



DOCUMENTATION

Visual Jobs Scheduler (VJS)

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1. Technical requirements

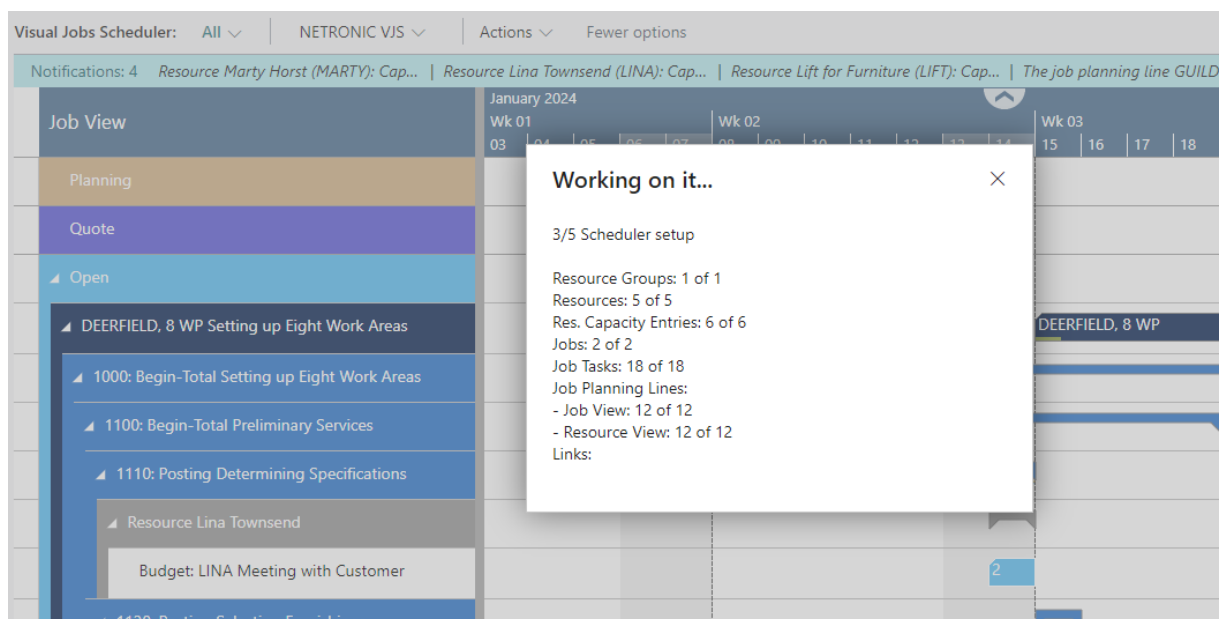
Microsoft Dynamics 365 Business Central

2. Starting the VJS: Info window shows progress when loading/reloading

When data is loaded into the VJS, multiple stages of data processing are executed until the visualization finally appears and the user can start working with it. Especially when there are large amounts of data to be loaded/reloaded, this can take some time during which the users do not know what is happening and are often unsure whether the application is still working.

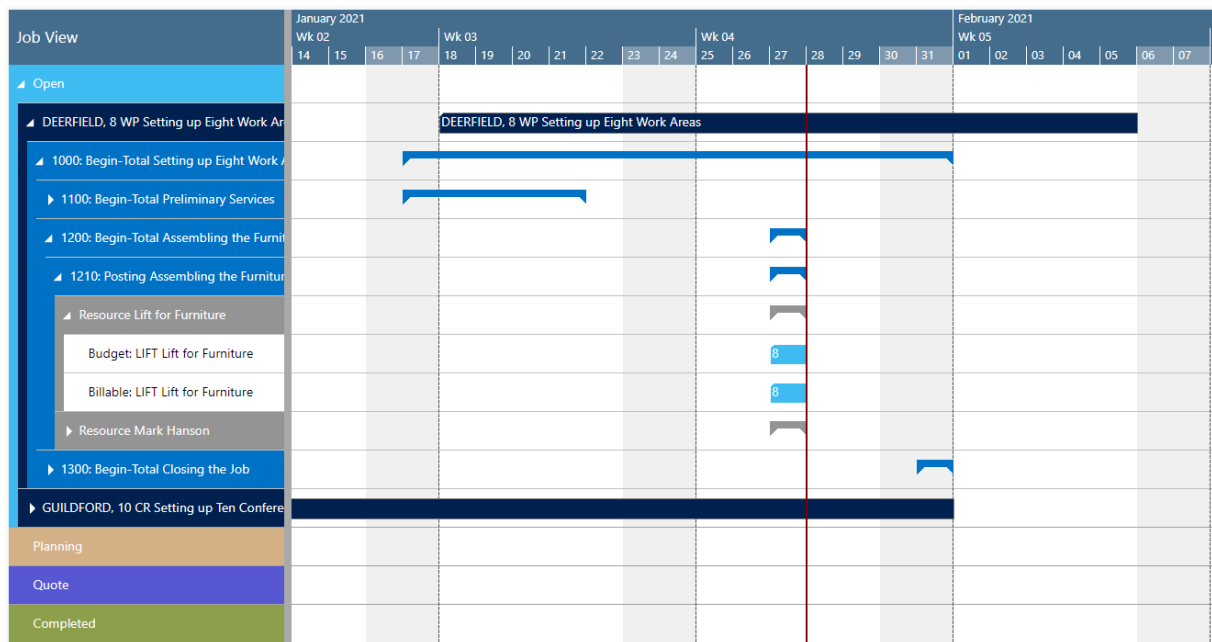
To give the users detailed feedback as to what is happening during the loading process, we have implemented an info window that:

- gives feedback that something is happening at all (meaning the extension has not crashed)
- informs about the amount of data getting loaded, thus explaining why the process might take so long
- informs about how long this process might take and how long the users might need to wait
- also helps our support team during customer trainings or support cases to get a better understanding of the customers' environment.

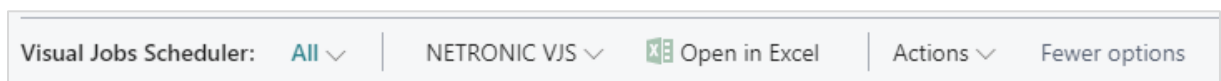


3. Understanding the VJS

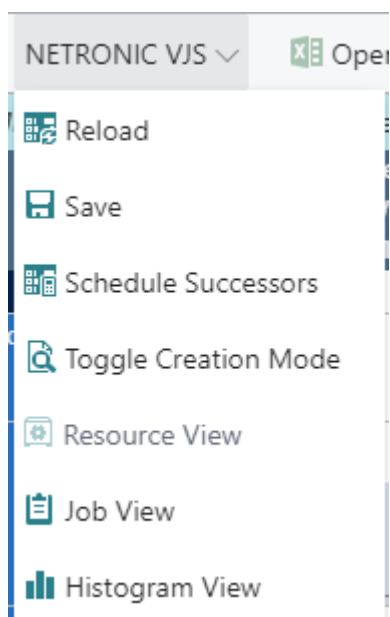
Since the VJS is a Gantt chart, it naturally has all its characteristics:



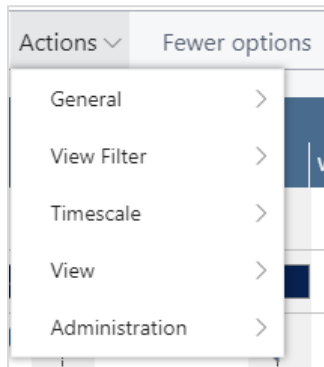
- A **timescale** at the top.
- A **table** at the left, listing jobs (in the Job View) or resource groups/resources in the Resource View
- On the right below the time scale, a **chart** displaying the job schedule with a **calendar** in the background indicating work free periods in grey while working times appear in white.
- A menu ribbon allowing to make basic settings that will be explained in detail in the following.



The item “NETRONIC VJS” summarizes all options that we think are the most frequently used ones:

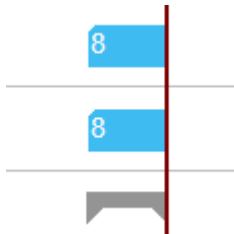


All options of the VJS can be found under “Actions”:

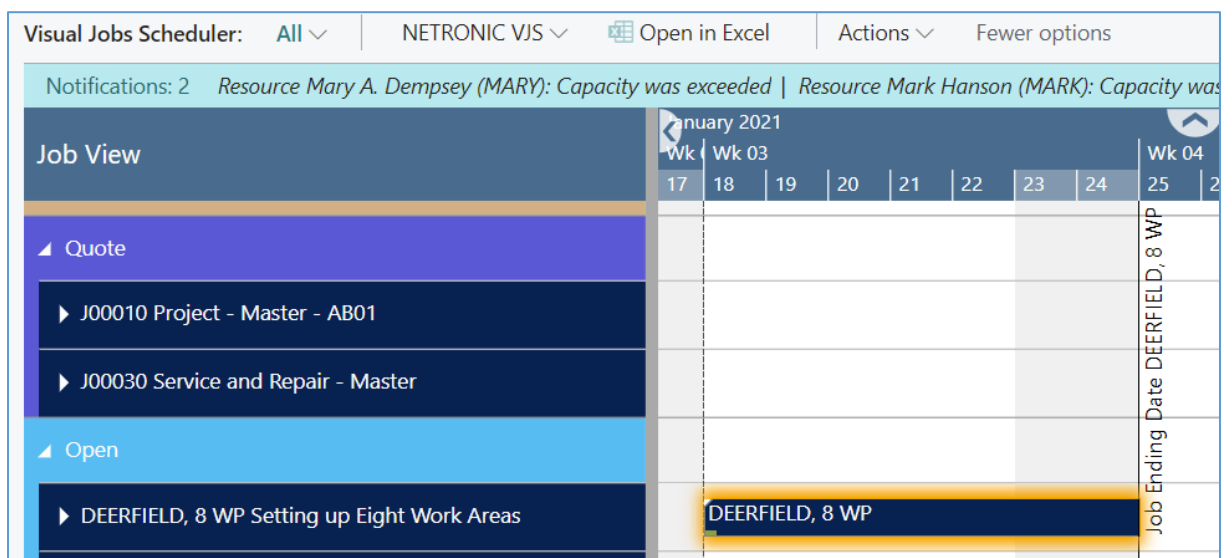


In case the “Actions” item is not visible in the menu ribbon, click “More options”. To hide it, click “Fewer options”.

- A **red** vertical line in the chart indicates the **work date** as having been set in Dynamics 365 Business Central.



- Another vertical line is shown at the end date of the currently selected job which is helpful for planning job tasks and job planning lines in larger jobs where the job bar might be outside of the current view.



