

MRP Update Process

Trent Limited

Process Document

This user's guide includes the Process Document defined for the application.

Prepared By: Leena Patil

Version Number: 1.0.0

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REVISION HISTORY

Revision Number	Date	Prepared By	Reviewed By	Comment
1.0	10-Jan-2023	Leena Patil	Suraj Raut	Process Document

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1 PROTOCOL APPROVAL

Prepared By		
Name	Designation	Signature & Date
Leena Patil	Technical Writer	
Checked By		
Name	Designation	Signature & Date
Suraj Raut	Software Engineer	

Approved By			
Department	Name	Designation	Signature & Date
Software	Ritu Kapoor	Head of Engineering	

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2 PURPOSE

The purpose of process document to understand the MRP update flow.

3 SCOPE

The scope of this document is to perform the process for MRP Update.

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4 PROCESS EXECUTION

1. Receive the data from SAP in **tblSAPMovementDetailMaster** table according to movement type.

The data will be received to **tblSAPMovementDetailMaster table.*

2. Pick latest MRP from **tblScan** table store-wise:

SQLQuery5.sql - TH..._PROD (bcil (122)) SQLQuery3.sql - TH..._PROD (bcil (141)) SQLQuery4.sql - TH...A_PROD (bcil (93))

```
1 select * from tblScan order by ref desc
```

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	Ref	EanCode	Item	MFGDATE	EXPDate	TIHL	Qty	MRP	Status	PONo	STO
1	3900329	8904296903828	1357241	Jan 10, 2023 12:00:00 AM	Jan 14, 2023 12:00:00 AM		500	150	0	5900731079	NULL
2	3900328	8904296903842	1357283	Jan 10, 2023 12:00:00 AM	Jan 12, 2023 12:00:00 AM		400	130	0	5900731079	NULL
3	3900327	8908006646692	1414369	Jan 10, 2023 12:00:00 AM	Jan 10, 2023 12:00:00 AM		72	120	0	5900731031	NULL
4	3900326	8908006646920	1414371	Jan 10, 2023 12:00:00 AM	Jan 10, 2023 12:00:00 AM		96	120	0	5900732128	NULL
5	3900325	2157630000000	1018397	Jan 9, 2023 12:00:00 AM	Apr 10, 2023 12:00:00 AM		50	7500	1	5900729393	NULL
6	3900324	8902834004976	1307942	Jan 7, 2023 12:00:00 AM	Apr 7, 2023 12:00:00 AM		495	470	1	5900731358	NULL
7	3900323	8902834004976	1307942	Jan 7, 2023 12:00:00 AM	Apr 7, 2023 12:00:00 AM		450	470	1	5900730945	NULL

3. Update the MRP in **tblBatch** table:

SQLQuery5.sql - TH..._PROD (bcil (122)) SQLQuery3.sql - TH..._PROD (bcil (141)) SQLQuery4.sql - TH...A_PROD (bcil (93))

```
1 select * from tblBatch
```

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	REF	STORE	ITEM	QTY	BATCH_NUM	MRP	CREATEDON	SAPUPDATE	MODIFIEDON	CUSTOMER
1	2891271	DC14	1386133	0	B22004565911	80	2022-11-21 05:30:01.153	2	2022-12-19 05:30:00.660	NULL
2	2891272	DC14	1386540	0	B22004565912	50	2022-11-21 05:30:01.153	2	2022-12-26 05:30:00.320	NULL
3	2891273	DC14	1406885	0	B22004565913	45	2022-11-21 05:30:01.153	2	2022-12-26 05:30:00.320	NULL
4	2891274	DC14	1412109	0	B22004565914	300	2022-11-21 05:30:01.153	2	2022-12-26 05:30:00.320	NULL
5	2891275	DC14	1412224	0	B22004565915	160	2022-11-21 05:30:01.153	2	2022-12-26 05:30:00.320	NULL
6	2891276	DC14	1416781	0	B22004565916	220	2022-11-21 05:30:01.153	2	2022-12-26 05:30:00.320	NULL
7	2891277	DC13	1416216	0	B22004565917	260	2022-11-21 05:30:01.153	2	2022-12-12 05:30:00.707	NULL
8	2891278	DC14	1022953	28	B22004565918	75	2022-11-21 05:30:01.153	2	2022-12-19 05:30:00.660	NULL

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4. Store wise MRP will be created in **tableSAPMRPUpdate** table.

