COMBOBULATOR 2022

Turning Chaos into Orders

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Combobulator Setup Screen <1481>

- Printer
- TRACE Station
- Service Code
- Max # Releasable
- Frame Label
- Additional Features
  - WIP Test Queues
  - Job Filter Logic

Printer (optional)
Canon TS3300 series (redirected 2)

Sort

Fill Condition (optional)
Queue is full when
reaches 0 jobs/minutes.
☐ Auto-release queue

Trace Station
111 CBOB-SUB RCVD

Service Code WS22   ☐ Stay in Combobulator

Max #Orders Releasable 10

modified 12/14/20 by CL

Frame Label
FTCLBL

☐ Stock Order Queue
☐ Hold Queue   ☑ Assign FTC Bin
☐ Subcontract Queue
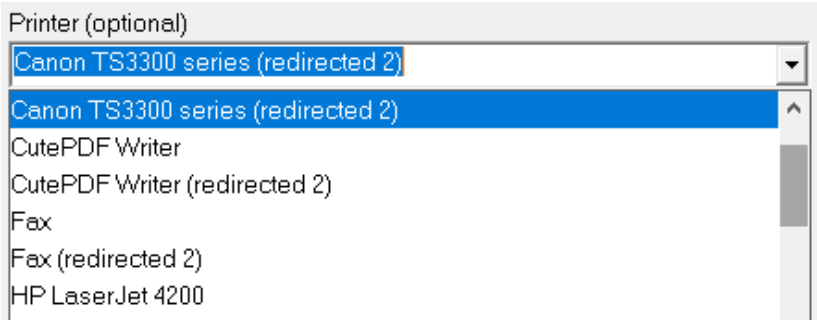☐ Auto FTC Queue   Bin Range:
☐ Pinnable   FTC

OK

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Assign Printer to Queue

• Used to set destination printer for this queue

  • Blank will use the default printer
  • Tray up
  • Stock Orders

Printer (optional)

Canon TS3300 series (redirected 2)

Canon TS3300 series (redirected 2)
CutePDF Writer
CutePDF Writer (redirected 2)
Fax
Fax (redirected 2)
HP LaserJet 4200

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Add TRACE Station to Queue

• Allows for logging of jobs in this queue to a specified TRACE station
  • TRACE station is assigned when the job first enters the queue
  • Tray history details
  • TRACE Late Jobs Reporting
  • Archive Reporting

Trace Station

111 CBOB - SUB RCVD
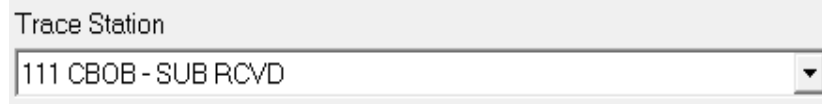
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Add Service Code to Queue

- Ability to add a service code to jobs in this queue
  - Service code is applied when the job exits the queue
  - Customer Service Rep
  - Special Handling
  - Service to print on work ticket

Service Code WS22

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Max # Orders Releasable

- Sets the maximum number of orders to print / release from this queue when "Process All" is selected
  - Blank will release all orders in queue
  - Eliminates need to "Process Some"
  - Prevents unintentionally releasing entire queue

Max # Orders Releasable 10

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Frame Label

- Select label to print for this queue
  - Frame pull – FTC
  - Assign FTC bin
  - Print any label from Form Editor
  - Print labels by right-clicking and selecting "print frame labels"
  - Key off label for job status

Frame Label

FTCLBL

☑ Assign FTC Bin

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WIP Test

- Ability to test a job in process to determine which queue will capture the job
  - Include details to view all queues job passed through
  - Test a specific tray or set number of trays

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Job Filter Logic

- Routing Filter Logic – Wizard List <2252>
    - Detailed list of routing logic filters by queue

Wizard List

F1:Machinery   F2:Forms   F3:Routing   F4:Coat Sub   F5:Mfr Sub   F6:Conveyor   F7:Combobulator

Search:

