

Visualized stock out and order delay information Added Pivot function that can be used to make PSI table

Production scheduler Asprova APS Ver.9 released

Production scheduling software company Asprova Corporation (headquarter: Tokyo, President: Takahashi Kuniyoshi), released English new version 「Asprova APS ver.9.0.0」 on September 5, 2011.

We added Pivot function in Asprova APS Ver.9, which is similar to Microsoft Excel pivot function. On Asprova speed sheet (Asprova Sheet), it is able to aggregate, make PSI (※)table and visualize stock out and order delay and so on.

※PSI : Summary of Production or Procurement, Sales, Inventory

In addition, specially for Pharmaceuticals field, we added split condition expression function that can assign multi-shift worker take over continuous work; schedule workers' jobs who do tank cleaning or change mold that happened under some conditions, previously difficult staffing plan can be made easily.

Please click here to download our free trial version.

http://www.asprova.com/en/asprova/implementation_steps.html#free_trial_version

Asprova case studies for your reference:

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Asprova Contact:

Global@asprova.com

We will reply you in 3 working days.

It is possible to aggregate scheduling results freely and realize visualization by Pivot function

The pivot feature such as:

- Aggregate the quantities for each item and order based on due date
- Display scheduling results to PSI table, show supply and demand by day or week bucket.
- Aggregate each material batch charging date and quantities based on facilities

You can aggregate by row or column and display the results with pivot function.

The aggregate period also can be specified, it is very flexible.

As an application example of pivot function, PSI table is often used, we has added it as a standard table.

You can either use the PSI table directly, or customize to make your own PSI table by changing the settings of pivot.

	Item Grade	Item	Label	Initial value	2011 22week	2011 23week	2011 24week	2011 25week
1	Grade1	A	Manufacturi		100	200	1100	300
2			Sales		120	685	700	
3			Inventory	80	60	-425	-25	275
4		B	Manufacturi		100	200	700	200
5			Sales		240	545	460	
6			Inventory	100	-40	-385	-145	55
7		C	Manufacturi		200	200	600	200
8			Sales		320	550	320	
9			Inventory	75	-45	-395	-115	85
10	Grade2	D	Manufacturi		200	100	800	100

【Pivot function aggregated table】

Specify conditions such as working in straddle split days, separate shift. Make exact plan for shift workers

The condition expression function added to ver.9, can deal with separated shift and straddle days, specify intermit time, etc. split jobs dynamically.

For example, 2-shift and 3-shift workers that work synchronously with facilities, you need to assign workers to take over following their shift patterns.

2012	Split condition	Split operation	6/3(Sun)	6/4(Mon)	6/5(Tue)
TankB(Split)	1h<ME.S	0S	3 3 3 3	4 4 4 4	7
OperatorB1			3	3	4
OperatorB2			3	4	4
OperatorB3				3	4 7

【the scheduling results of using split condition expression to assign 3- shift worker】

Enhanced event option function. Make plan for workers that do cleaning or maintenance

Such as cumulative production volume or production time, can be assigned to work with automatic cleaning and maintenance events. We enhanced event option function, you can operate in Master table when assign event work. So, you can assign several workers at the same time to do event work such as cleaning and maintenance.

In addition, material (detergent) needed for cleaning and maintenance also can be calculated.

2012	6/7(Thu)		6/8(Fri)		6/11(Mon)		6/12(Tue)		6/13(Wed)		6/14(Thu)		6/15(Fri)		6/18(Mon)					
	6	12	18	6	12	18	6	12	18	6	12	18	6	12	18	6	12	18		
Tank	02 Pr 30	07 Product 90	03 Pr 25	E0 Mix 1	04 Prod 60	11 Prod 60	12 Prod 50	E0 Mix 1	13 Prod 50	14 Prod 50	15 Prod 50	E0 Mix 1	05 Product 100	06 Pr 30	01 Prod 50	E0 Mix 1	09 Pr 35	08 Produ 80	10 Pr 50	E0 Mix 1
CleaningWorker1								E0054 Mix1Cleaning 1								E0056 Mix1Cleaning 1				
CleaningWorker2				E0053 Mix1Cleaning 1							E0055 Mix1Cleaning 1									E0057 Mix1Cleaning 1

【workers' work schedule according cleaning event】

Asprova has added many other new functions except the above.

Please download the newest version from here:

http://www.asprova.com/en/asprova/implementation_steps.html#free_trial_version

About Asprova APS

Asprova APS is a production scheduler that creates production schedules at high speed for multiple items and multiple processes, it is capable of simultaneously considering the capacities of individual machines and workers to produce realistically executable work instructions with accuracy measurable in seconds. Asprova enables manufacturers to realize visual management by creating high-precision schedules for several months into the future, and facilitates profit increase by shortening lead times, reducing inventory, and increasing on-time deliveries.

Asprova has been deployed at more than 1,500 sites worldwide, including Japan, United States, United Kingdom, Spain, China, Taiwan, and South Korea. In Japan, Asprova is established as the top production scheduler with a market share of 48.8% (by 2009 FUJIKIEIZAI report).

Languages:

Japanese, English, Chinese (simplified, traditional), Spanish, Portuguese, Korean, Thai, Polish, Czech

Asprova recently Awards

- May 2011 Industrial practice awards
[Japan Industrial Management Association]
- Jan 2011 China business software manufacturing field Top10
- Dec 2009 Chinese business software Top10 in SCM field 2009
[Chinese Business Software Award Conference]
- Sep 2009 Scheduling Society Technology Awards 2009
[Scheduling Society]
- Nov 2007 KURUMAE Venture Awards 2007
[Tokyo Institute of Technology]
- Feb 2007 Japan Venture Awards
[presented by the Ministry of Economy, Trade and Industry of the Japanese Government]

Branch offices overseas: <http://www.asprova.com/en/company/index.html>

European Office: Asprova AG

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Korea Office: Asprova Co., Ltd

America Office: Asprova USA, Inc.

Asprova Asia: Asprova Asia Sdn Bhd

Company : Asprova Corporation
 President : Takahashi Kuniyoshi
 Headquater: Gotanda Mikado Bldg. 8F, 2-5-8 Hiratsuka,
 Shinagawa-ku, Tokyo 142-0051, Japan
 TEL:03-5498-7071、FAX:03-5498-7072
 Branch : Fukushima building 7F, 5-13-18 Fukushima ku, Osaka
 TEL:06-6458-7722、FAX:06-6458-0622
 URL: <http://www.asprova.com/>

Contact:

Name : Marketing department

TEL : 03-5498-7071 E-Mail : global@asprova.com



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