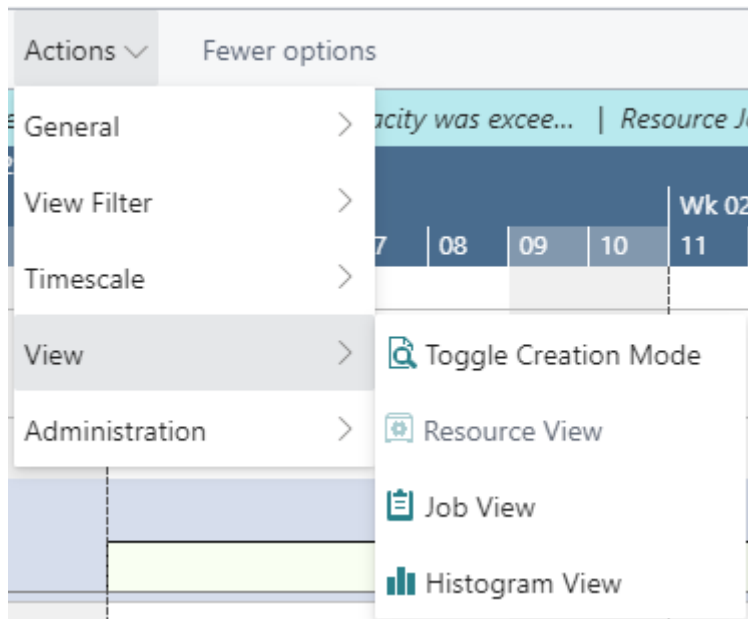
DOCUMENTATION VISUAL JOB SCHEDULER

- **Notifications** appear below the menu ribbon in case
 - a job planning line gets moved behind the job's end date
 - a resource overload occurs

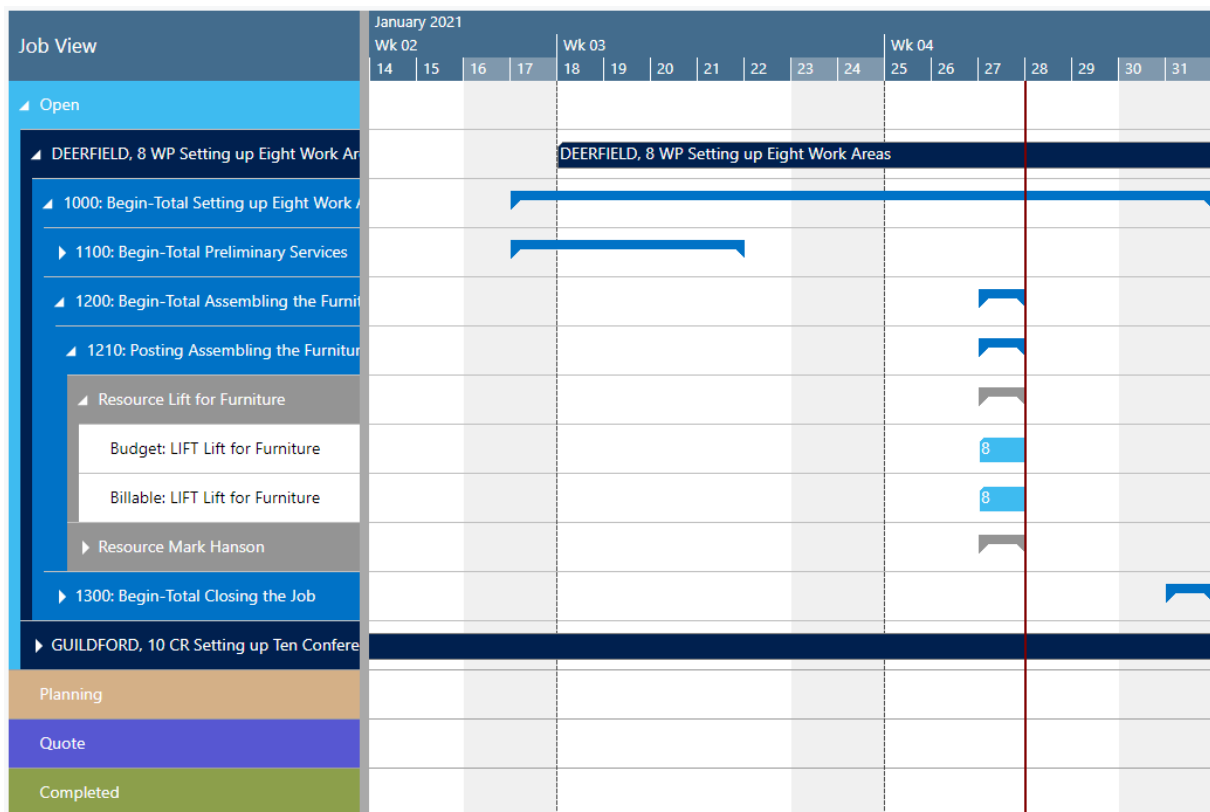
Notifications: 2 *The job planning line DEERFIELD, 8 WP, 1120, 10000 has been placed past the end date of its job* | *Resource Mary A. Dempsey (MARY): Capacity was exceeded*

4. Three different views

There are three different views in the VJS: The Job View, the Resource View, and the Histogram View. You can switch between them by using the corresponding menu items:



4.1. The Job View



The Job View shows jobs categorized by their status. Each job, job task and job planning line is represented by a bar, the color of the job planning line bars depending on the job's category.

4.1.1. Elements and symbols in the Job View:

- Job – the green line beneath the bar showing the job's progress



- Job Task Line - the number beneath the bar showing the task's progress



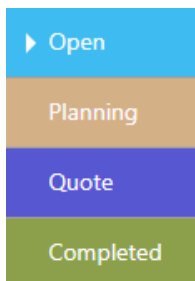
- Job Planning Line - the grey dot indicating a change not having been saved yet, the orange frame highlighting the currently marked task.



- Resource summary bar – can be hidden by the according option in the "User setup" dialog



- The different colors of the categories:



- Within a category, jobs and their belonging tasks are sorted in ascending numerical order, within jobs the task numbers are sorted the same. The sorting order can be changed via the contextmenu, or via the "Configurations" tab in the user settings.
- Job planning lines of the "item" type
If you have specific items the timing of which you'd like to specify more precisely, we recommend that you let the VJS visualize and schedule job planning lines using these items.

Set this into work on the relating item card:

← Item Card | Work Date: 1/28/2021

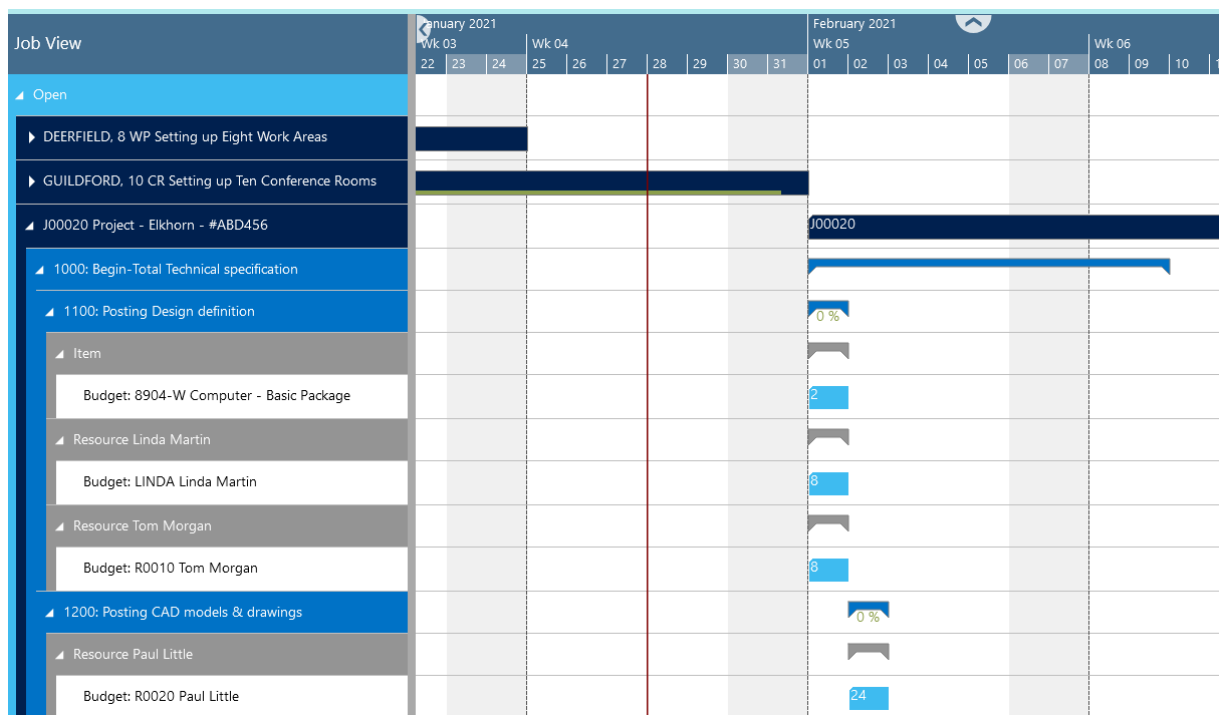
1001 · Touring Bicycle

Process Item Prices & Discounts Request Approval More options

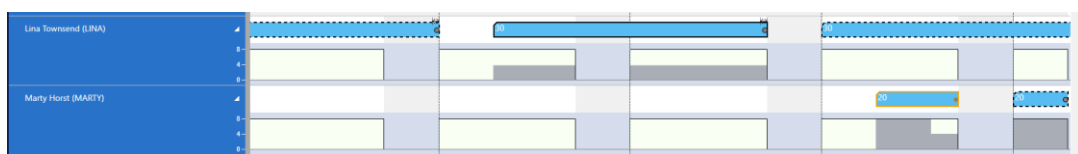
Item Show more

No.	1001	...	Base Unit of Measure	PCS	▼
Description	Touring Bicycle		Show in VJS	<input checked="" type="checkbox"/>	
Blocked	<input type="checkbox"/>		Item Category Code	▼	
Type	Inventory		Color (VAPS)	

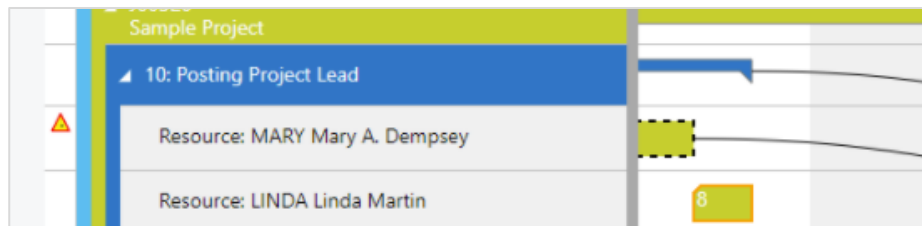
Once activated, the result looks like this:



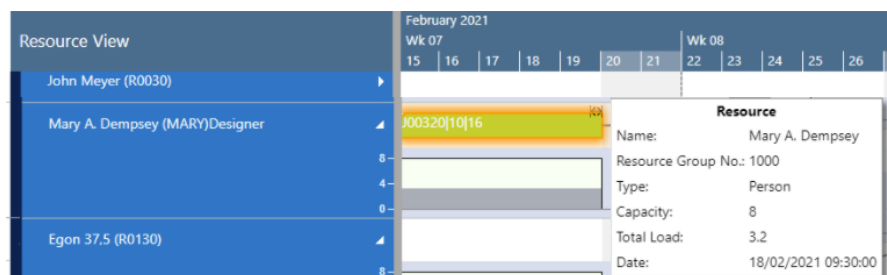
- Operations with a start or end date outside the timeframe:
 - The concerned operations are highlighted with a dashed frame.
 - If a planned date is set for a job planning line, no more capacity is displayed.
 - If the length of a job planning line is calculated by the VJS and the bar is pushed over the end of the working area, the capacity of the days within the timeframe is displayed and the capacity for the days outside the timeframe is not displayed/discarded.



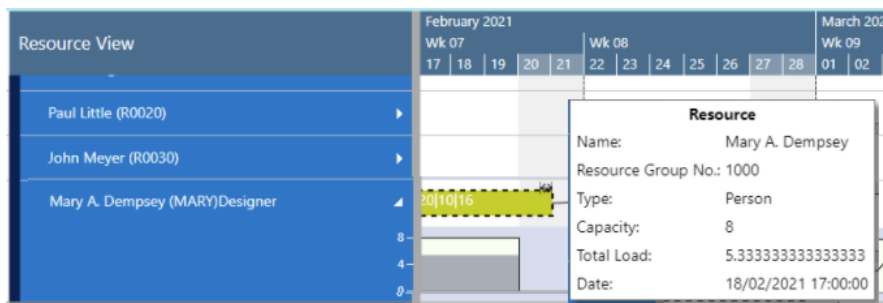
- If the length of a job planning line is calculated by the VJS and the bar is moved before the start of the working area, the bar will be highlighted by a dashed frame and a warning symbol in the Gantt chart table header.



- An average capacity (loaded capacity / loaded days) is used for the days within the time frame.
 - Capacity load before moving the job planning line outside the working area:



- Capacity load after moving the job planning line outside the working area:



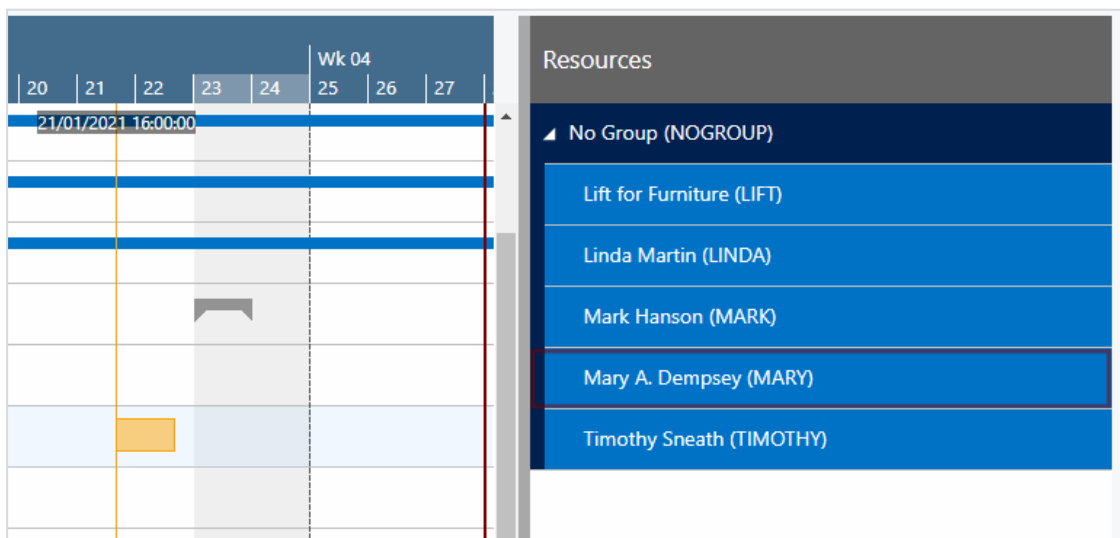
- If a bar gets moved beyond the end of the timeframe by scheduling, its start date will be set to the last day within the view instead.



