



JETTING & PHOTOPOLYMERIZATION

# App Development Kit (ADK)

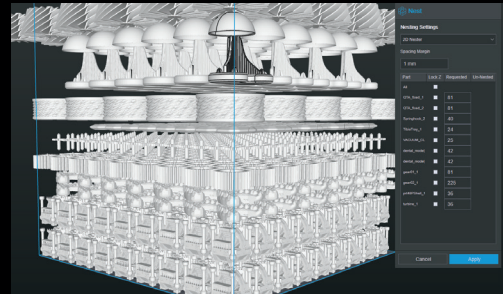
**Work Smarter, Not Harder. Focus on What Makes You Special.**

Dyndrite's **App Development Kit (ADK)** contains the tools you need to make a software app for your unique machine, process, and users. Whether you're just starting as a machine builder or deploying 1000s of machines, use Dyndrite to focus on what differentiates your hardware and processes.



## Additive CAM Prep Go Beyond Build Prep

- Hyper Performance - Multi-Threaded CPU & GPU Power
- Multi GB STL Files with 1000s of Parts
- Native CAD Import with Metadata
- Position, Nesting, Support, Slice
- Works Out of the Box
- Configurable Toolsets, Process Specific GUI Building
- Grayscale/RGB PNG/BMP/TIFF
- Up to 1200 DPI Output

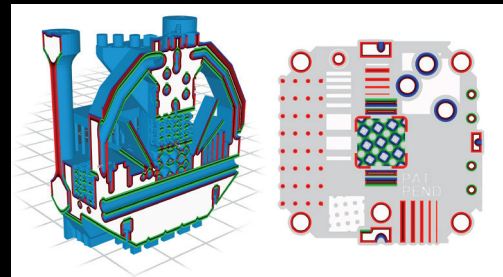


Nest & interact with thousands of parts.



## Materials & Process Development Better Parts, Faster

- Better Parts (Thin Walls, Small Features, Surface Profiles)
- Expand Materials & Printable Parts
- 3D Feature Aware Toolpaths
- Variable Droplet Size, Light Intensity, Laser Power
- Multi-Material Development
- Shelling, Anisotropic Compensation
- Variable Slice Height
- DOEs and Fast Iteration

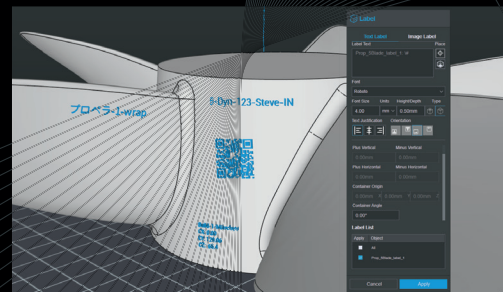


3D segment parts using field-based queries.



## Process Qualification & Calibration Simplify Your Process

- Labeling: Text, Images, QR Codes
- Database Integration
- Editable Pre-Built Build Recipes
- Customized Qualification Workflows
- Automated Screenshots
- Slice Area Statistics
- Flexible Report Generation
- End User Calibration & Repeatability
- Build Location-Based Part Scaling
- Rules-Based Specimen Placement

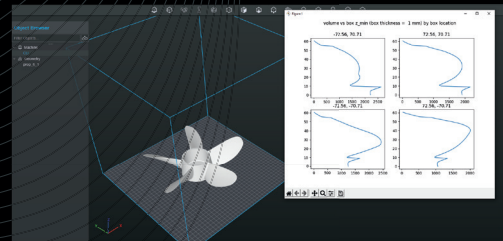


Multiple labels per part, including, images/QR Codes, & dynamically generated data. Supports international fonts.



## Automated Production Lines Repeatable Quality & Traceability

- Scalable Performance
- GUI or Headless Build Preparation
- Multiple Labels per part
- Post Build Qualification Labeling
- Nesting & Orientation Optimization
- Build Recipes & CAD Driven Automation
- Automated Geometry Query-Based Build Traveler Generation
- MES or Database Integration



Auto-generated reports: e.g., "Slice Area by Plate Quadrant."

Visit our website to learn more about the Dyndrite Application Development Kit (ADK).



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dyndrite.com