



• Automotive • Aerospace

Manufacturing excellence, one click away

Transforming the industrial supply chain with AI-powered precision and instant manufacturing solutions.

IATF 16949

ISO 9001

NADCAP

International audited network

CNC focus

What we do today

One platform, design to delivery.



01

Upload CAD / drawings



02

Instant AI quote & feasibility



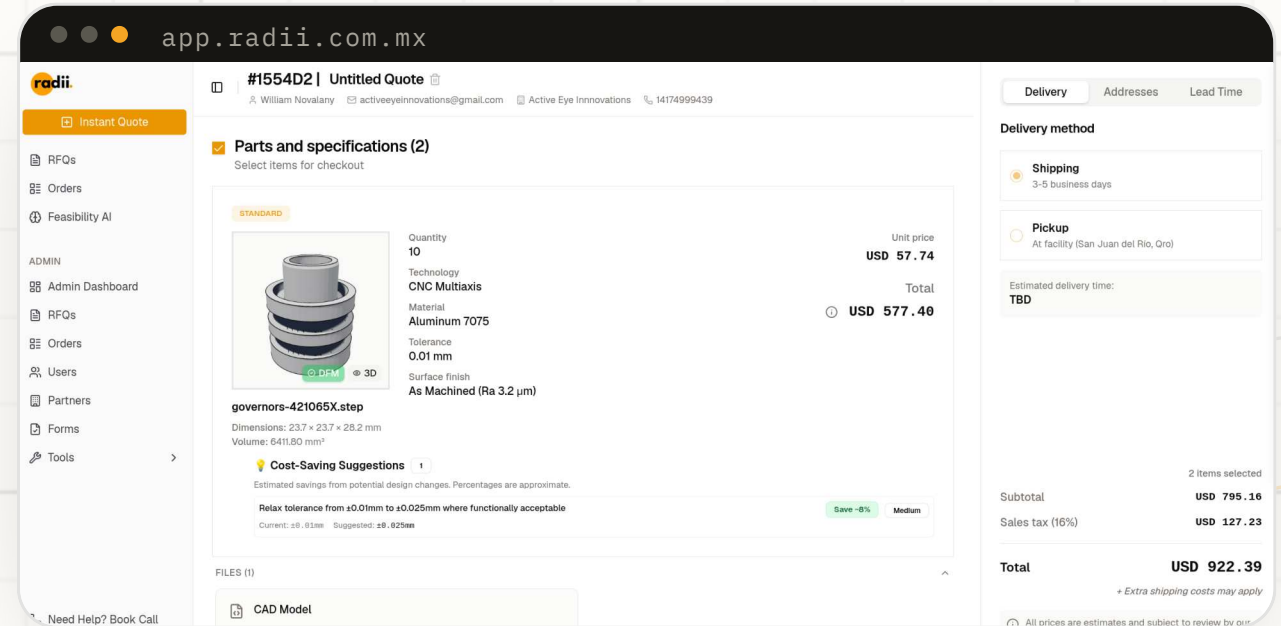
03

Certified manufacturing + inspection



04

Delivered with traceability



- Why it works - one audited network, one accountable partner, instant pricing. Ramp a supply base in weeks, not quarters.

AI & AGENTIC PLATFORM

AI agents that quote, predict & control

Intelligent quoting, cost prediction and process control - end to end.

01

InstantQuote

CAD in → priced, manufacturable quote out in minutes.

LIVE

02

FeasibilityAI

Flags manufacturing risks before production.

LIVE

03

SupplyAgent

Matches each order to the right manufacturer in the network.

LIVE

04

QualityWorker

Interprets inspection reports and generates digital certificates.

LIVE

Capabilities & certifications

PROCESSES

- CNC turning & milling - 3, 4 & 5-axis
- Sheet metal & fabrication
- Thermal treatments & coatings
- Injection molding
- 3D printing (SLS, SLA, FDM, DMLS)

MATERIALS

- Titanium Ti-6Al-4V
- Monel
- Tungsten carbide
- Inconel 625 & 718
- Tool steels: D2, A2, 4140
- Aluminums 2024, 6061 & 7075
- Stainless 303, 304, 316 & 17-4 PH
- PEEK, PEI, POM, PTFE

CERTIFICATIONS

AS9100

IATF 16949

ISO 9001

NADCAP

CMMC

PPAP 1v1 1-5

FAI AS9102

Tolerances from ± 0.05 mm standard to ± 0.005 mm with NIST-traceable CMM metrology - and Raw Material Traceability.