- A warning symbol is shown when a resource without capacities is loaded.

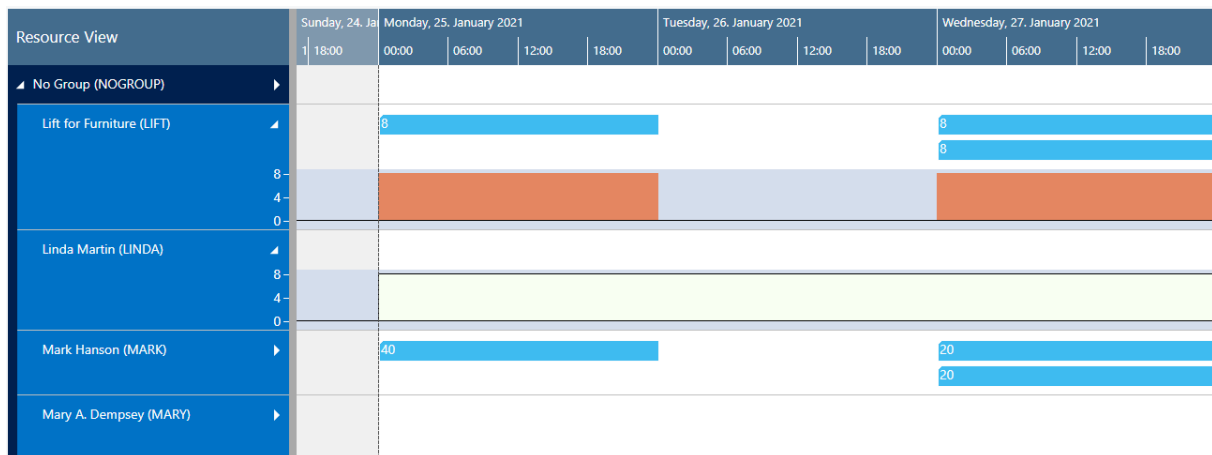


- By switching on the “Creation Mode” the VJS displays a list with your resources. You can interactively allocate a resource by dragging it from the list to the chart. An orange “phantom” bar and an info window indicate where and when the new job planning line will be placed if you release the mouse button.

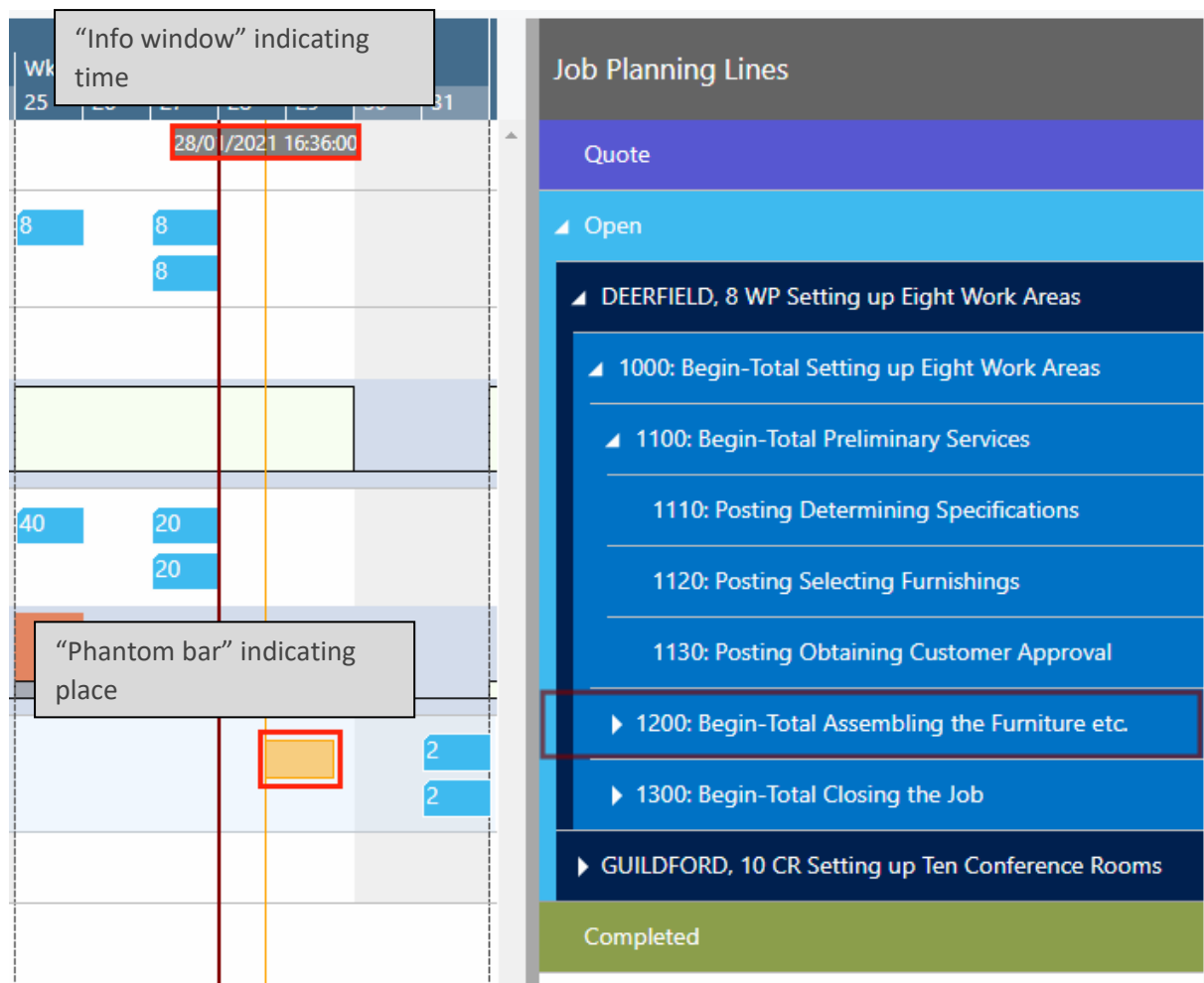


4.2. The Resource View

The resource view shows resource groups and their respective resources.

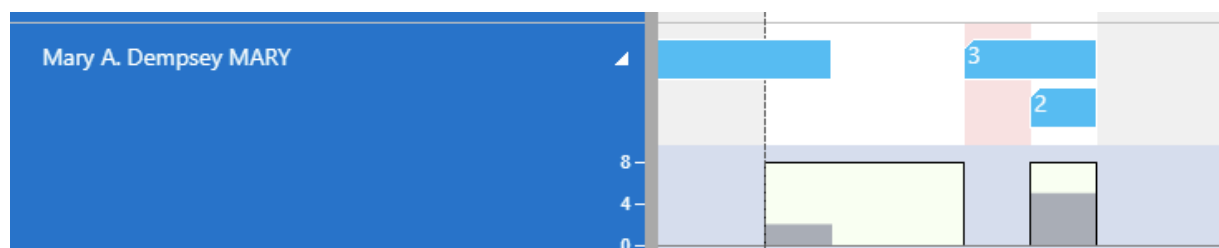


- It visualizes capacity bottlenecks and date conflicts.
- The different category colors are applied as in the Job View
- By switching on the “Creation Mode” the VPS displays a list with all your jobs, job planning lines and job tasks. You can interactively allocate a job task to a resource by dragging it from the list to the chart. An orange “phantom” bar and an info window indicate where and when the new job planning line will be placed if you release the mouse button.

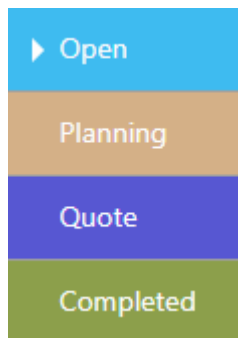


4.2.1. Elements and symbols in the Resource View

- Calendar: A calendar in the background of the Gantt chart shows weekends in grey, working times in white. Absences of employees that are linked to resources are visualized in a light pink in the calendar and by a corresponding capacity curve.



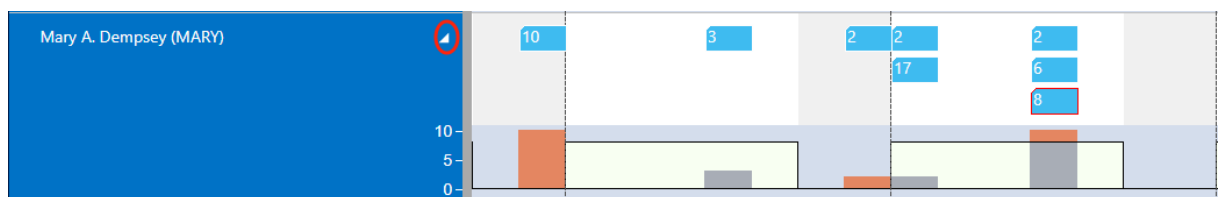
- Bars: Each job task is represented by a bar, the color of the job planning line bars depending on the job's category. . The Job categories are indicated as follows:



The grey dot indicates a change not having been saved yet, the orange frame highlighting the currently marked task.



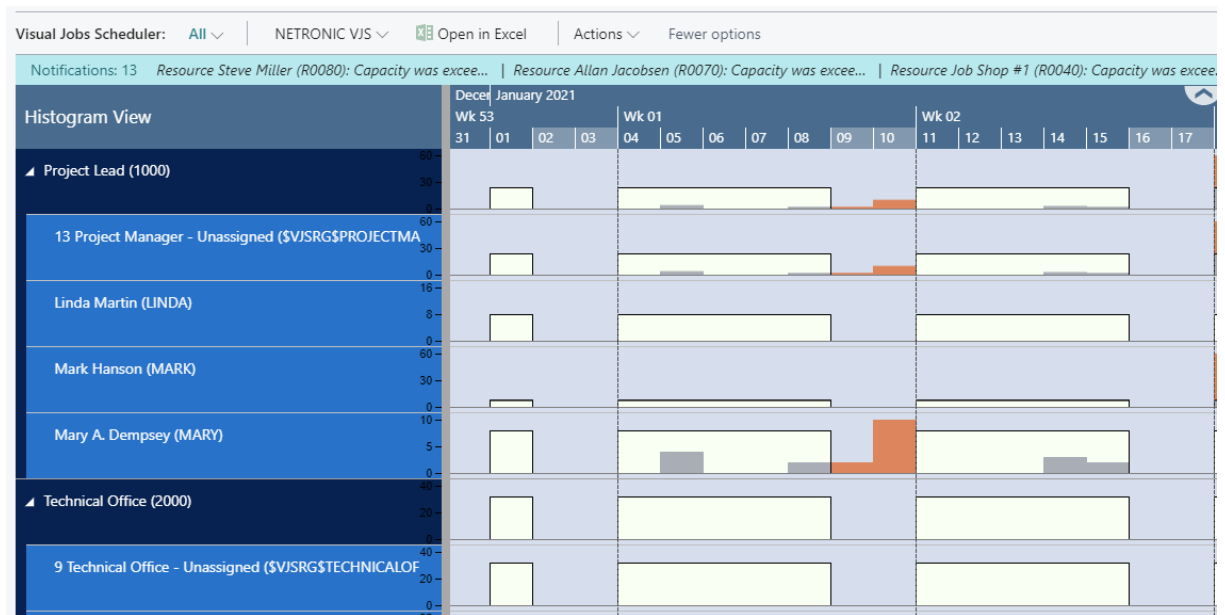
- Sorting order: Within a resource group, resources are sorted in ascending alphabetical order.
- Capacity curve: In the VJS, you can show a capacity curve in the Resource View to see free and exceeded capacities, a red box indicating an overload:



