



Plan is a new software feature for NOVA designed to unlock advanced printing capabilities. It offers features such as multilayer printing, and the ability to alter the sequence of trace printing. This is an essential tool for users printing multi-material designs, users wanting more control over the printing process, or for users looking to reduce setup time for repeat print jobs.

Highlights

- Crossover printing
- Trace stacking (up to 4 stack-up layers*)
- Flexible feature adjustment
- Precise variable control

New features and benefits



Multilayer printing

- View and set up complete multilayer designs in one step to identify print errors before dispensing.
- Generate smart probe points, taking into account subtle height changes each subsequent layer creates.
- Create a detailed height map while minimizing processing time.



Print job editing

- Visualize design features like toolpaths and probe points for fast and accurate iteration.
- Adjust the print order of features to achieve repeatable results.
- Delete unwanted features to simplify the print process.
- Save print jobs with the same settings, allowing for easy reprints with consistent results.

Additional benefits



Material flexibility

Compatible with any screen-printable ink or paste within a viscosity range of 1,000 to 1,000,000 cps, including custom and proprietary materials.



Scalability

Transition seamlessly from prototyping with NOVA to mass manufacturing via screen printing once the proof-of-concept is validated.

** Designs with more than 4 stack-up layers are achievable but depend on a number of factors.
For more information, contact Support at support@voltera.io.*