WHAT WE CAN SOURCE TODAY

What we can source today



Sourced part
or [browse files](#)

SOURCE TODAY

- Commercial & dual-use parts
- Indirect & MRO: tooling, fixtures, jigs, gauges, mandrels, machined spares
- Functional prototypes & low-to-medium-volume series
- Non-export-controlled components & structures

NEEDS A COMPLIANCE PATH

- USML / ITAR-controlled hardware & technical data
- EAR data that needs a license to Mexico
- Buy American or specialty-metals restrictions

NDAs and controlled-data handling on every engagement. We scope every part against export-control status before we quote - Radii's commercial posture, not legal advice.

THE AUDIT PROCESS

Every manufacturer earns their place.

Admission is a process, not a form.

01



Technical capability

Equipment list, axes, tolerances achievable, materials processed.

02



Quality system

AS9100 / ISO 9001 certification, internal QC process, CMM availability.

03



Track record

OTD history, first-pass yield, quality escapes, customer references.

04



Capacity & scalability

Available machine hours, ramp-up plan, backup capacity.

05



Compliance readiness

USMCA documentation, export-control posture, NDA execution.

06



Financial health

Balance-sheet review, credit standing, years in operation, customer concentration.

5 gates

Every shop clears all five before its first order.

Every order

Performance re-scored continuously, not only at entry.

WHAT'S YOUR CAPACITY?

Global network of audited manufacturers. One interface.

100+

Audited manufacturers available

10,000+

Machine hours / month across the network

VOLUME TIER	WHAT IT LOOKS LIKE	HOW RADII HANDLES IT
Prototype / R&D	1–25 pcs	Dedicated rapid-turn manufacturer
Low-volume series	25–500 pcs	Single manufacturer, dedicated capacity
Production ramp	500–5,000 pcs	Primary + backup manufacturer assigned
High-volume	5,000+ pcs	Multi-manufacturer allocation

Proven across regulated manufacturing

88,564

Part Numbers

5x

annual growth

CREDENTIALS



AEROSPACE



AUTOMOTIVE



SCHAEFFLER

INDUSTRIAL





LET'S TALK

Boost your manufacturing with radii

Let's transform your supply chain together.

Book a call

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HOW FAST IS "INSTANT" REALLY?

Minutes, not weeks.

TRADITIONAL RFQ PROCESS Email → wait → clarify → wait → receive → negotiate



5–15 business days

RADII INSTANTQUOTE Upload CAD → AI analysis → binding price



< 8 minutes

Binding

A committed price, not a rough estimate.

24/7

Quote any time — no business-hours wait.

