qty. : 4 nos			
Godown : Main Location		Batch : Primary Batch					
BOM Item Name	Godown	Batch	Actual Consumption	Std. Consumption	Difference Qty.	Actual Consumption (Alt. Qty.)	Std. Consumption (Alt. Qty.)
KEYBOARD	Main Location	Primary Batch	5 nos	4 nos	1 nos	5 nos	4 nos
MOUSE	Main Location	Primary Batch	6 nos	4 nos	2 nos	6 nos	4 nos
CPU	Main Location	Primary Batch	4 nos	4 nos		4 nos	4 nos
MONITOR	Main Location	Primary Batch	8 nos	4 nos	4 nos	8 nos	4 nos
PRINTER	Main Location	Primary Batch	4 nos	4 nos		4 nos	4 nos
Total			27 nos	20 nos	7 nos	27 nos	20 nos

TallyPrime MANAGE GOLD								
K: Company Y: Data Z: Exchange G: Go To O: Import E: Export M: Share P: Print 9: Business Loan F1: Help								
BOM Analysis Summary Alpha Softtech								
:: Actual BOM Consumption ::								
Item Name : Computer		BOM Name : 4 GB RAM		BOM Qty. : 4 nos				
Godown : Main Location		Batch : Primary Batch						
Std. Consumption	Difference Qty.	Actual Consumption (Alt. Qty.)	Std. Consumption (Alt. Qty.)	Difference Qty. (Alt. Qty.)	Rate	Actual Amount	Std. Amount	Difference Amount
4 nos	1 nos	5 nos	4 nos	1 nos	600.00	3,000	2,400	600
4 nos	2 nos	6 nos	4 nos	2 nos	200.00	1,200	800	400
4 nos		4 nos	4 nos		1,000.00	4,000	4,000	
4 nos	4 nos	8 nos	4 nos	4 nos	300.00	2,400	1,200	1,200
4 nos		4 nos	4 nos		10,000.00	40,000	40,000	
20 nos		7 nos	27 nos	20 nos		50,600	48,400	2,200

**7. Go to gate way of tally → Inventory books → BOM vs Consumption
Variance Report**



8. BOM vs Consumption Variance Report of multiple Mfg. voucher report is display as shown below.

Actual BOM Consumption Summary								
Vch. No.	Vch. Date	BOM Item	BOM Name	BOM Qty	Consumption Item	Actual Consumption	Std. Consumption	Difference Qty.
1	6-12-2024	Computer	4 GB RAM	4 nos	KEYBOARD	5 nos	4 nos	1 nos
1	6-12-2024	Computer	4 GB RAM	4 nos	MOUSE	6 nos	4 nos	2 nos
1	6-12-2024	Computer	4 GB RAM	4 nos	CPU	4 nos	4 nos	
1	6-12-2024	Computer	4 GB RAM	4 nos	MONITOR	8 nos	4 nos	4 nos
1	6-12-2024	Computer	4 GB RAM	4 nos	PRINTER	4 nos	4 nos	
3	6-12-2024	MONITOR	27 inch	6 nos	Lcd Screen	7 nos	6 nos	1 nos
3	6-12-2024	MONITOR	27 inch	6 nos	film transistor	6 nos	6 nos	
3	6-12-2024	MONITOR	27 inch	6 nos	Power Cable	9 nos	6 nos	3 nos
2	7-12-2024	Computer	64 GB RAM	6 nos	CPU	6 nos	6 nos	
2	7-12-2024	Computer	64 GB RAM	6 nos	KEYBOARD	5 nos	6 nos	(-)1 nos
2	7-12-2024	Computer	64 GB RAM	6 nos	MONITOR	6 nos	6 nos	
2	7-12-2024	Computer	64 GB RAM	6 nos	MOUSE	8 nos	6 nos	2 nos
2	7-12-2024	Computer	64 GB RAM	6 nos	PRINTER	6 nos	6 nos	
Total						80 nos	68 nos	

9. Click on f12 – Configure button to know more details of consumption report → set yes to option as per your requirement

:: Configuration ::	
Show Voucher Type	? Yes
Show Production Godown	? Yes
Show Production Batch	? Yes
Show Consumption Godown	? Yes
Show Consumption Batch	? Yes
Show Alt. Qty.	? Yes
Show Rate	? Yes
Show Amount	? Yes

10. As per the above configuration the BOM vs Consumption Variance Report of multiple Mfg. voucher report is shown below.