Name

apfo.dat
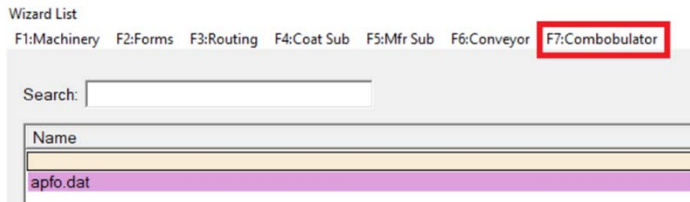
```
J:\vision\jrle\apfo.dat
4: Unreviewed
    1. Reviewed(54) == FALSE
    2. Service Description(73) == *
- - - - - - - - - - - - - - - - - - -
85: FTC - AUTO Temp
    1. Job Type(8) == D
    2. Frame Lab Traced(105) == TRUE
    3. Reprocessed w/Tracing(106) == FALSE
    4. Lens Short Ordered(103) == TRUE
    5. Account(18) == 6
- - - - - - - - - - - - - - - - - - -
32: MFR Backorder
    1. Lens Style(12) == RD*,ST28,ST35,STT*,DOUBLE*
    2. Lens Material(10) == H53
    3. Service(14) != OKCL
    4. Job Type(8) != M
    [1 and 2 and 3 and 4]
- - - - - - - - - - - - - - - - - - -
```

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New Filter Options

- Circ or DBL Specified
    - Captures orders where the ECP has specified the Circ or the DBL
    - Allows the lab to review certain accounts and potential problematic frame information before starting a job

Queue Name: Dr. Johnson

Description: Jobs where Dr. Johnson has specified frame info

Job Inclusion Criteria

#		Data Type	Operator	Value(s)
1	?	Account	=	12345
2	?	DBL Specified	=	TRUE
3	?	Circumference Specifie	=	TRUE
4	?			
5	?			
6	?			
7	?			
8	?			
9	?			
10	?			
11	?			
12	?			

Optional Formula (e.g. "(1 or 2) and 3")

1 and (2 or 3)

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New Sort Options

- Days Since Frame Received
  - Overrides default of "aging" for initial job selection
  - Ensures that the jobs printed are the ones that the lab has had the frame for the longest
  - Also available as a field in the Form Editor

Sort

Days Since Frame Rec ▼

Days Since Frame Receiv
DBL Specified
Delivery Method
Department
Digital MFR
Digitally Filled

Fill Condition (optional)

Queue is full when

reaches 0

☐ Auto-release queue

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New Sort Options

- Ship Date
  - Overrides default of "aging" for initial job selection
  - Allows the lab to prioritize promise jobs

Sort

Ship Date ▼

Ship Date
Slow Macro
Smallest Blank Diam
Stock Order Type
Stock Redirect
Stock Redirect Error

Fill Condition (optional)

Queue is full when

reaches 0

☐ Auto-release queue

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Calculate Digital Jobs in Combob

- Option to hold jobs in a queue until digital results are received
- Capture any digital failures in a specific queue for review
- Merge LDS values into job for print on work ticket

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Receive Remote Pattern Before Job

- Patterns can be received before job is in-house
- Once job arrives, pattern is merged to job
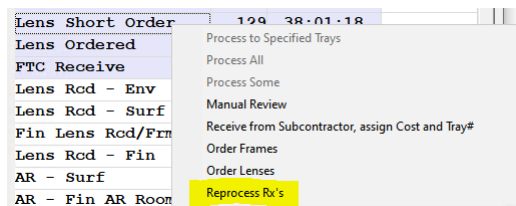- Allows customer to send pattern according to their workflow

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Job Data Export

- Option to export job data upon entry into XML files and revisions to JSON files.
- The data created using this process is suitable for import into a database for reporting purposes on current work-in-process.
- This feature is licensed and activated as part of the Enterprise License Module.
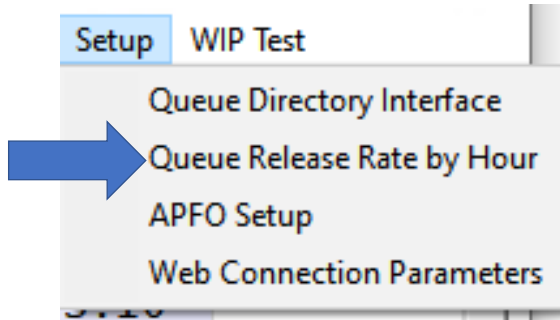
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Reprocess Rx's

