

ATR

Self-steering workshop planning.

Introduction

PlanManager's name comes from the planning that was built in, to manage your bodyshop efficiently. However, we understand that using the planning isn't convenient for all bodyshops. Hence we developed a workaround so you can effectively manage your work without planning.

Without the self-steering workshop planning, the foreman will be harassed by his colleagues with the question "what car should I work on now." The self-steering workshop planning enables your employees to know what is a priority at a glimpse.

Requirements

Each job must have an estimation & RO with working hours. That can be an Informex estimation or a manually entered estimate.

Each job must have an estimated completion date.

Activating

In the System tab - menu "Permissions" you can activate the self-steering work. Check this for each user group that should have access to it.

Job	<input checked="" type="checkbox"/> Allowed to view	<input checked="" type="checkbox"/> Edit	<input type="checkbox"/> Delete	▼
Invoicing	<input checked="" type="checkbox"/> Allowed to view	<input checked="" type="checkbox"/> Edit	<input type="checkbox"/> Delete	▼
Workshop	<input checked="" type="checkbox"/> Allowed to view	<input type="checkbox"/> Edit	<input type="checkbox"/> Delete	▲
Workshop -> Workshop Employee	<input checked="" type="checkbox"/> Allowed to view	<input type="checkbox"/> Edit	<input type="checkbox"/> Delete	
Workshop -> Workshop Job	<input checked="" type="checkbox"/> Allowed to view	<input type="checkbox"/> Edit	<input type="checkbox"/> Delete	
Workshop -> Self-governing workshop	<input type="checkbox"/> Allowed to view	<input type="checkbox"/> Edit	<input type="checkbox"/> Delete	
Maintenance	<input checked="" type="checkbox"/> Allowed to view	<input checked="" type="checkbox"/> Edit	<input type="checkbox"/> Delete	▼
Planning	<input checked="" type="checkbox"/> Allowed to view	<input checked="" type="checkbox"/> Edit	<input type="checkbox"/> Delete	▼
Rental	<input checked="" type="checkbox"/> Allowed to view	<input checked="" type="checkbox"/> Edit	<input type="checkbox"/> Delete	▼
Report	<input checked="" type="checkbox"/> Allowed to view	<input checked="" type="checkbox"/> Edit	<input type="checkbox"/> Delete	▼
System	<input type="checkbox"/> Allowed to view	<input type="checkbox"/> Edit	<input type="checkbox"/> Delete	▼
Help	<input checked="" type="checkbox"/> Allowed to view	<input checked="" type="checkbox"/> Edit	<input type="checkbox"/> Delete	▼
Communication	<input checked="" type="checkbox"/> Allowed to view	<input checked="" type="checkbox"/> Edit	<input checked="" type="checkbox"/> Delete	▼

Operation

On the left all employees are displayed.

On the right, all the jobs are displayed on which no-one is working yet. These jobs are sorted by their planned end date / time. The jobs need finishing first are on top.

ATR

Per job are shown the task that still need to be finished. In this way, all employees can see which tasks are to be performed. Eg. a painter will first look at jobs where disassembly and preparation are done, so that he can start painting.

The screenshot displays the ATR software interface. On the left, a 'Personnel' grid lists staff members and their assigned tasks:

- EXTERNAL PLANMANAGER (ICT) assigned to Gebruiker Garage 1.
- FRITS GREEVE assigned to PABLO PICASSO (Painter, Paint job #1, 1AVR451 POLO, 10363).
- JEANNE D ARC (Panel beating) assigned to EDDY MERCKX (Preparation).
- VENUS WILLIAMS (Preparation, Panel beating, 1WEF429 GOLF, 10439) assigned to HILL BENNY (TEAM 2).

