

OVERVIEW

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

- **API version 0.3.0 has been released**
- **The Application ID (`application_id`) parameter has been removed from all supported endpoints**
- **The parameter Packing Group (`packing_group`) has been added to PartOrders (POST `/part_orders`)**
- **Build SOP's default print profile has been changed to v2.3**

You can find the entire process from generating an API key to testing your JWT token on our GitHub repository 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 FEATURES

1. **Build UUID has been added in the Printed Parts (GET `/printed_parts`) output on projects that have been printed and statuses will update accordingly (CLP-18813)**

The printed parts associated with specific PartOrders were previously not linked to the printed parts that were actually printed. As a result, the Build UUID of a printed part associated with a PartOrder was not populated after a project was printed and should now correctly populate. All previous printed parts that previously were lacking Build UUIDs should automatically populate after this change as well.

NEW FEATURES

2. **The Application ID (`application_id`) parameter has been removed from all supported endpoints (CLP-18763)**

We have updated to 0.3.0 which signifies the removal of the Application ID (`application_id`) parameter from all endpoints: Models (POST `/models`, GET `/models`), Parts (POST `/parts`, GET `/parts`), PartOrders (GET `/part_orders`), PrintOrders (GET `/print_orders`), PartMeasurements (GET `/part_measurements`), PartMeasurementTemplates (GET `/part_measurement_templates`), Printed Parts (GET `/printed_parts`)

Application UUID (`application_uuid`) must be used in replacements of Application ID and requires client version 0.2.7 or higher.

3. **The parameter Packing Group (`packing_group`) has been added to PartOrders (POST `/part_orders`) (CLP-18762)**

We have added the optional parameter Packing Group (`packing_group`) for use when submitting and fetching PartOrders. When viewing part orders (via the API or on the Build Catalog page), the packing group field will only appear if the part order contains a packing group.

The packer will automatically pack submitted part orders in their packing group - part orders not submitting in a packing group will be treated as a separate packing group and will be packed together. A simplified example can be found on the table below.

Packing Group	Parts automatically packed together
<none entered>	PartOrder1, PartOrder2
Test 01	PartOrder3, PartOrder4
Test 02	PartOrder5, PartOrder6
Test 03	PartOrder7, PartOrder8

The flush parameter works with packing groups, so you can use the FLUSH parameter to auto-pack a set of parts in a packing group at a later time.

KNOWN ISSUES

- We are looking into an issue where `GET /printers` intermittently return a server error 500 (CLP-18979)

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