

## NSI X3000 General Info

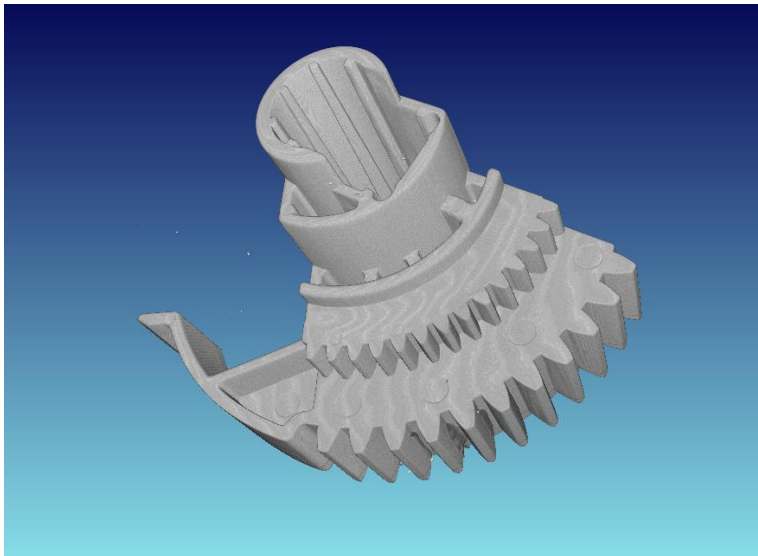
Max resolution:	1 $\mu\text{m}$ (Depends on part size)
Max Part size:	20" Diameter x 17" Height 3" Diameter x 6" Height (fast scan)
Data format options:	Video Flythrough or Packed executable(3d Model)
Materials that can be imaged:	Plastics, composites, metals
Common Uses:	Reverse engineering, failure analysis, part validation
Pricing:	See Shop Staff
Turnaround Time:	See Shop Staff

## Reverse engineering

Example: Failed part in a printer

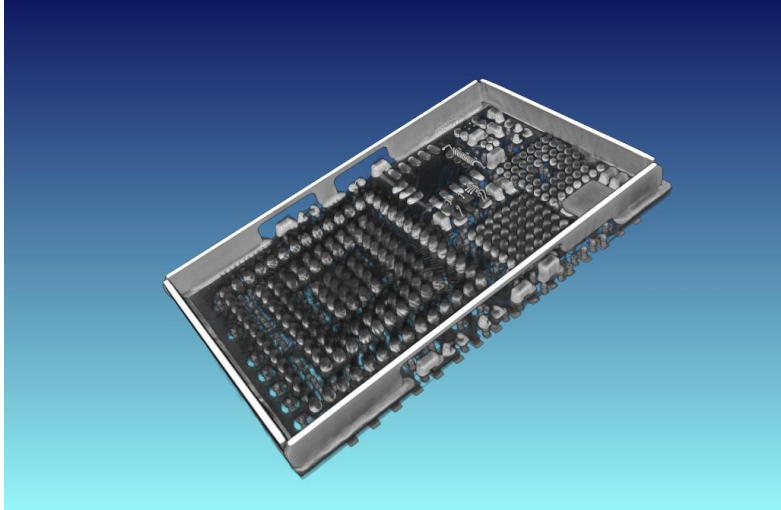


Scan can be exported as a STL file and reproduced with additive manufacturing

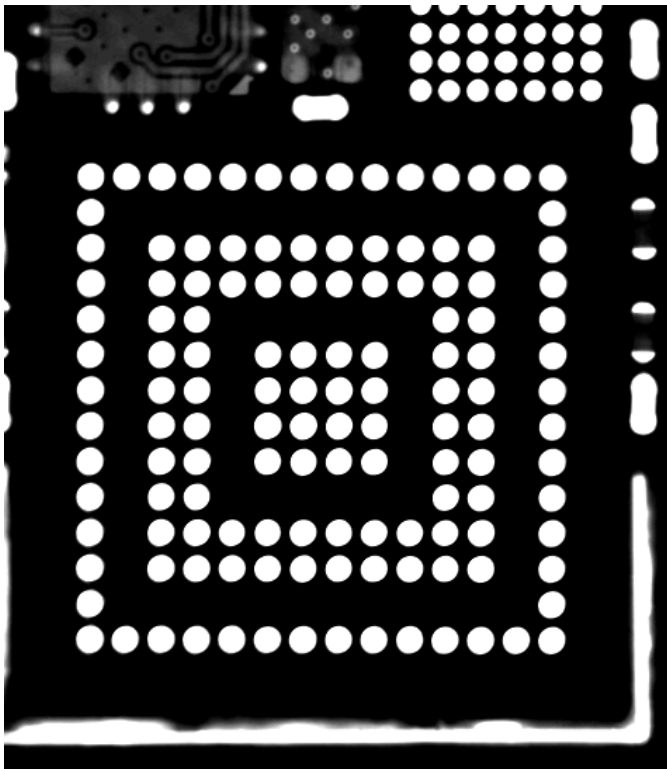


## Electronics Failure analysis

This board was exhibiting intermittent connection issues

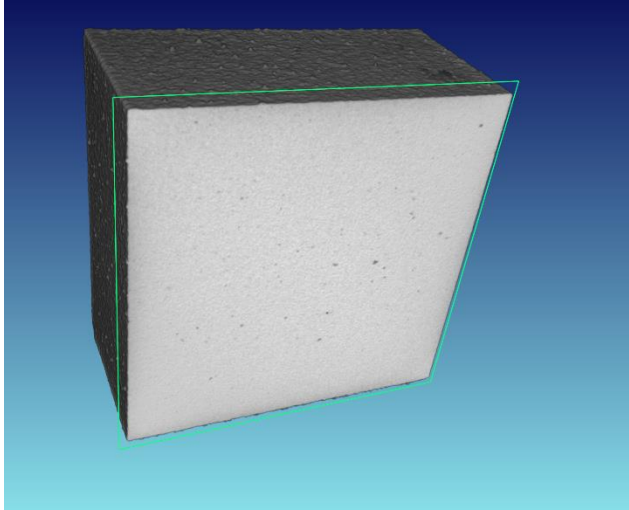


Scanning allowed viewing of the solder joints beneath the IC



## Part Validation

3D Printed Aluminum cube



Scan allowed viewing of defects and voids within the part to determine the viability of the new printing process.

