

Effective Date: 29 March 2022

Cloud Services Catalog

You have entered into an Agreement which incorporates the Cloud Services Catalog by reference. This Cloud Services Catalog is subject to change by Autodesk, and such changes shall take effect immediately upon posting, or on such later date as the updated Cloud Services Catalog specifies.

“Agreement”: the contractual terms and conditions which You have entered into with Autodesk in which this Cloud Services Catalog is referenced in the Token Flex Program.

Cloud Services with Daily Token Consumption Rates

Data Usage Group 2 (reported based on Event)

Cloud Services title	Daily Token Consumption Rate
Fusion 360 Additive Build Extension	11
Fusion 360 Nesting & Fabrication Extension	11
Fusion 360 Machining Extension	11

Cloud Services with Non-Daily Token Consumption Rates

Data Usage Group 2 (reported based on Event)

Cloud Service title	Token Consumption Rate (per event)	Description of consumption calculation
Fusion 360 – Generative Design Extension	11 tokens per study	Eleven tokens are charged if at least one iteration of any outcome is generated. For more on study outcome generation, see Fusion 360 Generative Design studies .
Fusion 360 – Simulation Extension	3 or 6 tokens per solve	<p>Three tokens are charged for a basic solve. Six tokens are charged for an advanced solve. For a list of basic and advanced study solutions, see the following:</p> <p>Basic Study - 3 tokens</p> <ul style="list-style-type: none"> • Fusion 360 thermal simulation • Fusion 360 thermal stress simulation • Fusion 360 modal frequencies simulation • Fusion 360 shape optimization simulation <p>Advanced Study - 6 tokens</p> <ul style="list-style-type: none"> • Fusion 360 structural buckling simulation • Fusion 360 event simulation • Fusion 360 nonlinear status stress simulation • Fusion 360 injection molding simulation

		<p>For more about Fusion 360 simulations, see Fusion 360 Simulation studies.</p> <p>Tokens are not charged for linear static stress analyses, which is part of your Fusion 360 entitlement.</p>
Insights – Lighting Analysis for Revit	1 token per 12” (30.5 cm) analysis	<p>One token is charged each twelve inches of Solar Access analysis up to 2,500 square feet (232 sq m). Tokens are not charged for lower resolutions below certain area thresholds. For information about analysis type and resolution, see the following:</p> <p>Between 5 and 40 tokens are charged per quantity of square feet, depending on analysis type and grid resolution. For small areas, there is no charge for an analysis that would otherwise cost four tokens or less.</p> <p>Illuminance Analysis LEED 2009 IEQc8 opt/ LEED v4 EQc7 opt2</p> <ul style="list-style-type: none"> 72-inch grid – one token is charged each 37,500 square feet (3,485 sq m). There is no charge for an area smaller than 25,000 square feet (2,300 sq m). 12-inch grid – one token is charged each 9,000 square feet (840 sq m). No tokens are charged for areas smaller than 6,000 square feet (550 sq m). <p>LEED v4 EQc7 opt1</p> <ul style="list-style-type: none"> 24-inch grid – one token is charged each 3,600 square feet (335 sq m). No tokens are charged for areas smaller than 1,300 square feet (120 sq m). <p>Daylight Autonomy (sDA)</p> <ul style="list-style-type: none"> 24-inch grid – one token is charged each 7,500 square feet (700 sq m). No tokens are charged for areas smaller than 6,000 square feet (550 sq m). <p>Solar Access</p> <ul style="list-style-type: none"> 12-inch grid – one token is charged each 7,500 square feet (700 sq m). No tokens are charged for areas smaller than 6,000 square feet (550 sq m). <p>For all analysis types, no more than 40 tokens can be charged.</p>
Moldflow – cloud service entitlement	7 tokens per analysis component	<p>Seven tokens are charged for each analysis component. For example, twenty-one tokens are charged if you specify cool, flow, and warp components for analysis. For information about</p>

		the cost of jobs, and for design of experiments (DOE) or parametric analysis, see the Moldflow product help . Note, a Moldflow subscription is required to access this service.
ReCap Photo	1 token per 50 photos	One token is charged for every 50 photos. For example, two tokens are used to convert 85 aerial photos to a 3D site model. For more about converting photos, see ReCap Photo help .
ReCap Scan-to-Mesh	1 token per 150, 300, or 600 M points	One token is charged each 150, 300, or 600 million scan points for fine, medium, or coarse mesh resolutions, respectively. For example, a project consisting of 1 billion (1,000 M) scan points costs six tokens for a fine mesh. The same project costs three tokens for a medium mesh, or one token for a coarse mesh. For a description of mesh resolutions, see Scan to Mesh Quality Levels .
Rendering	1 token per 3 or 6 MP	One token is charged each 6-megapixel (6 MP) at standard quality, or each 3 MP at final quality. For example, a 3840 x 2160 (8 MP) image costs one token for standard quality, or two tokens for final quality. Higher rates may apply for non-basic rendering types such as multi-frame or illuminance. For more on rendering types and quality, see FAQ for Rendering .
CFD cloud service	5, 10, or 35 tokens per simulation	Five, ten, or thirty-five tokens are charged for a simple, moderate, or complex job, respectively. For a description of job complexity, see Running CFD Simulations in the Cloud .
Autodesk Validation Tool	1 token per model/check	If the check fails to complete the token is credited back to You.
Infraworks Profile Optimization	0 tokens	N/A
Infraworks Watershed Analysis	0 tokens	N/A

To the extent that Autodesk makes additional Cloud Services available to You under the Agreement which are not listed above with a specific Token Consumption Rate, such Cloud Services are typically accessible with a zero Token Consumption Rate.