Feasibility

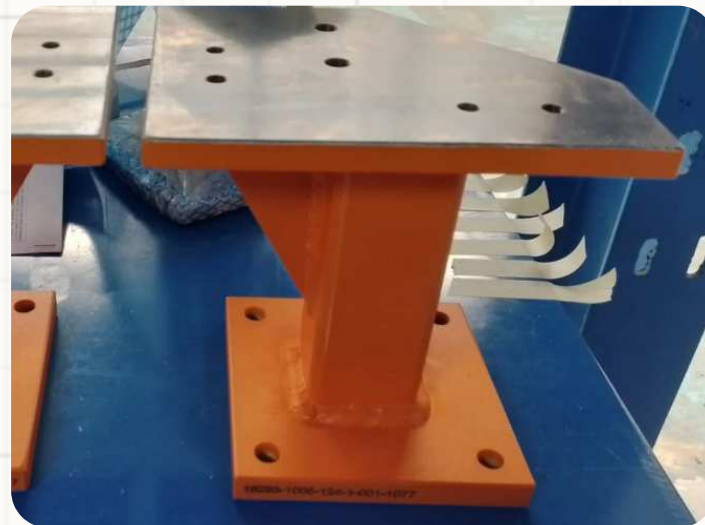
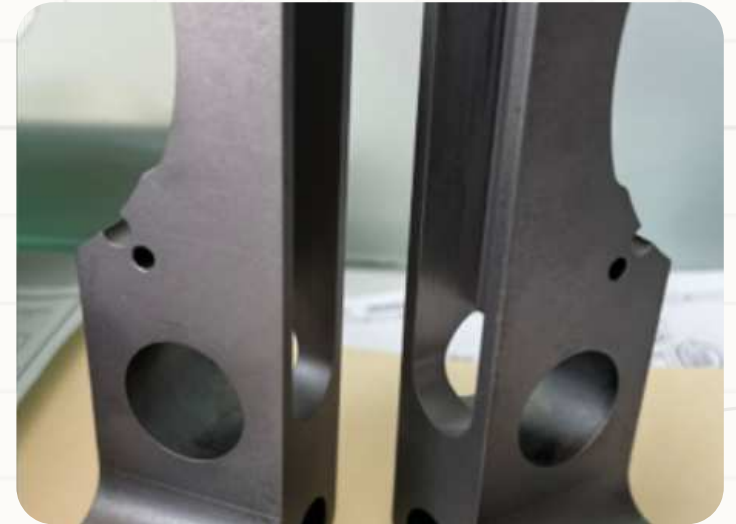
Manufacturing risks flagged before you order.

- Trained on 100,000+ real orders — not parametric heuristics.