SQLQuery5.sql - TH..._PROD (bcil (122)) SQLQuery3.sql - TH..._PROD (bcil (141)) SQLQ

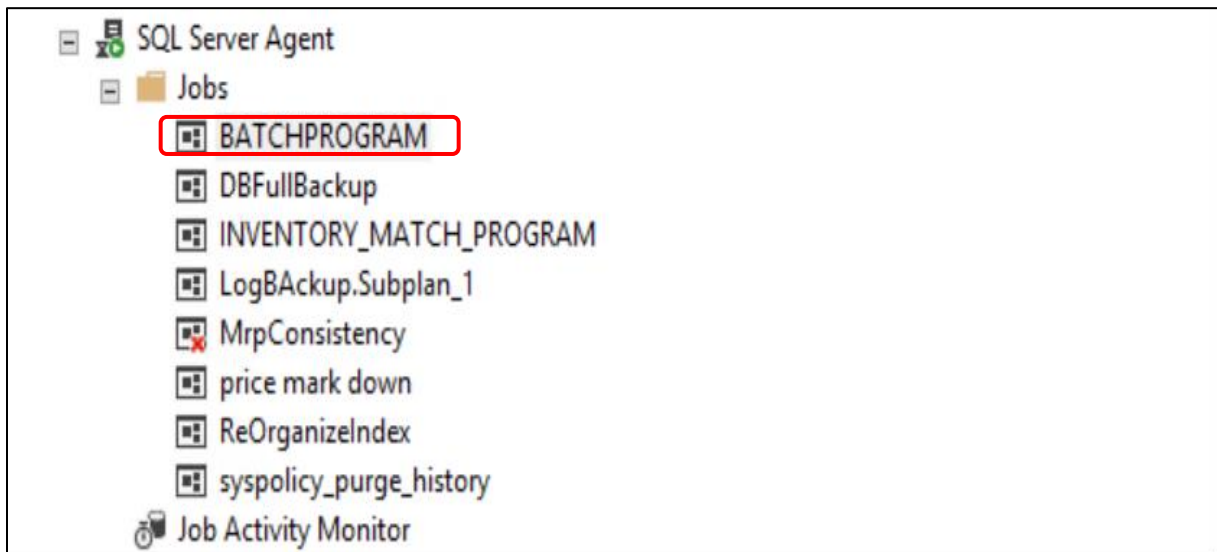
```
1 | select * from tblSAPMRPUpdate where STATUS=0
```

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Results Messages

	REF	CUSTOMER	ITEM	MRP	STATUS	CREATEDON
1	5538823	T026	1372656	330	0	2023-01-09 00:15:20.810
2	5538824	T027	1372656	330	0	2023-01-09 00:15:20.953
3	5538825	T026	1402561	285	0	2023-01-09 00:15:28.240
4	5538826	T026	1346581	20	0	2023-01-09 00:17:52.517
5	5538827	T026	1346581	20	0	2023-01-09 00:17:52.583
6	5538828	T026	1346581	20	0	2023-01-09 00:17:52.583
7	5538829	T027	1346581	20	0	2023-01-09 00:17:52.600

