PRINT

EVOLVE
ADDITIVE SOLUTIONS

Printing

Evolve...

40   60

20   80

00:26:45
59%

0   100

Job
Name: Evolve_Benchmark6_560mm_MW_25um_Rev2
Layers: 640
Time: 01:06:06
Slice: 0.0250 mm

SUP FULL   **PRT FULL**   **PRT FULL**   **SUP FULL**

Maintenance
Clean Chargers - Primary and Pre-Clean
Clean Toning Station
Clean IC and BC cleaner - Brush only
Inspect Backside Belt Cleaners - Replace when low
Inspect Belt
Clean Gocators
Inspect and Clean Heaters
Inspect Transfuse Roller
Clean IC and BC Cleaner - Brush and Housing
Clean Belt Conditioners
Remove and Clean ICs
Remove and Clean BCs
Clean Imaging Heads
Clean Erase Lamp

In-flight Checks
Certificate upgrade available.
Eng(1) Developer InvNum(S1026) life exceeded.
Eng(2) Developer InvNum(S1056) life exceeded.
Eng(3) Developer InvNum(S1056) life exceeded.
Eng(1) Toner InvNum(S1070) printed weight exceeds bottle weight.
Eng(2) Toner InvNum(S1030) printed weight exceeds bottle weight.

● Environment   ● Motion   ○ Registration   ● Thermal   ○ ToP   ○ EP

SOFTWARE

Enable key manufacturing capabilities with Evolve™ software

Evolve Additive Solutions has its own proprietary as well as partner software allowing you to create, monitor, and track the workflow of your 3D print jobs. This software gives you the ability to take full advantage of the SVP™ System's unique benefits.
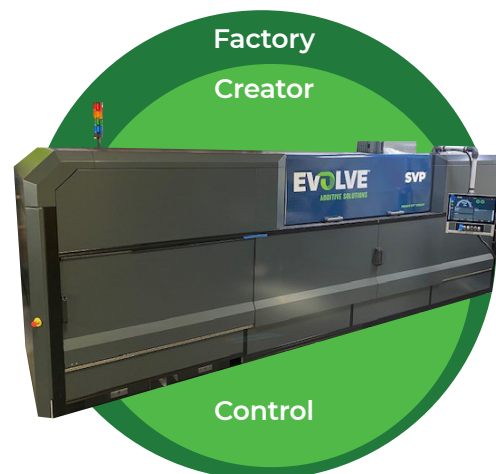
This powerful 3D print preparation software enables manufacturing engineers, or build designers, to import CAD files, setup print jobs, slicing parameters, and then send the job to an SVP to be built by the operator on the factory floor.

Once you have prepared and saved the job build, you now have a digital mold. This job can be recalled later and printed or distributed electronically to be printed on other SVP systems in your network.

EVOLVE SOFTWARE

The three key software functions:
· Evolve Control™
· Evolve Creator™
· Evolve Factory™

Factory
Creator
Control

EVOLVE
ADDITIVE SOLUTIONS

Evolve Control

Evolve Control software runs on the SVP industrial PC and includes the human-machine interface (HMI), closed-loop quality controls, operator controls, motion controls, firmware, process temperature control, system sensors, and electrophotography controls. The Evolve Control software is included with the SVP system as a perpetual license for the shipped version. Annual Software Maintenance Agreements are available.

Evolve Creator

Evolve Creator is licensed to run on a specific server. It bundles the slicing function, slicing rules, job creation for SVP as well as monitoring layer quality scans of the build in progress. These build data can also be retrieved from archived builds. Creator does not include a CAD authoring tool, but rather allows you to import those CAD files, set process parameters and create a bundled job of all of the rules and files needed to print on the SVP.

Evolve Factory

Evolve Factory is a larger set of features that manages the manufacturing and printing workflow for SVP. With this software you can monitor multiple machine's status, a separate OPC-UA server module is available that connects this data with MES, ERP, PLM or other common scheduling software. Evolve Factory enables tracking Job Quality, Machine Operational Effectiveness, and Material Inventory.

Software Maintenance Agreements

Annual software service agreements are available to provide ongoing access to updates, technical support, and updated documentation. Lapse in service agreement requires new purchase of software license.

	Basic	Factory
Perpetually licensed features:		
Modify Slicing Parameters	X	
Image Viewer	X	
Job Ticket Portal	X	
Printer Driver	X	
Time Machine		X
Post Process		X
Materials DB		X
Quality		X
Siemens Connectors, Other ERP, PLM, MES Connectors		Options
OPC-UA Server		Option
12months Software Maintenance	Included	
Software Maintenance Renewal– Get upgrades, updates, tech support	Annual	
Annually licensed (required with Creator to slice new files):		
Build Processor(slicer) –ModuleWorks	X	
Build Processor Software Maintenance	Included	

Evolve Software Product Licensing

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