IN-HOUSE CAPABILITY

Tooling & fixtures we build

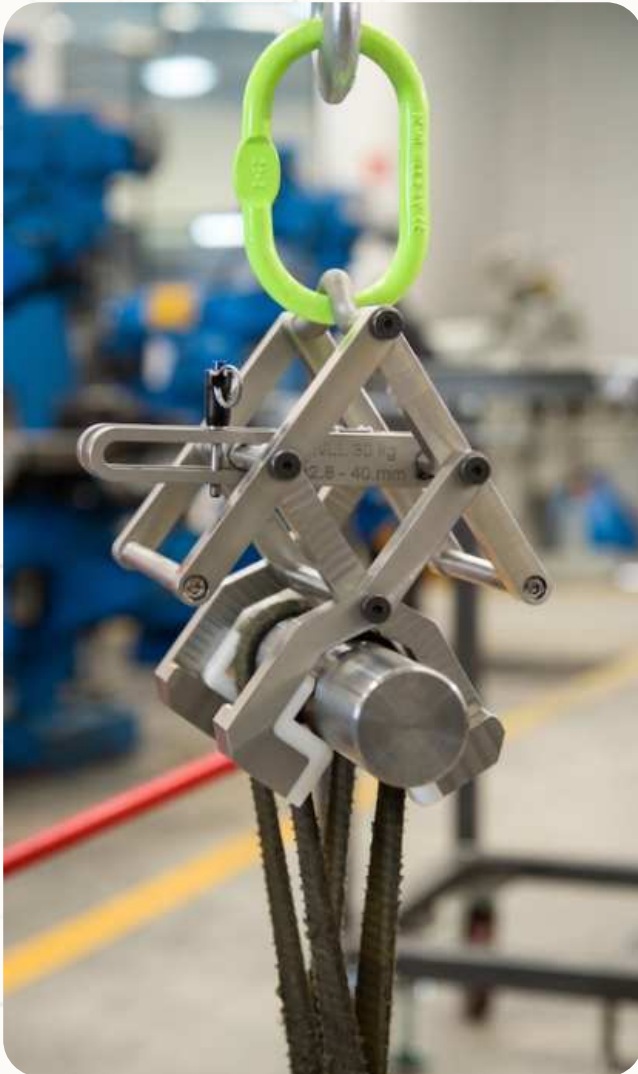
machined · welded · verified



02

Tooling & fixtures we build

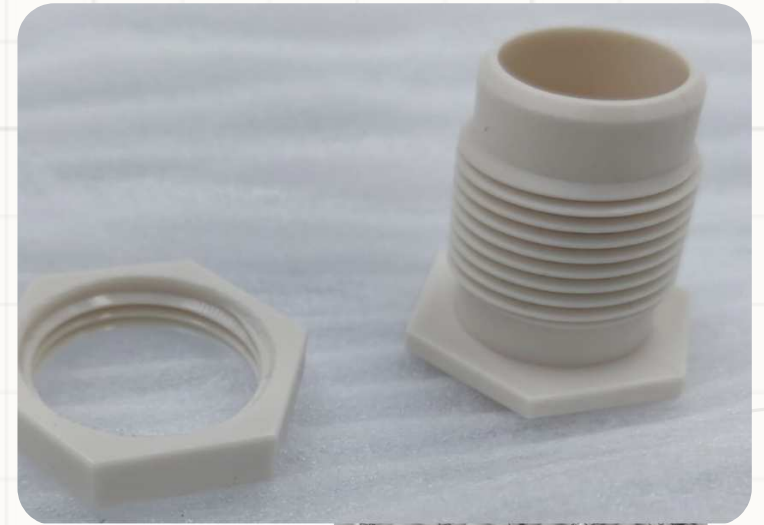
lifting · gauging · clamping



AFTERMARKET & PRODUCTION PARTS

Aftermarket parts we deliver

packed · labelled · shipped



MRO & SPARE PARTS

MRO & spare parts we machine

replacement · wear · obsolete



MRO & spare parts we machine

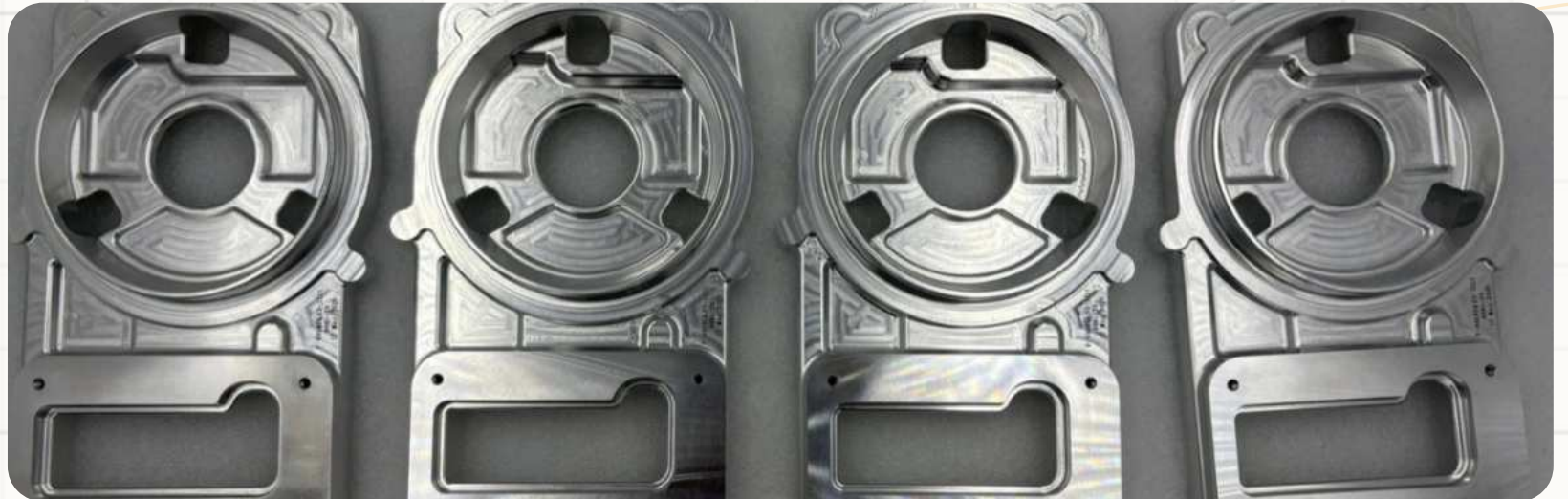
reverse-engineered · reproduced



R&D & PROTOTYPING

R&D & prototype parts

billet · low-volume · iterated



R&D & prototype parts

5-axis · first-article · race-ready