4.3. The Histogram View

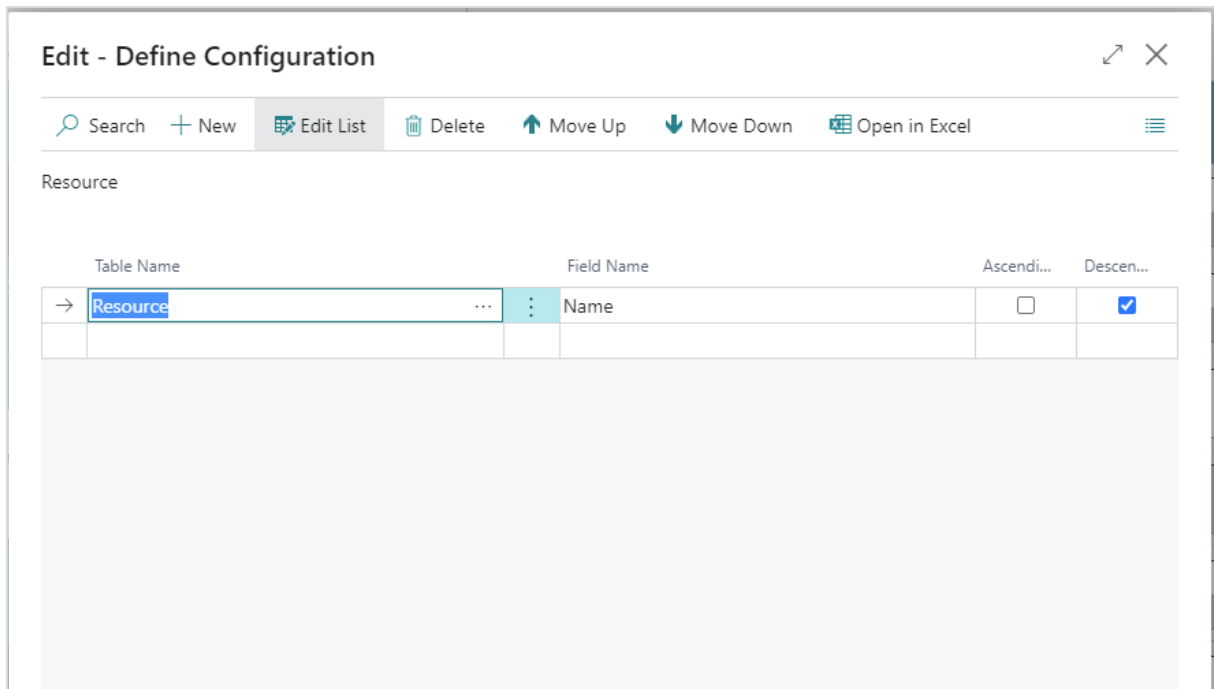
A histogram offers visual decision support by showing impending capacity problems. In the Histogram View all histograms of resource groups and resources are displayed in the same order as in the resource view.

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4.4. Sorting order

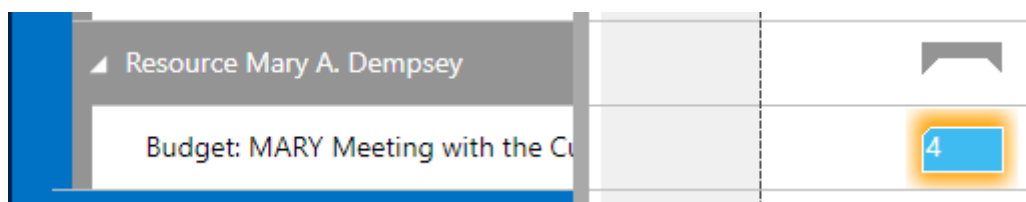
You can change the default sorting order for nearly all elements in the plan either by context menu or via the “Configurations” tab in the user setup.



5. Open Microsoft Dynamics 365 Business Central dialogs

The VJS fully integrates with Microsoft Dynamics 365 Business Central. This means that by double-clicking the according element (job, job planning line, resource etc.) either in the table area or in the Gantt area, you'll directly switch to the according Dynamics 365 Business Central dialogs where you can navigate and make changes as usual:

Double-clicking a job planning line...



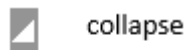
...will call the according dialog:

JOB TASK NO. ▼	LINE TYPE	PLANNIN... DATE	PLANNED DELIVERY DATE	DOCUME... NO.	TYPE	NO.	DESCRIPTION
1110	Budget	06.01.2021	06.01.2021		Resource	MARY	Meeting with the Customer

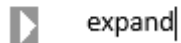
6. Collapsing and expanding

The VJS allows viewing your data from different angles easily and quickly. Collapse and expand jobs, resource groups, groups etc. There are two ways how to collapse/expand the above-described elements of your plan:

6.1. Collapsing/expanding by clicking the corresponding symbols



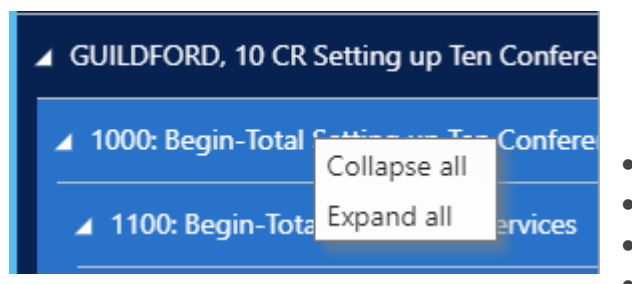
collapse



expand

6.2. Collapsing/expanding by context menu

By opening the context menu either in the table or on the bar you collapse/expand all levels below the current one in one go.



All projects **collapsed**:

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Job View	January 2021					February 2021
	Wk 53	Wk 01	Wk 02	Wk 03	Wk 04	Wk 05
Open						
DEERFIELD, 8 WP Setting up Eight Work Areas						
GUILDFORD, 10 CR Setting up Ten Conference Rooms						
Planning						
Quote						
Completed						

After having expanded parts of project “GUILDFORD, 10”:

Job View	January 2021					February 2021
	Wk 53	Wk 01	Wk 02	Wk 03	Wk 04	
Open						
DEERFIELD, 8 WP Setting up Eight Work Areas						
GUILDFORD, 10 CR Setting up Ten Conference Rooms						
1000: Begin-Total Setting up Ten Conference Rooms						
1100: Begin-Total Preliminary Services						
1110: Posting Determining Specifications						
Resource Mary A. Dempsey						
Budget: MARY Meeting with the Custome						

7. Progress information

The VJS provides overview of a Job's or a Job Task's progress:

- The Job's progress is shown as a green line in the lower part of the Job bar.

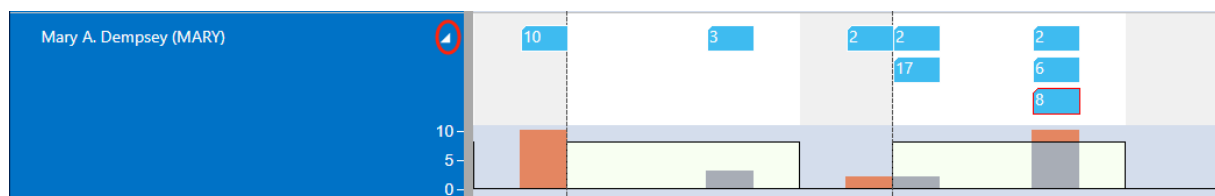


- The progress of a Job Task is shown as number below the Job Task bar.



8. Capacity information

In the VJS, you can show a capacity curve in the Resource View, to see free and exceeded capacities, a red box indicating an overload:



9. Navigation in the VJS

Navigating in the VJS largely comprises setting the time range for which parts of your plan are shown, modifying the timescale solution and quickly scrolling to certain parts of your plan.

9.1. Setting the timeframe

The timeframe specifies the time range covered by the timescale, either fixed by absolute values or relative to the workday. This is done in the "Setup" dialog, to be reached by clicking the "General" item in the "Actions" ribbon.

New
Actions
Fewer options

EDIT - VISUAL JOBS SCHEDULER USER SETTINGS - ADMIN

↗

Timeframe Type

Starting/Ending Date Input Type

Relative date
Absolute date
Relative date

Timeframe

ABSOLUTE VALUES

RELATIVE VALUES

Starting Date

31.12.2020

Starting Date

-4W

Ending Date

28.04.2021

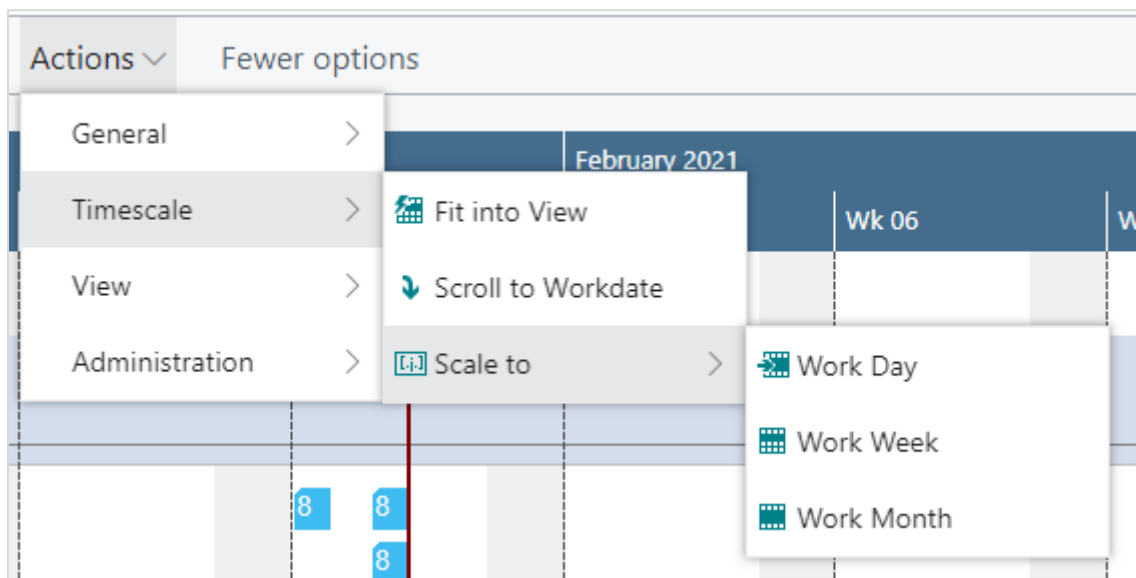
Ending Date

+3M

9.2. Change the timescale resolution

For zooming in a certain area of your plan or to zoom out for a better overview, you can change the timescale resolution either by

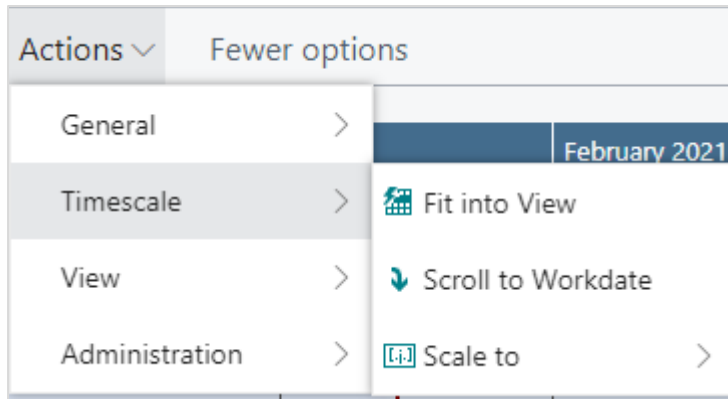
- scrolling the mouse wheel in the timescale area
- or, more specifically, by the corresponding items of the “Actions” menu, based on the work date as having been specified in the settings of Dynamics 365 Business Central.



9.3. Scrolling

The VJS offers the following options for quickly navigating to certain positions in the diagram:

- the common scrolling options by vertical and/or horizontal scrollbar
- dragging the timescale either right or left
- Scroll directly to the Dynamics 365 Business Central work date by selecting the corresponding item from the “Actions” menu.

