



Precision Laser Marking & Traceability

NVision Solutions provides high-precision laser marking and permanent part identification services for industrial, aerospace, and government applications. Our advanced laser system enables rapid, permanent marking of metals, plastics, and engineered materials while maintaining exceptional accuracy and repeatability.

Using high-speed 3-axis laser scanning technology, we can produce clear, durable markings across flat, curved, or irregular surfaces while maintaining consistent quality across complex parts.

This capability supports product traceability, regulatory compliance, and identification requirements across demanding manufacturing environments.

PERMANENT PART IDENTIFICATION

- > Serial numbers and UID marking
- > QR codes, DataMatrix, and industrial barcodes
- > Logos, graphics, and product labeling
- > Aerospace and defense traceability marking

COMPLEX SURFACE MARKING

- > Curved and sloped surfaces
- > Cylindrical components
- > Parts with varying heights
- > Multi-location marking in a single setup

Laser markings are permanent and resistant to abrasion, solvents, and environmental exposure.

PRECISION MARKING FOR COMPLEX COMPONENTS

- > Fine text and micro-marking
- > High-density 2D code marking
- > Precision marking on machined or electronic components

MATERIALS SUPPORTED

- > Aluminum and stainless steel
- > Coated and anodized metals
- > Engineering plastics
- > Electronic components
- > Tools and machined parts

Marking resolution down to 1–5 μm enables reliable identification on compact or precision parts.



High Contrast.
Less affected by ambient light.
White overprintings will automatically be applied to 2D codes.



NVISION IS AN EDWOSB AND CAN BE REACHED THROUGH GSA.
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www.NVisionSolutions.com