


This is an interactive landing page! Click on any of the links below to take you to a new location. Click the return icon at the bottom of each page to navigate back here: 

Compatibility: Data Access 3.3.0 is compatible with Onyx Versions 24 and 25. However, full functionality of endpoint usage requires Version 25.

Dashboard V3 API Enhancements

Added Dashboard API functionality for printer information (Printer States)

GET /v3/printer/messages

Added the ability to retrieve printer messages such as ripping, printing, and custom printer states. Endpoint supports the following parameters: query, latest, and id.

GET /v3/printer/{id}/messages

Added the ability to retrieve printer messages for a specific printer. Endpoint supports the following parameters: query and latest.

POST /v3/printer/{id}/messages

Added the ability to post custom printer messages such as needed maintenance, operator statuses, etc.

DELETE /v3/printer/messages

Added the ability to delete printer messages. Endpoint supports the daysOlderThan parameter, which allows you to delete printer messages older than the specified days.

GET /v3/printer/{id}/status

Added the ability to retrieve the printer's print status. Information returned includes percent done, startTime, and startDate.

GET /v3/printer/{id}/states

Added the ability to retrieve printer states such as the printNest, printComplete, deviceStatus, and printStages.

GET /v3/printer/{id}/estimate

Added the ability to retrieve the print time estimate for the current nest.

DELETE /v3/job/messages

Added the ability to delete job messages. Endpoint supports the daysOlderThan parameter, which allows you to delete job messages older than the specified days.

GET /v3/report/{printRecordId}

Added the ability to retrieve a job report with the printRecordId.

GET /v3/printer/{id}/event

Added the ability to subscribe to printer events via SSE. This endpoint allows you to listen for incoming printer updates and respond appropriately.

GET /v3/printer/event

Added the ability for all printers to subscribe to printer events via SSE.

PDP API Enhancements for Printer Alerts

New endpoints have been added to the PDP API to get printer alerts:

GET /v3/printer{id}/events

Get all events for a specific printer

GET /v3/printer/event

Get all events for all printers

POST /v3/printer{id}/message

Post custom status messages to a printer

GET /v3/printer{id}/message

Get all messages for a specific printer



Dashboard V3 API for Media and Ink Levels

New endpoints have been added to the Dashboard API to retrieve media and ink levels.

GET /v3/device

GET /v3/device?status=Online

GET /v3/device/{id}

POST /v3/device/{id}/action

POST /v3/device/{id}

PDP API: Nest Print Estimation Endpoint

A new endpoint has been added to the PDP API to get the current estimated nest print time. This is based on the start/end times and nest width/height of previous print records for the same device mode.

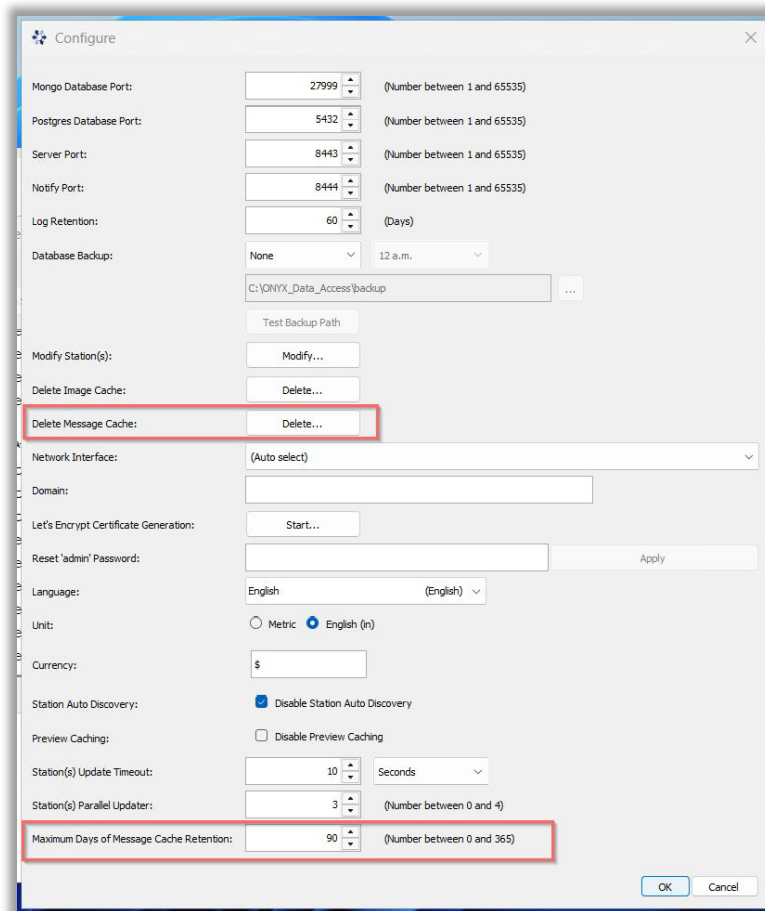
/v3/printer/printerUUID1/estimate or /v3/printer/deviceUUID1/estimate

PDP API: Clear Older Printer/Job Messages

Due to the large number of printer and job messages that can be generated, a way was needed to manually delete older messages that may no longer be relevant.

- "Maximum Days of Message Cache Retention" can be set in the Data Access controller.
- Message Cache can be deleted from the Data Access controller delete button.
- At the startup of PDP, all messages older than the set maximum days of retention are deleted.
- New endpoints have been added:
 - Delete printer/job messages
 - Delete printer/job messages older than the specified number of days





Resolved Issues and Improvements

License Manager Renamed

License Manager for Data Access is called “Data Access License Manager” for better clarity in multi-product environments.

Improved Upgrade Reliability

Resolved an issue where deprecated WMIC.exe caused errors during Data Access upgrades, backups, and version reporting.

Preview Retrieval Stability

Fixed an issue where Align users received internal server errors (500) when attempting to retrieve job previews.

Accurate Ink Usage Reporting



Ink usage calculations remain accurate even after a job with the same name is deleted and re-added.

Device Configuration Enhancements

Users can now directly edit device settings such as media type and page size within Data Access.

API Memory Optimization

Increased default memory allocation for the API server from 4 GB to 16 GB, and controller memory to 6 GB, improving performance under heavy load.

Enhanced Job Status Messaging

Added crcHash to XML/JSON API responses for improved job status tracking and validation.