- Ability to reprocess all jobs in any queue to apply new rules
  - Worktickets are not printed
  - Job stays in the Combobulator
  - Can be used on ANY queue
    - Including EDITS
  - Does not relog to any assigned TRACE station
  - Digital jobs not recalced

Lens Short Order	129 38:01:18	
Lens Ordered		Process to Specified Trays
FTC Receive		Process All
Lens Rcd – Env		Process Some
Lens Rcd – Surf		Manual Review
Fin Lens Rcd/Frm		Receive from Subcontractor, assign Cost and Tray#
Lens Rcd – Fin		Order Frames
AR – Surf		Order Lenses
AR – Fin AR Room		Reprocess Rx's

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Queue release rate

Setup | WIP Test

Queue Directory Interface

Queue Release Rate by Hour

APFO Setup

Web Connection Parameters

- Allows defining by queue the amount of jobs to release per hour
  - Requires queues to be set to Auto Release
- Assists in consistent workflow or load balancing
- Set by day of week and hour
  - Release counts reset at the start of each selected hour
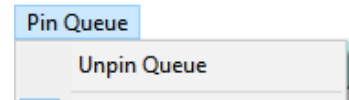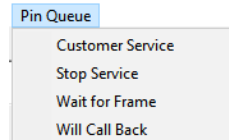
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Queue release rate

- If less than defined are available to print, all jobs are printed and new jobs that fall into queue are printed as received until requested amount is fulfilled

Day

Workday

Any Day
Workday
Non-Workday
Sunday
Monday
Tuesday
Wednesday

Queue Release Rate

Queue	Day	06:00 AM -	07:00 AM -	08:00 AM -	09:00 AM -	10:00 AM -	11:00 AM -	12:00 PM -	01:00 PM -
AR - Fin	Workday					20	20	20	20
Edged - Surf	Workday		20	20	20	20	20	20	
AR - Surf	Workday	20	20	20	20				

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Pinnable Queues [wsr]

- Queues that hold jobs until "pin" is removed
  - Useful for directing jobs to specific staff or departments
- Can be set from Rx entry
  - In process job
  - New trayless entry job (REQ)
- To remove from queue, Unpin option must be selected

Pin Queue
Customer Service
Stop Service
Wait for Frame
Will Call Back

Pin Queue
Unpin Queue

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Error types in EDITS

- Error type
  - More general representation of job issues

Review by Error Type	>	Miscellaneous Edits	100
Review by Warning	>	Duplicate	23
Review by Origin	>	Cut out	11
Receive from Subcontractor, assign Cost and Tray#		Lens pick	32
Order Frames		Frame	14
Order Lenses		Pricing	22
Reprocess Rx's			

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Warning in EDITS

- Warnings
  - Specific breakdown by Rx Warning
  - Useful for assigning correct staff

Process to Specified Trays	EDGE TYPE OK?	1
Process All	NO PICK/SPECIFY	7
Process Some	OC OUTSIDE SHAPE	2
Manual Review	EYE SIZES AVAILABLE	2
Review by Error Type >	BRIDGE SIZES AVAILABLE	3
Review by Warning >	PRISM SAME DIRECTION!	1
Review by Origin >	RX NOT PRICEABLE!	20
Receive from Subcontractor, assign Cost and Tray#	EYESZ NOT = TRACE..SPEC CSIZE?	2
Order Frames	3D FIT! CK BASE?	1
Order Lenses	EXTREME DECENTRATION	4
Reprocess Rx's	AR/SCR MISMATCH	19
	Coat Unavailable in Lens	1
	CONVEX ADD CURVE	1
	FRAME MARKED FOR NO-'G'	5
	Pick Lens Add not found	4
	Lens Not Found	17
	Miscellaneous Edits	27

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Thank You!

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