



# RELEASE NOTES CLOUDBILLING V1.8.3

## PERFORMANCE IMPROVEMENT

Significant changes have been made to increase the calculation speed when processing invoices.

## NEW FEATURES: API CALLS

### REMOVE PARENT FROM CUSTOMER CLUSTER

This call allows you to remove the parent of a specific customer cluster.

### RETRIEVE USE OF CUSTOMER BUNDLES

This call allows you to retrieve and view the usage of Customer Bundles. It will return the usage of the specified customer bundle.

### DELETING PURCHASES

This call allows you to delete one or more purchases. The purchase will be flagged for deletion and will be processed in the same manner as a manually deleted purchase.

## BUG FIXES

### PRICING RULES SCREEN FIX

Previously in rare cases the pricing rules screen could crash if the total number of pricing rules configured exceeded 100.000 rules. This has been fixed and the screen no longer crashes when handling larger number of rules.

### PARTIAL RESET FIX

In rare scenario's during calculation of invoices via partial reset it could happen that certain pricing rules were skipped. This has been fixed.

**UPLOADING PURCHASES WITH QUANTITY = 0**

Previously it was not possible to upload purchases with a 0 quantity due to quantity being a required field with the default set to 0. This has been fixed, it is now possible to upload purchases with a quantity of 0.

**PRORATE ROUNDING**

When using, in certain scenario's, the 'prorate start up' rounding option on a pricing rule it would incorrectly use rounding resulting in a 0 measured quantity. This has been fixed.

**INCORRECT ORDERING OF DATA POINTS**

The Purchase processing widget would connect the data points in the incorrect order when the domain of the graph would encompass the transition of one month to the next month. This has been fixed.

