Stronger. Lighter. Faster.
With Slicedog® Auto Optimization in Slicer

30% Faster Print Times Across

Slicedog® brings automatic FEA-based optimization to every print job. No tuning, no trial-and-error, no profile switching. The result? Predictable strength, lighter parts, and dramtically faster production across all printers.

The Challenge

Print farms struggle with **unnecessarily long print times** because operators can't know **how strong a part really needs to be**. To stay safe, they default to overbuilt settings. High infill, thick walls, dense perimeters, or even 100% infill in industries like rail and defense.

This over-engineering blocks capacity, burns material, and slows every printer on the floor.

Slicedog® Solution

Slicedog® automates structural optimization directly inside slicer from forces and fixations. Each part is optimized for strength and printability, producing stable, lightweight geometry that prints faster on any machine. Strength simulation is fully automated.

What this means for your team:
- **Print faster** by using only the material the part structurally requires
- **Standardized workflow** across all printers
- **Faster print preparation** with no manual tuning
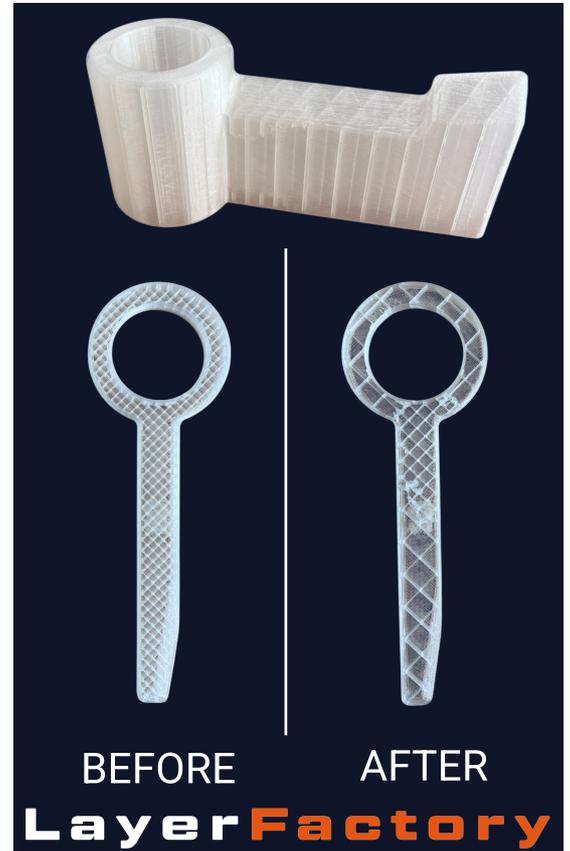
List of compatible slicers:
Bambu Studio, OrcaSlicer, PrusaSlicer, Cura
+ anything that opens 3mf project

LayerFactory (CZ) - Print Farm Case Study

A busy print service processing dozens of jobs weekly reduced average print time by 30% across their full part library.
Measured results:
- **30% average reduction in print time** across production
- **3 extra jobs per printer per week** reclaimed through faster throughput
- **Up to 25% lower filament consumption** without compromising strength
- **One print profile for all jobs** → fewer operator errors
- **Consistent strength** thanks to optimization based on validated mechanical models

BEFORE   AFTER

LayerFactory

🕐 30% Less Printing Time
On Average across all production

$ 3 Extra Jobs week/printer
Thanks to using freed capacity

🔄 Standardized Workflow
Single print profile for all jobs

Dolphin Printer   See how much production time you can reclaim