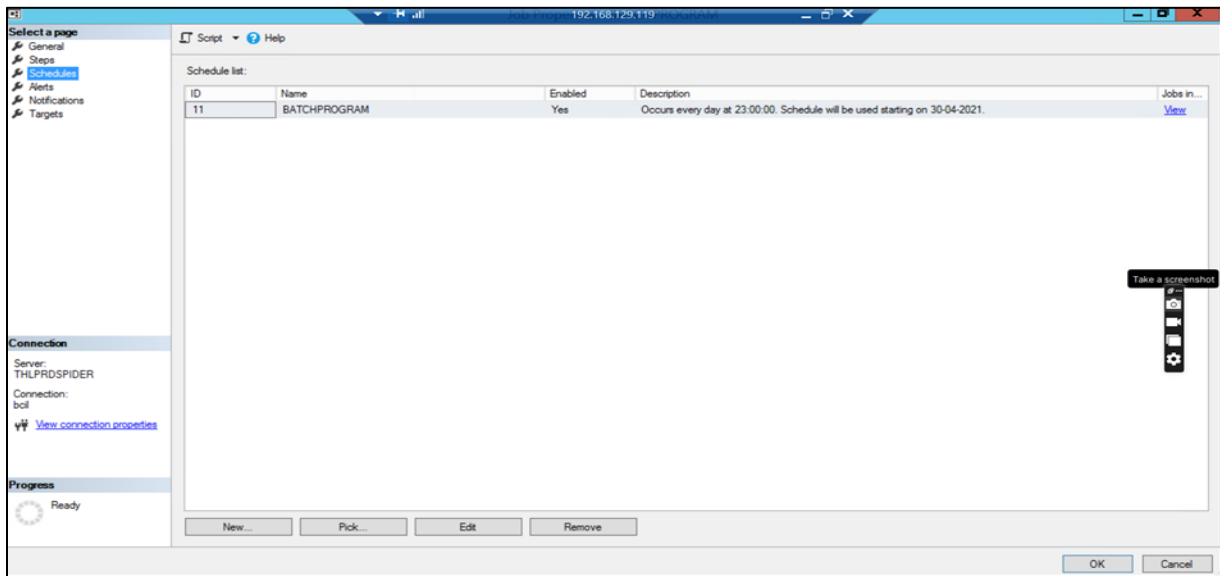
5. Then the store wise data will be posted to SAP.
6. Batch program in the SQL Server Agent will be scheduled to update the MRP.



7. Data updated time is set in the Batch Program by use of Scheduler.

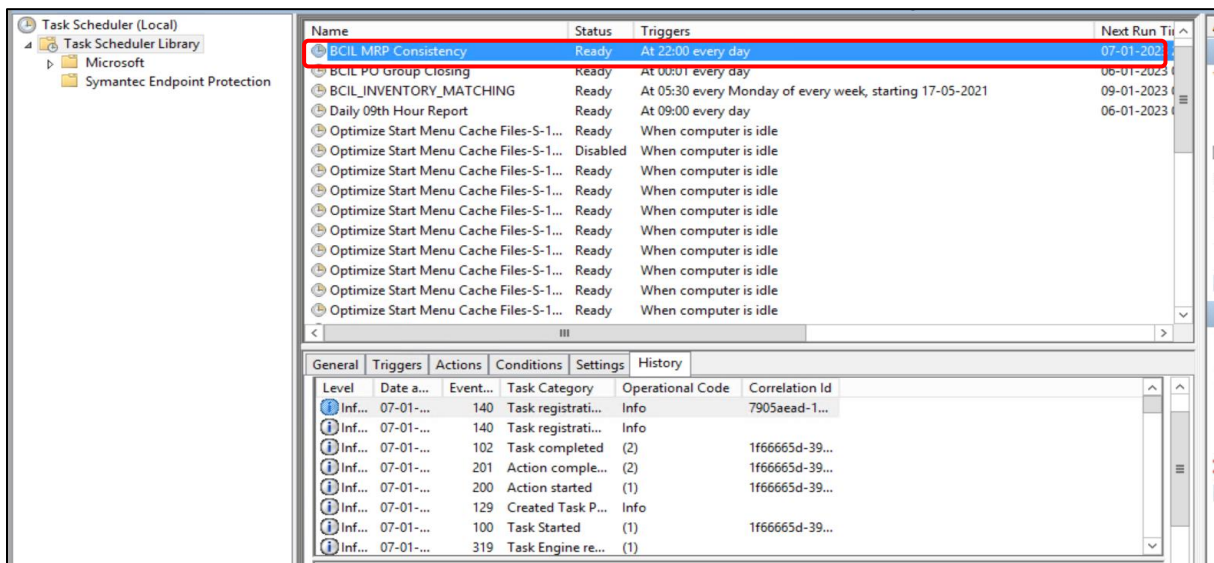
**The MRP update time is set at 23:00 pm every night.*

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8. The Task Scheduler will be used to automatically trigger the transfer of data to SAP once the MRP update process has been completed.

**This transfer will occur daily at 22:00 pm.*



9. The data gets posted to SAP after the completion of the above process.

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5 SUMMARY AND CONCLUSION

This document outlines the process for transferring MRP data to SAP, including uploading the MRP data and synchronizing it with SAP using the steps outlined in the document.

The process steps for transferring data are outlined in the document, providing the user with an understanding of how to upload and store data in SAP.

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MRP Update, Trent Limited

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