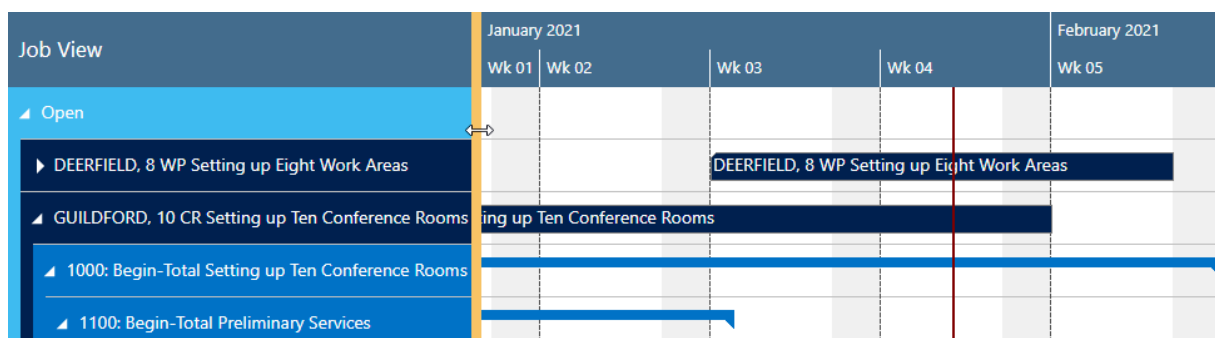


9.4. Fit into view

Select this item from the “Timescale” item in the “Actions” menu to switch directly to the timescale as defined in the “Setup” dialog.

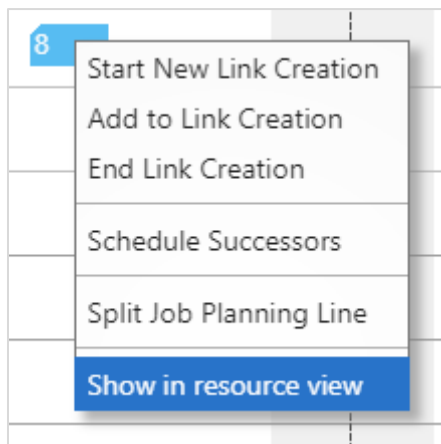
9.5. Adjust the width ratio between table and diagram

For adjusting the width ration between table and diagram, put the mouse cursor on the sash between the two parts and drag the double arrow appearing then.



9.6. Show job planning line in other view

Show the currently marked job planning line in the respective other view while it gets highlighted by a blinking frame.

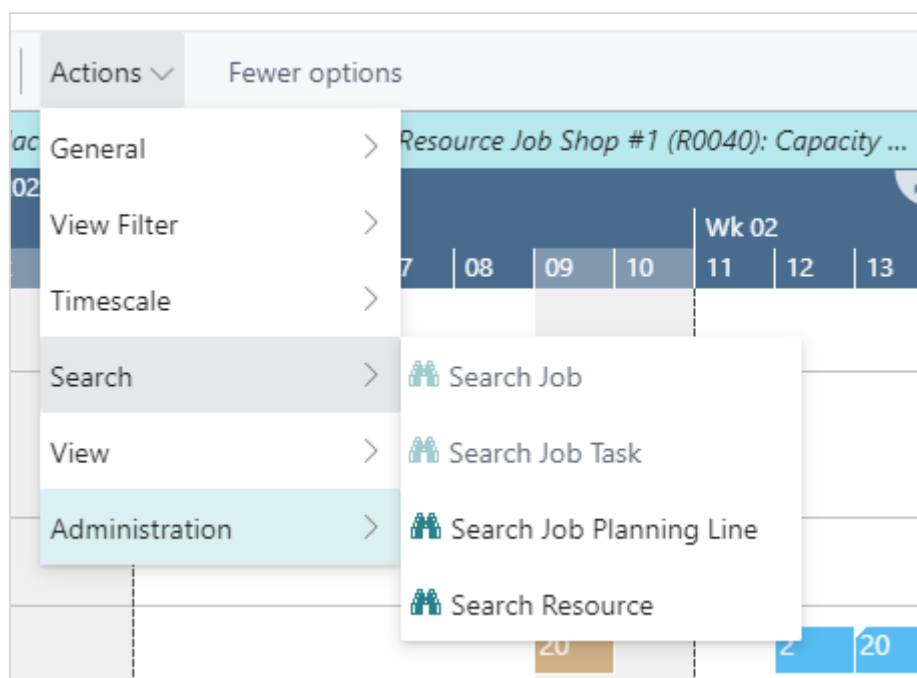


9.7. Search function

All three views offer a comfortable search function:

- In the Job View, you can search for jobs, job tasks, and job planning lines
- In the Resource View, you can search for job planning lines and resources
- In the Histogram View, you can search for resources.

The respective view automatically scrolls to the first search result which gets highlighted by a blinking frame, and, if possible, selected, so that the links are shown. If a view filter is active the search dialog will only show the visible elements in the VJS.



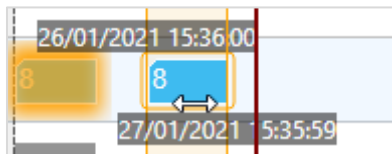
10. Move operations

You can move operations by mouse either horizontally or vertically, either way having a different impact.

10.1. Move operations horizontally by drag & drop

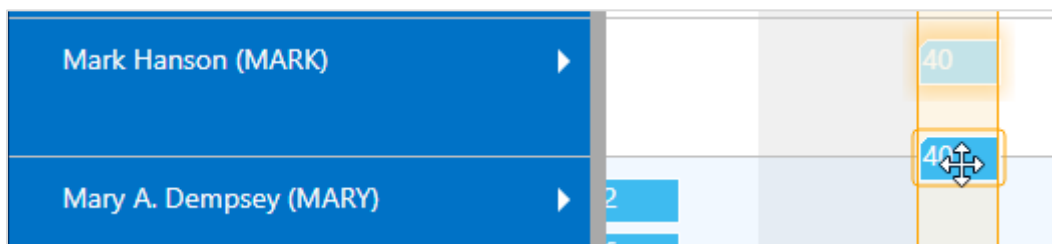
To schedule an operation, you can move it horizontally along the time scale both in the Job View and in the Resource View: as a consequence, the operation will be worked off at a different time.

If in the Job View a job task or job planning line is moved, every subordinate operation will shift as well.



10.2. Assign an operation to another resource

In the Resource View, an operation can also be moved vertically when scheduled – to a different resource. As a consequence, the operation will be worked off by the resource it was moved to.



10.3. Notifications

Notifications appear in a window below the menu ribbon and alert you to possible problems. They pop up in the following cases:

- when a job planning line gets moved behind the job's end date

Notifications: 4 The job planning line GUILDFORD, 10 CR, 1130, 10000 has been placed past the end date of its job

- when a resource's capacity gets exceeded

Resource Mary A. Dempsey (MARY): Capacity was exceeded

10.3.1. Show/hide notifications

If you don't want the notifications to be shown, you can hide them by ticking the according option in the VJS User Setup.

Show Notification

Enable Notification

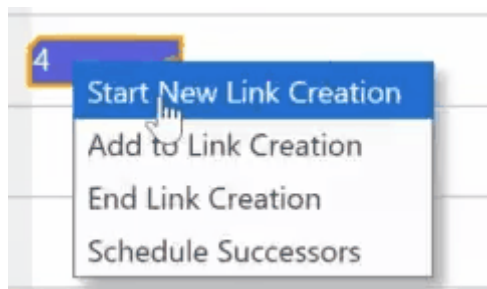
11. Working with links

11.1. Create links

The VJS enables creating links on all levels of your plan - meaning between jobs, job tasks and job planning lines, even between different levels, e.g., job to job planning line and job task to job - by a context menu. According to your needs and planning situation, you can select between two possible relations:

- Start-Start (the successor must not start before the predecessor)
- Finish-Start

Click “Start New Link Creation” on the job planning line you want to start with and “End Link Creation” on the job planning line you want the link chain to end.



After having ended the link creation, you need to specify the desired relation type and link duration:

Edit - Link Options

Manage

RowLinkType

Relation Type

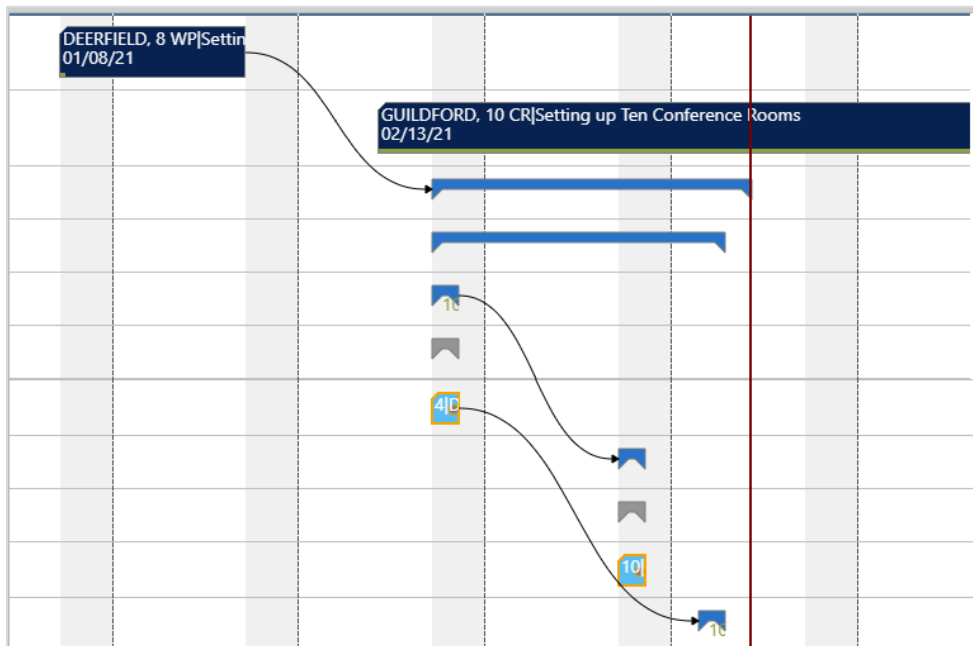
Finish-Start

Link Duration (in days)

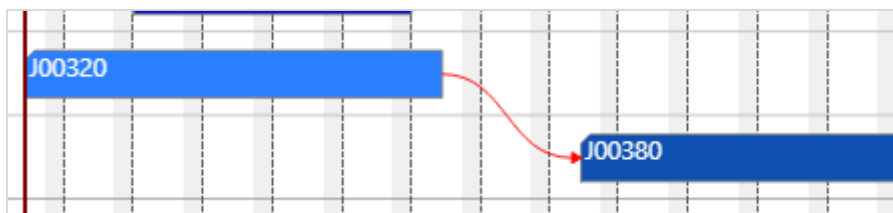
0

Close

The link structure you build this way will be considered when one element – job, job planning line etc. - in this chain gets moved.

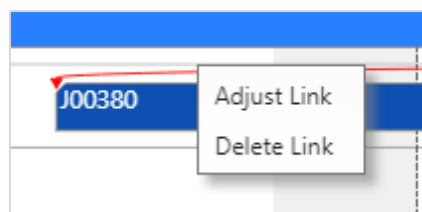


The link duration will be considered after a drag and drop interaction or after scheduling successors. If the time interval between the linked elements is smaller than the specified link duration, the link will appear in red:



11.2.Edit links

To modify or delete links, click the according item of the link's contextmenu:

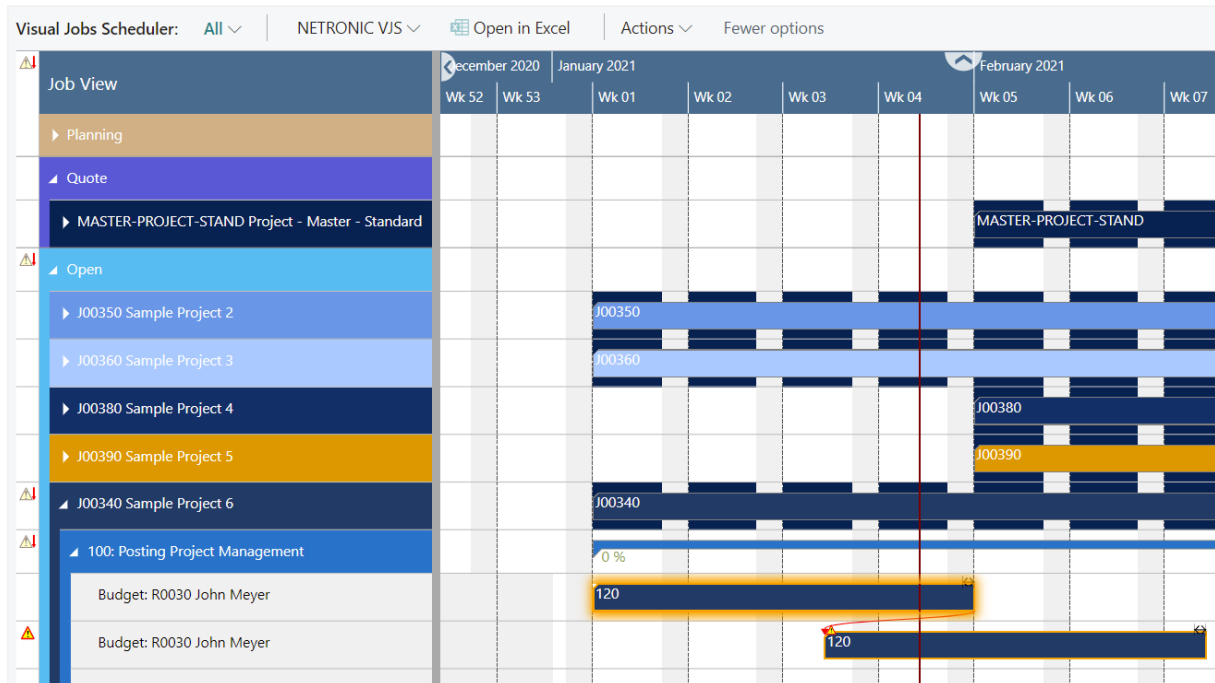


The "Adjust link" item will call the above shown "Edit link options" dialog.

