

What's New in Decision One 3.2



The following new features have been added to Decision One Version 3.2:

File Attachments:

- a. Can be added to both Steps and Orders (maximum of 2 attachments per order or step).
- b. Attached files can be launched from within Decision One and are also linked when the schedule has been published to HTML.

Note: Please read Chapters 4 and 5 for more information.

Order Features:

c. Isolate Order

- Right click on any order and select Isolate Order, so that only this order appears on the Scheduling Board.
- Orders can be isolated with their associated pegged orders.
- Drag and Drop is disabled in Isolate mode.
- Click on the 'Return to Full Schedule View' button to return to normal view.

d. Freeze Order

- Right click on a scheduled order to freeze all of its' scheduled operations.
- Toggle with a 'Thaw Order' menu option.

e. Suspend Order

- Suspended orders are unscheduled and then taken off the scheduling board. They are not included during subsequent *reschedules*, until the 'Release Order' menu option is selected.

Notes on Order suspension:

- A completed order can not be suspended (it is done and out of the way).
- A completely unscheduled order can be suspended (to keep it from being scheduled).

- If an order contains some completed operations and is then suspended, the completed operations will be marked as suspended but left on the Gantt (they are in the past).
- If an order contains some partially-completed operations and is then suspended, the production update info is recorded in an operation note; the updates are then deleted and the operation is unscheduled and marked as suspended.
- Any frozen operations are thawed before they are suspended.
- Order pegs might be broken when an order is suspended.

Note: Please read Chapter 5 for more information.

Interruption Rules:

- Enabled and disabled at the Routing Step level.
- Consists of 2 settings – Max Break and Scheduling Horizon
 - Max Break – the maximum allowable downtime that can span an operation.
 - Scheduling Horizon – the maximum amount of time that can pass between the end of an operation and the start of its successor.

Note: If an operation cannot be scheduled because the interruption rules are not met, all its successors will be left unscheduled as well. Please read Chapter 4 for more information.

Operation Override:

- Expedite or delay an operation after it has been created
- At the operation level, you can change the quantity, step/run/cleanup rates/times, as well as secondary resources assigned to each operation.
- Operation override details can be imported, exported, and are published to HTML.

Note: Please read Chapter 5 for more information.

The following new features were added to Decision One Version 3.1:

More Intuitive Menu System:

- Version 3 has a new look and more intuitive menu system.

Primary Resources are used instead of “Machines”:

- This provides more flexibility in modeling your facility (i.e. you can now schedule people or paint booths at the top level).

Publish the production schedule to HTML:

- This is one of the most powerful new features. It allows you to publish one part (e.g. Orders) of the production schedule, or the entire production schedule (Routings, Orders, Dispatch) to your network and share it with everyone in your company via a web-browser.

Secondary Resources:

- Operators and/or tools and equipment can now be added to primary resources (at the routing step level). Secondary Resources are treated differently from Primary Resources in that they are not considered critical (i.e. are not a constraint) in the scheduling algorithm and are for display purposes only (i.e. when publishing).

Apply Uptime Only:

- When one or more areas within your facility are 24x7, use Apply Uptime Only to easily model this situation.

Units of Measurement:

- Used at the routing level, you can now specify what units of measurement each order is based upon.

Customers and Customer Reference Numbers:

- Two new fields added to orders to enable sorting by customer when you publish and/or export your production schedule.

Complete Operation, Complete Order:

- Now you can quickly complete an operation or an order, including all predecessors and/or all pegged orders.

Sample Models:

- **Various sample models** are included that may help you understand different scheduling methods for different situations.

Import More Data:

- You can now import secondary resources, customers, operation override, pegged orders and many other fields.

Mouse Over Details:

- When you mouse over various entities like Routing Steps, Orders and Operations, a text box appears showing detailed information about each entity.

Zoom Horizontally/Vertically and Return to Time Now:

- 4 new buttons for zooming vertically and horizontally easily.
- A convenient button that brings the schedule back to time now.