TallyPrime MANAGE
GOLD K: Company Y: Data Z: Exchange G: Go To O: Import E: Export M: Share P: Print 9: Business Loan F1: Help
 Actual BOM Consumption Summary Report Alpha Softtech

Actual BOM Consumption Summary 1-Dec-24 to 12-Dec-24

Vch. Type	Vch. No.	Vch. Date	BOM Item	Production Godown	Production Batch	BOM Name
Mfg Stock Journal	1	6-12-2024	Computer	Main Location	Primary Batch	4 GB RAM
Mfg Stock Journal	1	6-12-2024	Computer	Main Location	Primary Batch	4 GB RAM
Mfg Stock Journal	1	6-12-2024	Computer	Main Location	Primary Batch	4 GB RAM
Mfg Stock Journal	1	6-12-2024	Computer	Main Location	Primary Batch	4 GB RAM
Mfg Stock Journal	1	6-12-2024	Computer	Main Location	Primary Batch	4 GB RAM
Mfg Stock Journal	3	6-12-2024	MONITOR	Main Location	Primary Batch	27 inch
Mfg Stock Journal	3	6-12-2024	MONITOR	Main Location	Primary Batch	27 inch
Mfg Stock Journal	3	6-12-2024	MONITOR	Main Location	Primary Batch	27 inch
Mfg Stock Journal	2	7-12-2024	Computer	Main Location	Primary Batch	64 GB RAM
Mfg Stock Journal	2	7-12-2024	Computer	Main Location	Primary Batch	64 GB RAM
Mfg Stock Journal	2	7-12-2024	Computer	Main Location	Primary Batch	64 GB RAM
Mfg Stock Journal	2	7-12-2024	Computer	Main Location	Primary Batch	64 GB RAM
Mfg Stock Journal	2	7-12-2024	Computer	Main Location	Primary Batch	64 GB RAM
Total						

Activate Windows
Go to Settings to activate Windows.

TallyPrime MANAGE
GOLD K: Company Y: Data Z: Exchange G: Go To O: Import E: Export M: Share P: Print 9: Business Loan F1: Help
 Actual BOM Consumption Summary Report Alpha Softtech

Actual BOM Consumption Summary 1-Dec-24 to 31-Dec-24

BOM Name	BOM Qty	Consumption Item	Consumption Godown	Consumption Batch	Actual Consumption	Std. Consumption	Difference Qty.
4 GB RAM	4 nos	KEYBOARD	Main Location	Primary Batch	5 nos	4 nos	1 nos
4 GB RAM	4 nos	MOUSE	Main Location	Primary Batch	6 nos	4 nos	2 nos
4 GB RAM	4 nos	CPU	Main Location	Primary Batch	4 nos	4 nos	
4 GB RAM	4 nos	MONITOR	Main Location	Primary Batch	8 nos	4 nos	4 nos
4 GB RAM	4 nos	PRINTER	Main Location	Primary Batch	4 nos	4 nos	
27 inch	6 nos	Lcd Screen	Main Location	Primary Batch	7 nos	6 nos	1 nos
27 inch	6 nos	film transistor	Main Location	Primary Batch	6 nos	6 nos	
27 inch	6 nos	Power Cable	Main Location	Primary Batch	9 nos	6 nos	3 nos
64 GB RAM	6 nos	CPU	Main Location	Primary Batch	6 nos	6 nos	
64 GB RAM	6 nos	KEYBOARD	Main Location	Primary Batch	5 nos	6 nos	(-)1 nos
64 GB RAM	6 nos	MONITOR	Main Location	Primary Batch	6 nos	6 nos	
64 GB RAM	6 nos	MOUSE	Main Location	Primary Batch	8 nos	6 nos	2 nos
64 GB RAM	6 nos	PRINTER	Main Location	Primary Batch	6 nos	6 nos	
					80 nos	68 nos	12 nos

Activate Windows
Go to Settings to activate Windows.