11.3.Violated link orders

If the link order within a link structure gets violated, the according link(s) appear in red gets highlighted by a warning symbol in the table header and on the bar.

Link conflicts are indicated by the according links appearing in red and by warning symbol on the participating element, its parent elements and in the Gantt chart table header. Thus, the planner immediately recognizes that there is a conflict that needs solving either by manually dragging the operation or by the "[Schedule successors](#)" option of the context menu.



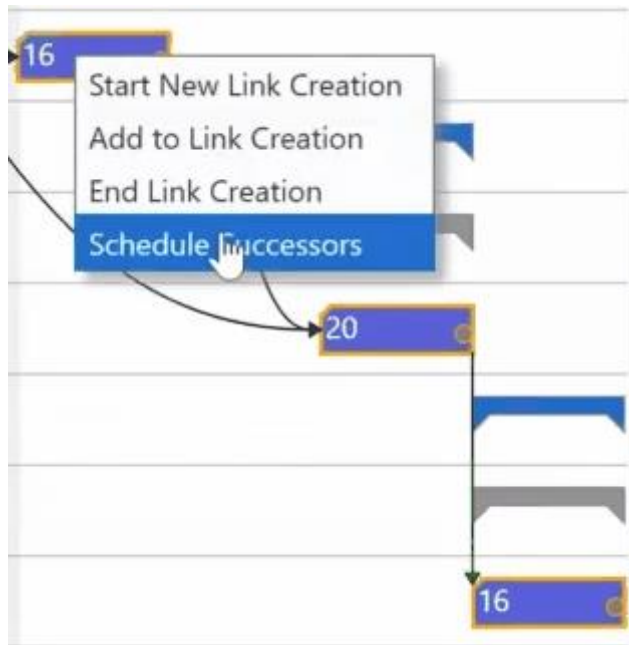
If you want to show/hide the warning signs, tick the according option in the "General" area of the VJS "User setup" dialog:

The meaning of the symbols in detail:

	The element has a link violation. Shown at the bar or in the table. Can be displayed in the job view at the level of the element that causes the violation (job planning line, job task, or job). In the resource view at the resource level.
	A child element has a link violation. Shown in the table header and in the job view for job tasks and jobs and the status group and in the resource view for resource groups
	Link violations in the element itself and in child elements. Shown in the job view at job task or job level If the children of those cause link violations and the element itself as well

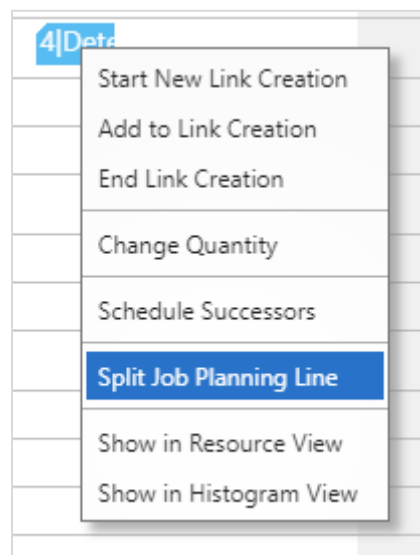
12. Schedule successors

This option that can be found in the menu ribbon ensures that the link structure is being considered with no buffer time, i.e., linked operations are processed without temporal offset. This applies for the selected node and all its successors.



13. Split job planning lines

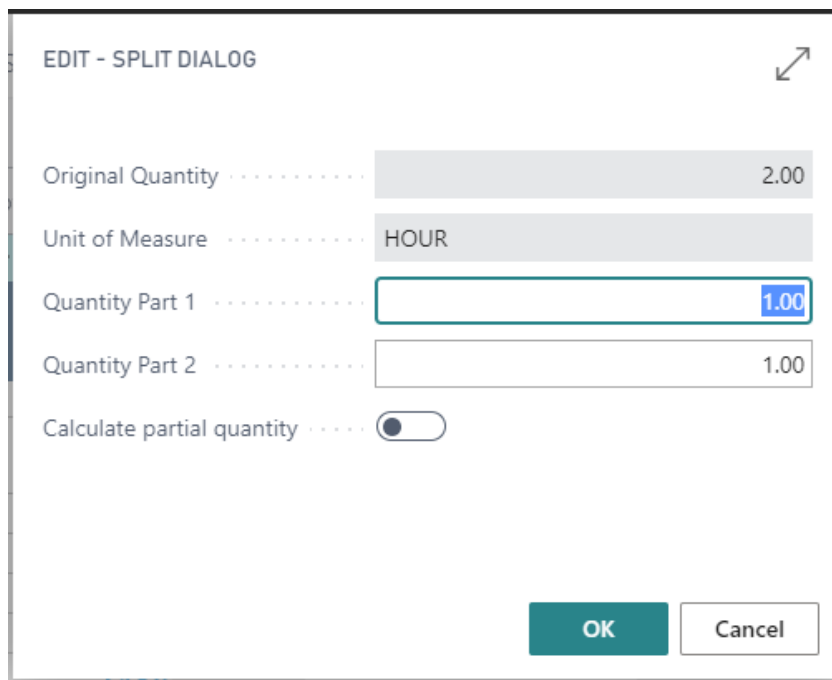
By splitting a job planning line, you will add a new job planning line to your plan. Click the according context menu item on the job planning line you want to split



In the dialog popping up you can specify

- How the quantity is to be distributed between the two lines.
- Whether you want to calculate partial quantity, so that when you enter the value for the first line, the quantity for the second line will be calculated automatically. At the same time, you

get an error warning, when the quantity of part 1 is calculated higher than the original quantity.

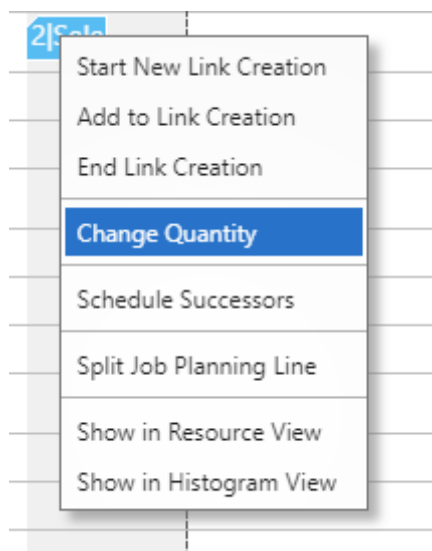


The image shows a dialog box titled "EDIT - SPLIT DIALOG". It contains the following fields and controls:

- Original Quantity**: A text field with the value "2.00".
- Unit of Measure**: A dropdown menu showing "HOUR".
- Quantity Part 1**: A text field with the value "1.00".
- Quantity Part 2**: A text field with the value "1.00".
- Calculate partial quantity**: A toggle switch that is currently turned off.
- Buttons**: "OK" and "Cancel" buttons at the bottom right.

14. Change the quantity of job planning lines

The quantity of a job planning line can be changed directly in the plan. Open the context menu of the job planning line you want to change the quantity of and click the according item:



This leads you to the self-explanatory "Edit - Change Quantity" dialog:

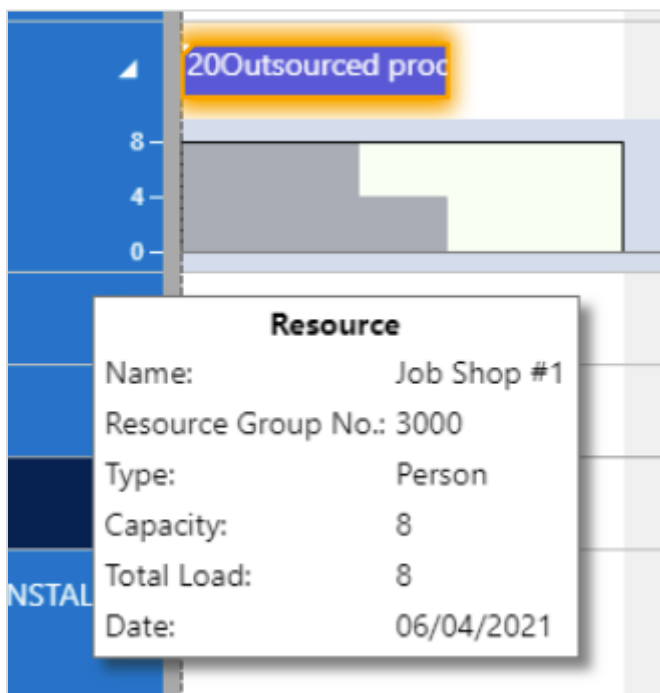
EDIT - CHANGE QUANTITY

Quantity

OK Cancel

15. Distribute workload of a resource individually

The standard allocation of workload to a resource in the VJS runs in such a way that the VJS will either show all job planning lines as allocated to the planning date or, if activated, will visualize the allocation according to the available resource capacities and allocate all capacities starting from the planning date until the quantity has been fully allocated. This follows the idea that as soon as a job planning line is assigned to a planning date and a resource that all efforts of the resource should immediately be dedicated to this job planning line. This is a rather inflexible approach that does not take into account the individual work pace of each resource.



To get around this, you can define a "planned end date" on the job planning line page:

Search + New Edit List Delete Process Report Open in Excel More options

EDIT - JOB PLANNING LINES - J00050 SETTING UP EIGHT WORK AREAS 1110 DETERMINING SPECIFICATIONS

Job Task No. ↑	Line Type	Planning Date	Planned End Date	Planned Delivery Date	Document No.	Type	No.	Description
→ 1110	Budget	2021-09-24	2021-09-24	2021-09-24		Resource	R0010	Meeting with Customer

Close

This sets a date by which the work on this job planning line should be finished. This means that with the planning date as a start and with the planned end date as end, the VJS can visualize a proportional usage over all available dates with capacity between start and end for this job planning line. This gives the user and the resource a more realistic approach to plan the intended workload over a certain amount of time and leave it to the resource to fulfill the workload on their own pace.

20 Outsourced production Job Shop #1

Resource	
Name:	Job Shop #1
Resource Group No.:	3000
Type:	Person
Capacity:	8
Total Load:	2
Date:	09/04/2021

16. Apply individual colors to jobs

You can define individual colors for jobs that are then used for the job line and all of its job planning lines. Thus, you can very easily highlight certain jobs, e.g., the most important one.

The job color gets changed on the job card. If you want to switch to the standard VJS color again, you only need to delete the hex code from the color field on the job card.