On the right, a task list shows jobs that must be finished before:

- Friday, 18-10-2019 (17:00 – 18:00):** Job 10364 AUDI A1 1HTR584 (-2400h53). Tasks: Stripping, Panel beating, Preparation, Paint job, Re-assembly. A 'Mark as completed' button is present.
- Wednesday, 29-01-2020 (14:00 – 15:00):** Job 10439 VOLKSWAGEN GOLF 1WEF429 (-1068h28). Tasks: Panel beating: VENUS WILLIAMS, Panel beating, Preparation, Paint job, Re-assembly, Cleaning. A 'Mark as completed' button is present.
- Friday, 06-03-2020 (08:00 – 9:00):** Job 8910 SKODA SUPERB 1CB5669 (-579h18).

How much time do I have?

For each job you can see what is the remaining time in hours remaining before the car is picked up by the customer. If this figure is in the red there will be a problem finishing the car on time, and the customer needs to be informed that his car won't be ready at the promised day / time. The idea is to limit red figures. If you need to postpone the delivery date, it creates angry customers.

You can see the calculation in detail by hovering over this figure.

Personnel

EXTERNAL PLANMANAGER ICT	Gebruiker Garage 1
FRITS GREEVE	PABLO PICASSO Painter Paint job +1 1AVR451 POLO 10363
JEANNE D ARC Panel beating	EDDY MERCKX Preparation
VENUS WILLIAMS Preparation Panel beating 1WEF429 GOLF 10439	HILL BENNY TEAM 2

Files that must be finished before:

Friday, 18-10-2019 17:00 → 18:00

10364 AUDI A1 1HTR584 -2400h55

Stripping	Panel beating	Vehicle should be ready before: 18-10-2019 17:30 Time remaining till predicted enddate: -2388h55 Time needed for tasks that are not completed: 12h00 Time needed for tasks in progress: 0h00 If you work 24/7 you could finish: 26-01-2020 17:25 Bottom line: Contact the customer, you will not finish on time
Preparation	Paint job	
Re-assembly		

Mark as completed

Wednesday, 29-01-2020 14:00 → 15:00

10439 VOLKSWAGEN GOLF 1WEF429 -1068h30

Panel beating: VENUS WILLIAMS	
Panel beating	Preparation
Paint job	Re-assembly
Cleaning	

Mark as completed

Friday, 06-03-2020 08:00 → 9:00

8910 SKODA SUPERB 1CBS669 -579h20

Tip: If you prefer the time displayed in reverse form, you can set it up using the configuration option `ATR_FLOW_USE_T_MINUS` (see system - options).

How to start a job?

It is enough for the workers to drag the task they wish to perform to their name.

Because we want to motivate everyone to first carry out the most urgent tasks, there will be a message on the screen if you do not select the most urgent task. We do not block anything. You can continue without problems, but we do ask to confirm. If you always choose the most urgent task, you will not get this question.

Personnel

EXTERNAL PLANMANAGER ICT	Gebruiker Garage 1
FRITS GREEVE	PABLO PICASSO Painter Paint job +1 1AVR451 POLO 10363
JEANNE D ARC Panel beating	EDDY MERCKX Preparation 1WEF429 GOLF 10439
VENUS WILLIAMS Preparation Panel beating 1WEF429 GOLF 10439	HILL BENNY TEAM 2

Files that must be finished before:

Friday, 18-10-2019 17:00 → 18:00

10364 AUDI A1 1HTR584 -2400h57

Stripping	Panel beating
Preparation	Paint job
Re-assembly	

Mark as completed

Wednesday, 29-01-2020 14:00 → 15:00

10439 VOLKSWAGEN GOLF 1WEF429 -1064h32

Panel beating: VENUS WILLIAMS	
Panel beating	Preparation
Paint job	Re-assembly
Cleaning	

Mark as completed

Friday, 06-03-2020 08:00 → 9:00

8910 SKODA SUPERB 1CBS669 -579h22

There are other files for task type Paint job that need to be finished earlier, please confirm that you want to start the task you selected.

18-10-2019 17:30 AUDI A1 1HTR584

11-03-2020 16:00 VOLVO CARS 1KBE350

ATR

What the self-managing workplace can't

- No capacity calculation.
- No exact working hour calculation.
- No precise analysis of the efficiency of your employees

For that, you should use the real planning, but because efficiency can not be calculated without allocation of tasks per employee.

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