Actual BOM Consumption Summary Report									
1-Dec-24 to 31-Dec-24									
Std. Consumption	Difference Qty.	Actual Consumption (Alt. Qty.)	Std. Consumption (Alt. Qty.)	Difference Consumption (Alt. Qty.)	Rate	Actual Amount	Std. Amount	Difference Amount	
4 nos	1 nos	5 nos	4 nos	1 nos	600.00	3,000.00	2,400.00	600.00	
4 nos	2 nos	6 nos	4 nos	2 nos	200.00	1,200.00	800.00	400.00	
4 nos		4 nos	4 nos		1,000.00	4,000.00	4,000.00		
4 nos	4 nos	8 nos	4 nos	4 nos	300.00	2,400.00	1,200.00	1,200.00	
4 nos		4 nos	4 nos		10,000.00	40,000.00	40,000.00		
6 nos	1 nos	7 nos	6 nos	1 nos	600.00	4,200.00	3,600.00	600.00	
6 nos		6 nos	6 nos		500.00	3,000.00	3,000.00		
6 nos	3 nos	9 nos	6 nos	3 nos	300.00	2,700.00	1,800.00	900.00	
6 nos		6 nos	6 nos		1,000.00	6,000.00	6,000.00		
6 nos	(-)1 nos	5 nos	6 nos	(-)1 nos	300.00	1,500.00	1,800.00	(-)300.00	
6 nos		6 nos	6 nos		600.00	3,600.00	3,600.00		
6 nos	2 nos	8 nos	6 nos	2 nos	300.00	2,400.00	1,800.00	600.00	
6 nos		6 nos	6 nos		10,000.00	60,000.00	60,000.00		
68 nos	12 nos	80 nos	68 nos	12 nos		1,34,000.00	1,30,000.00	4,000.00	

11. User can filter the report as per the voucher type and BOM item

Search Voucher Type :

Select Vouchertype

- ◆ Not Applicable
- Mfg Stock Journal

Search BOM Item Name : **Computer**

Search BOM Name :

Select BOM Name

- ◆ All Items
- 4 GB RAM
- 64 GB RAM
- 8 GB RAM

12. As per the above selection the BOM vs Consumption Variance Report of Mfg. voucher report is shown below.

Actual BOM Consumption Summary Report							1-Dec-24 to 31-Dec-24		
Vch. Type	Vch. No.	Vch. Date	BOM Item	BOM Name	BOM Qty	Consumption Item	Actual Consumption	Std. Consumption	Difference Qty.
Mfg Stock Journal	1	6-12-2024	Computer	4 GB RAM	4 nos	KEYBOARD	5 nos	4 nos	1 nos
Mfg Stock Journal	1	6-12-2024	Computer	4 GB RAM	4 nos	MOUSE	6 nos	4 nos	2 nos
Mfg Stock Journal	1	6-12-2024	Computer	4 GB RAM	4 nos	CPU	4 nos	4 nos	
Mfg Stock Journal	1	6-12-2024	Computer	4 GB RAM	4 nos	MONITOR	8 nos	4 nos	4 nos
Mfg Stock Journal	1	6-12-2024	Computer	4 GB RAM	4 nos	PRINTER	4 nos	4 nos	

FAQ

Which version/release of Tally Prime does the add-on support?

This add-on will work only from Tally Prime Release 1.0 onwards.

How will I get support for this add-on?

For any functional support requirements please do write to us on mail@aaplautomation.com or call us at +91-288-2713956/57/58, +91-9023726215/16/17/18, 9099908115, 9825036442.

If I need some enhancements / changes to be incorporated for the add-on, whom should I contact?

Please to write to us on mail@aaplautomation.com with your additional requirements and we will revert to you in 24 hours.

Will new features added be available to us?

We offer one year availability of all support and new features free of cost. After one year, nominal subscription cost will be applicable to you to continue to get free support and updates.

What will happen after one year?

There is no fixed annual charge to be payable mandatory. However if any changes are required in our Add-On to make compatible with New Release of Tally cPrime then the modification Charges will be applied.

I am using a multi-site. Can I use the same Add-on for all the sites?

No, one Add-on will work only for 1 site. You need to purchase again if you want to use the same Add-on for more sites.

TDL Management screen shows errors with the Add-on. What do I do?

Check whether the error is because of the Add-on or because of clashes between 2 TDLs (An add-on is also a TDL). In case of clashes, disable one or more TDLs and check which TDL has the error. If the Add-on has a problem, you can report it to us.

My Tally went into educational mode after installing the add-on. What do I do?

Go into **Gateway of Tally** → **Press F1 (Help)** → **TDL & Add-on** → **Press F4** and remove the Add-on from the list and Restart Tally.