General Show more

No.	GUILDFORD, 10 CR ...	Person Responsible	MARY
Description	Setting up Ten Conference Rooms	Blocked	
Bill-to Customer No.	50000	Last Date Modified	1/28/2021
Bill-to Contact No.	CT000016 ...	Project Manager	
Bill-to Name	Guildford Water Department	Color (VJS)	#4f000b ...
County			

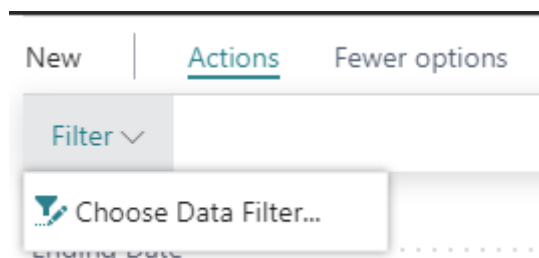
17. Use filters

17.1.Data filters

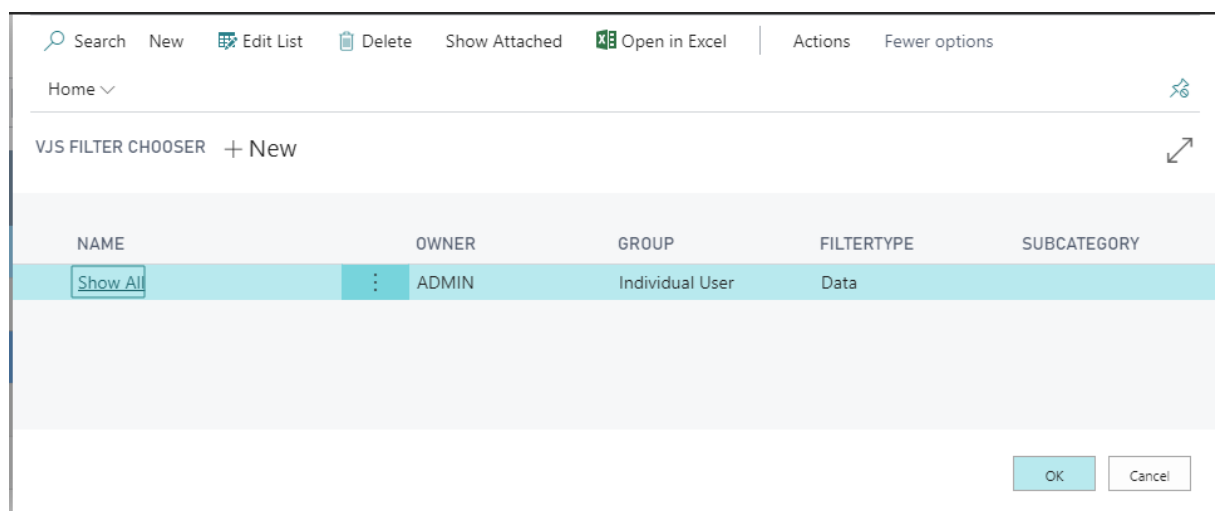
Data filters work as Dynamics 365 BC filter on reading the data (either when the VJS is started or on reloading) so that they are already effective at the data interface to make sure that only filtered data are handed over from Dynamics 365 BC to the VJS.

17.1.1. Create and edit data filters

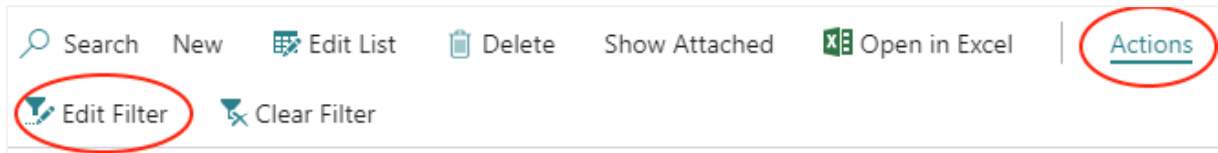
First, you have to open the according dialog by clicking "Choose Data Filter" in the "Setup" dialog:




In the dialog, you can edit, create and apply not only one but multiple data filters.



To create a data filter, click “+New” and then enter the name of the new filter. To specify the filter settings, click “Actions” “Edit Data Filter”.



You can filter by jobs, job tasks, resource groups and resources:

VJS FILTER

Filter: Job

× No.

▼

× Description

+ Filter...

Filter totals by:

+ Filter...

Filter: Job Task

× Job No.

▼

× Job Task No.

× Description

+ Filter...

Filter totals by:

+ Filter...

Filter: Resource Group

× No.

▼

× Name

+ Filter...

OK

Cancel

The job task filter enables users who only want to see a specific portion of big jobs to do so. Since this data filter may result in a list of projects for which no project tasks were found, there will be a message for the user indicating that the specified filter conditions did not allow for any job tasks to be loaded.

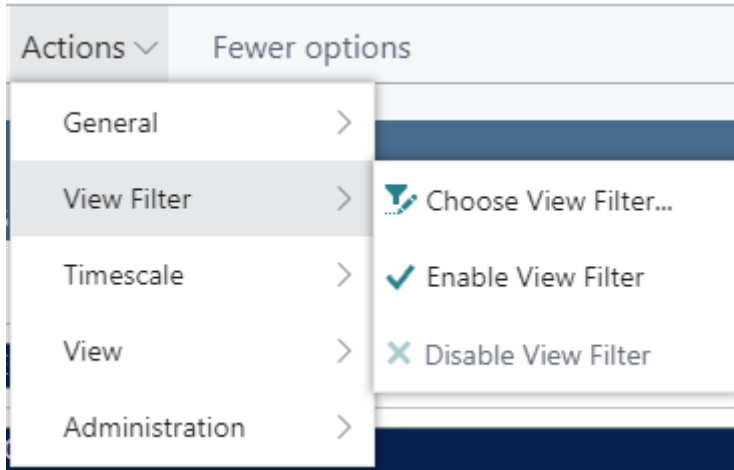
If you want to make sure that the "Edit Data Filter" dialog pops up when you start the VJS, tick the according option in the "Setup" dialog:

Filter

Show Data Filter on Start ☒

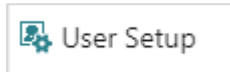
17.2.View filters

View filters are applied to data already having been loaded into the VJS. Accordingly, only the capacity utilization by the visible activities are shown in the histograms. To work with the filters, the "Actions" menu offers three according options:



Click "Choose View Filter" to open the list of existing filters where you can create, delete and edit filters as described in the "Data filters" section.

18. The User Setup dialog



The “User Setup” dialog allows customizing basic settings of the Visual Jobs Scheduler. You reach it via “Actions” -> “Administration

Here you can make or see the basic settings for:

18.1. Timeframe:

- Specify the timeframe that sets the time range covered by the timescale, either fixed by absolute values or relative to the workday (see also 7.1., “Setting the timeframe”).

Edit - Visual Jobs Scheduler User Settings - ADMIN

New | More options

Timeframe Type

Starting/Ending Date Input Type Relative date ▼

Timeframe

Absolute Values		Relative Values	
Starting Date	12/31/2020	Starting Date	-1W
Ending Date	4/28/2021	Ending Date	+12M

Filter >

Data Filter >

Close

18.2. Filter

- Decide whether the "Edit Data Filter "dialog pops up when you start the VJS.

Filter

Show Data Filter on Start ☒

18.2.1. Data Filter

- See which data filter is currently active.

Data Filter

Current Data...

Show All

Resource Gr...

Job Filter

Resource Filter ..

18.3.General

- Decide which **view** is shown upon starting the VJS

General

Startup View

Last Active View

Last Active View

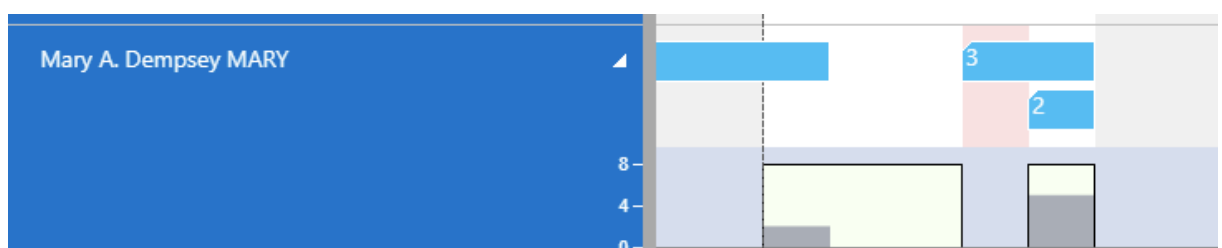
Job View

Resource View

18.4.Company settings

This section of the „User Setup dialog“ gives you an overview of settings being applied company-wide. See

- which way of calculating the quantity of job planning lines is activated. In standard Dynamics 365 Business Central the quantity of job planning lines is calculated independent of the resource's capacity. The VJS allows to bypass this way of visualizing the quantity by activating “Calculate Job Planning Line Duration” in the “Company Setup” dialog.
- whether the resource summary bar gets displayed or not
- whether to enable employee absences for calculation: Absence times of employees that are linked to resources can be visualized in the plan, both in the calendar and in the histogram capacity curve:



- whether you want to **move items along with job tasks**: You can let the VJS track whether the time of the job task has changed and then automatically adapt the time of the item job planning line. Thus, you needn't adjust the timing of a job planning line of the type "item" to possible shifts of the belonging job task manually in the job planning line list.

Edit - Visual Jobs Scheduler Company Settings - VAPS Webinar - 29 Sep 2020

Company Setup

Calculate Job Planning...☒

Enable Employee Abse...☐

Hide Resource Summa...☐

Move Items along wit...☐

Close

18.5. Show Notification

When a job planning line gets moved behind the job's end date or in case of a resource overload, a notification window pops up, informing the user about possible problems.

Notifications: 3 *Resource Mary A. Dempsey (MARY): Capacity was exceeded*

If you don't want this notification window to be shown you can switch it off here:

Show Notification

Enable Notification ☐

18.6. Calculation

Calculation

Enable Employee Absences for calculation ☒

- **Absence times of employees** that are linked to resources can be visualized in the calendar and the histogram capacity curve.

18.7. Appearance

Appearance

Zoom Factor(%)

Layout

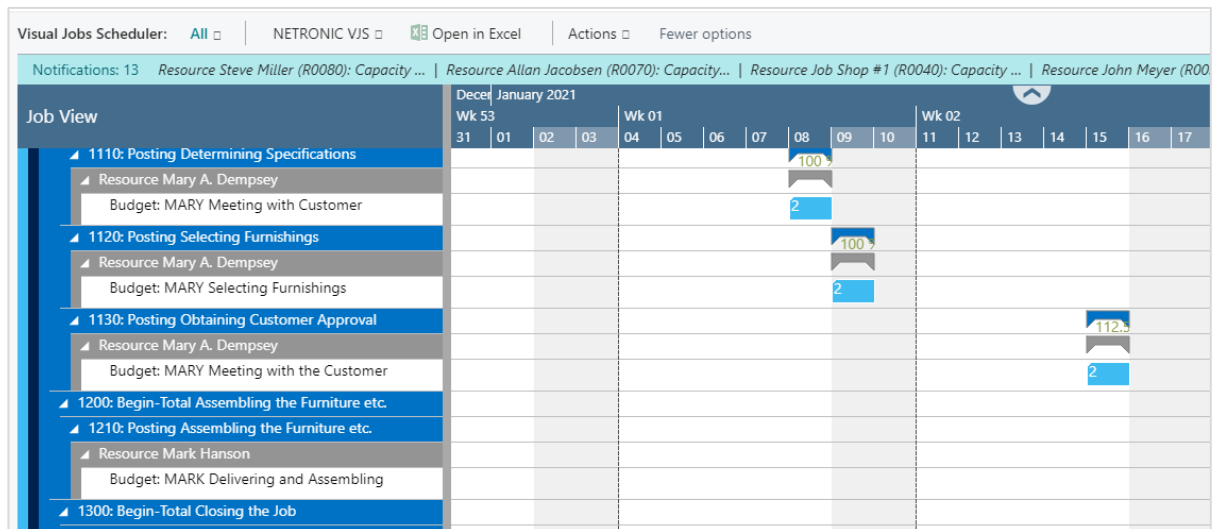
Show allocated worki... ☒

Tooltip Delay (ms)

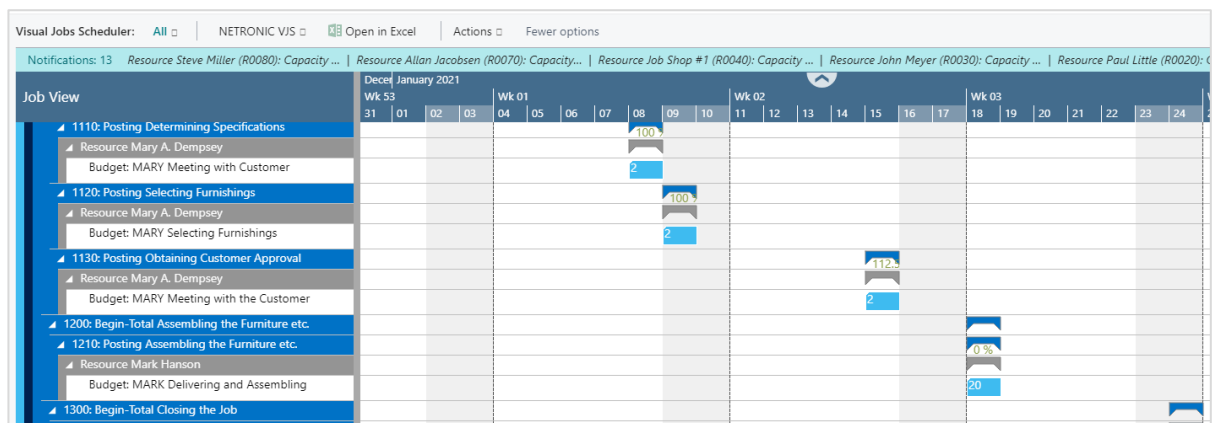
- Specify a **zoom factor** in percent.

