

OVERVIEW

These release notes provide a list of changes to the Carbon DLS API, including resolved issues, new features, and coming soon. In this release, we have added the following features:

- Fewer builds created when the number of parts exceeds one build
- PartOrder status should update more quickly when a build fails
- PartOrder should no longer attempt to process builds with invalid application IDs

You can find the entire process from generating an API key to testing your JWT token on our API repo located at <https://github.com/carbon3d/carbon3d-api>.

The Carbon DLS API is provided as an OpenAPI spec ([api.yaml](#)). This spec allows you to generate client libraries in many languages. A list of supported OpenAPI generators is available [here](#).

If you have any questions and/or feedback, please contact api-list@carbon3d.com.

RESOLVED ISSUES

1. Builds should contain correct number of models (CLP-16130)

On occasion, the service that created builds previously would put parts onto more builds than was necessary. It should now place models into the fewest amount of builds. This issue only applied to flushed part orders.

2. PartOrder status should properly update when a build fails (CLP-16295)

When a model's status is set to fail (currently when models cannot be repaired), the order that references that model will be updated to fail. (In a future release, we will pack the models that are water-tight and/or those that can be prepared, and fail only the individual model, as noted in Coming Soon.)

3. PartOrder attempts to process builds with invalid application IDs (CLP-16109)

If a PartOrder references an invalid application, it will now fail consistently.

KNOWN ISSUES

- Slice video may not match build being processed (CLP-16284)

There is a low chance that the generated slice video may not match the build being processed. We are investigating and fixing the issue.

Please reach out to our API support group at api-list@carbon3d.com or file issues on our GitHub repo.

COMING SOON

The following will be implemented in an upcoming release:

- Ability to query Print Orders status via 'GET /print_orders' (CLP-16039)
- Individual models will be marked "failed" instead of the entire build when model repair fails (CLP-16037)
- New fields added to Printed Parts (GET /printed_parts) (CLP-16044)