- Choose a **layout**: In the "Compact" layout, the display is reduced as much as possible to provide a better overview, especially with large plans.

Standard layout:



Compact layout



- **Show allocations on a job in the job line:** This option allows to highlight all dates on the job line in the Gantt view on which job planning lines are planned and occupy resources:



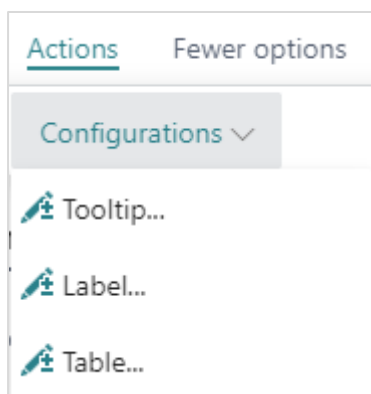
- Specify a **tooltip delay**: give a time in milliseconds after which the tooltip shall appear

18.8. Configure tooltips

The tooltips in the VJS provide further information on the following items of your jobs schedule:

- Jobs
- Job planning lines
- Job tasks
- Resource groups
- Resources
- Resource summaries

You can specify which information is to be shown in the tooltip of the respective item in the according "Configurations" dialog - to be reached by clicking "Configurations" in the "Actions" menu of the "User Setup" dialog.



In the dialog popping up, you just click the item for which you want to customize the tooltip:

Search Open in Excel More options

VIEW - SELECT TOOLTIP

Description

Job

Job Planning Line :

Job Task

Close

The “Edit – Define Configuration” dialog pops up.:

Search + New Edit List Delete Move Up Move Down Open in Excel

EDIT - DEFINE CONFIGURATION

Job Planning Line

Table Name	Field Name
Job Planning Line	Job No.
Job Planning Line	Job Task No.
→ Job Planning Line ...	: Description
Job Planning Line	No.
Job Planning Line	Status
Job Planning Line	Planning Date

Close

Here you can:

- **Add a new field:**
either click +NEW or just click in the last row. You can select the desired table name and field name from your Dynamics 365 BC data by clicking “...”:

AVAILABLE VALUES

Value ↑

Job

Job Planning Line

Job Task

The list of available table names

AVAILABLE VALUES
Value ↑
Bin Code
Cost Factor
Country/Region Code
Currency Code
Currency Date
Currency Factor
Customer Price Group
Description
Description 2

The list of available field names depending on the table selected previously

- **Insert a new field:** Select the field above which you want to insert a new one and proceed as described above.
- **Delete a field:** Click “Delete” in the menu ribbon
- **Change the order** by clicking “Move up” or “Move down”

18.9. Configure bar labels

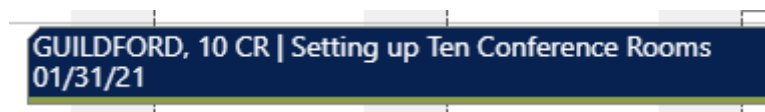
You can decide which D365 BC information is to be shown as bar label.

Bar labels are shown on

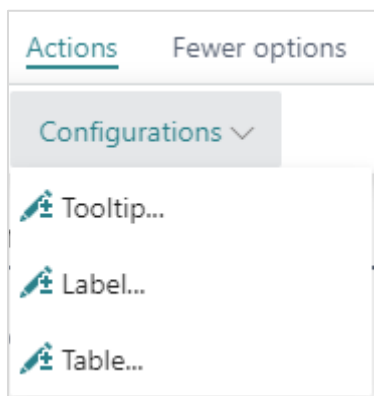
- jobs
- job planning lines in the Job View
- job planning lines in the Resource View

In the picture below, the bar label contains

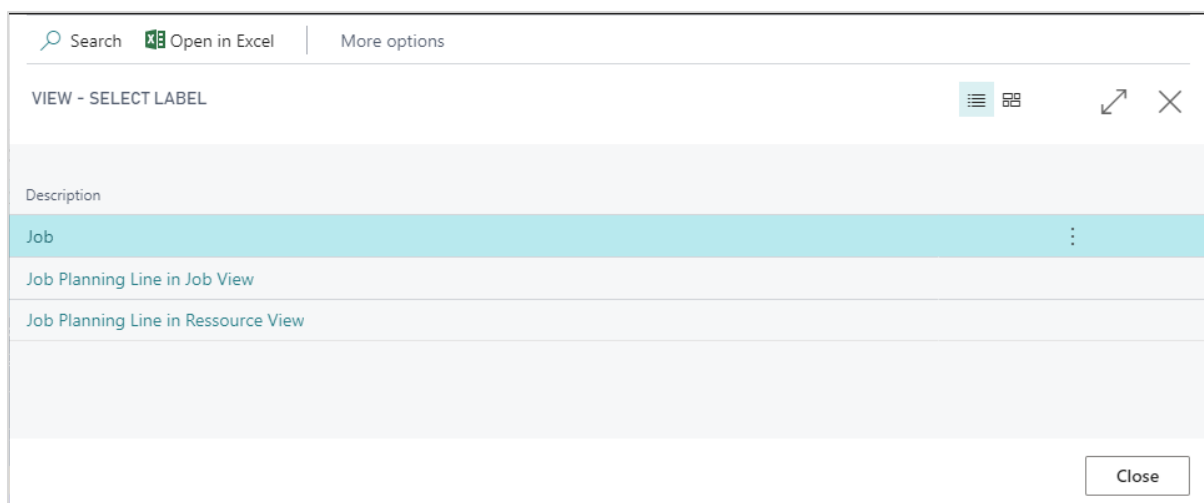
- the job number and the job description separated by "|"
- the job ending date in a new line



The settings are made in the corresponding dialog that can be found by clicking "Configurations" in the "Actions" menu of the "User Setup" dialog:



In the "View - select label" dialog, select the item and/or view for which you want to customize the bar label



The “Edit – Define Configuration” dialog pops up:

Table Name	Field Name
Job	No.
VJS Format Strings	
Job	Description
→ Job	: Ending Date

Here you can add, insert, edit, and delete fields as well as change their order. You can select the desired table name and field name from your Dynamics 365 BC data by clicking “...”

18.9.1. Formatting the labels

Separate the field contents by a line break, a blank or a “|” by selecting the according separator from the “VJS Format Strings” table.

AVAILABLE VALUES
Value
New Line
Space

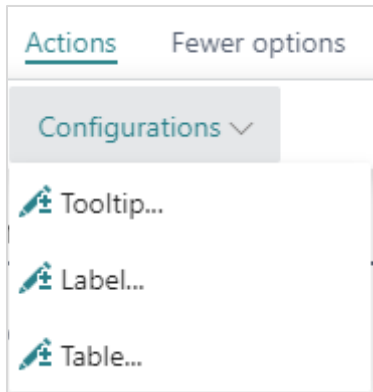
18.10. Configure table labels

You can decide which D365 BC information is to be shown as table label.

Table labels are shown on

- jobs
- job tasks
- job planning lines
- resources
- resource groups
- resource summaries

The settings are made in the corresponding dialog that can be found by clicking "Configurations" in the "Actions" menu of the "User Setup" dialog:



In the "View - select table text" dialog, select the item and/or view for which you want to customize the table label



The “Edit – Define Configuration” dialog pops up:

Table Name	Field Name
SIMResourceGroup	Name
VJS Format Strings	Space
VJS Format Strings	(
SIMResourceGroup	No.
→ VJS Format Strings ...	:)

Here you can add, insert, edit, and delete fields as well as change their order. You can select the desired table name and field name from your Dynamics 365 BC data by clicking “...”

18.10.1. Formatting the labels

Separate the field contents by a blank, or by the separators shown below by selecting the according character from the “VPS Format Strings” table.

Value
New Line
Space
:
(
→)

In the picture below, you see the table label of a job planning line and its corresponding settings in the dialog.


Budget: MARY Selecting Furnishings

Table Name		Field Name	
Job Planning Line		Line Type	
VJS Format Strings		:	
VJS Format Strings		Space	
Job Planning Line		No.	
VJS Format Strings		Space	
Job Planning Line	...	:	Description

19. The Company Setup dialog

The settings in this dialog are applied company wide. Here you can

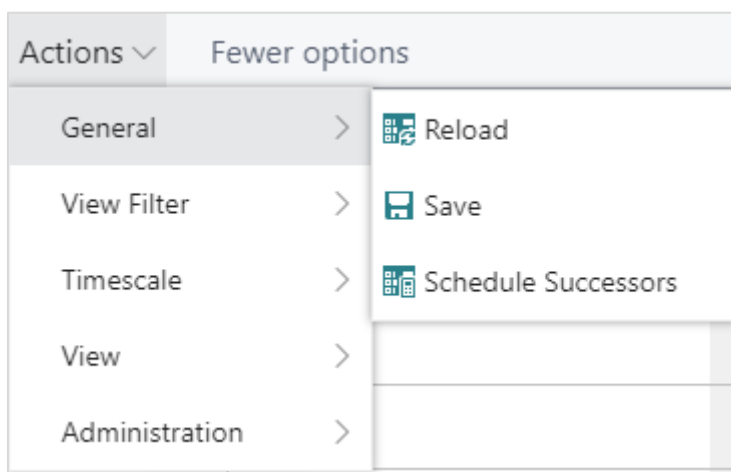
- Determine whether the quantity of job planning lines is calculated independent of the resource's capacity. In standard Dynamics 365 Business Central the quantity of job planning lines is calculated independent of the resource's capacity. The VJS allows to bypass this way of visualizing the quantity
- Hide or show the resource summary bar: some companies' processes include either several allocations per resource for one job task or considerably more than two resources per job task. These processes are much better visualized without a summary bar for the resources and so we created an option for hiding it.



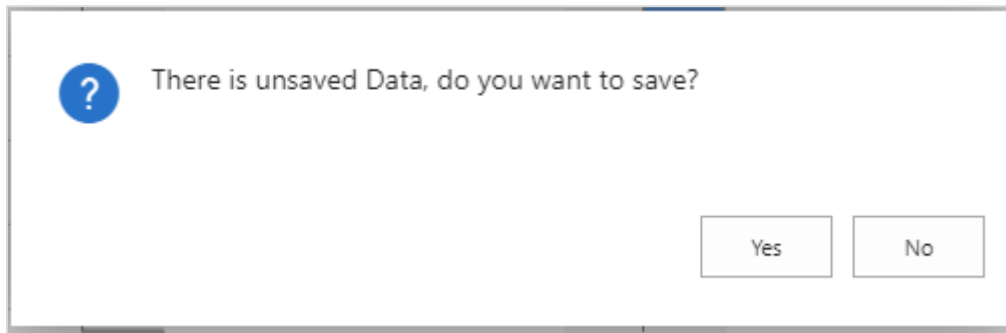
The image shows a 'Company Setup' dialog box with a title bar and a horizontal line. Below the line, there are two toggle switches. The first toggle is labeled 'Calculate Job Plannin...' and is currently turned on (indicated by a blue circle). The second toggle is labeled 'Hide Resource Summ...' and is also currently turned on (indicated by a blue circle).

20. Reload and save data

You can always reload data, thus discarding your changes as well as getting the latest status of your NAV data. The “General” items allow reloading or saving.



If there are unsaved changes in your plan when you click “Reload”, a dialog pops up where you can decide whether to save these changes or discard them.



After having saved your changes, a confirmation message pops up:

