The Cloud Manufacturing Platform™

WITH FAST RADIUS

The biggest revolution in manufacturing since the assembly line

Our first-of-its-kind Cloud Manufacturing Platform integrates design, production, and fulfillment to make manufacturing easy.

Our Cloud Manufacturing Platform provides the solutions manufacturers need today

Integration

Make parts with one unified system that handles everything from design to fulfillment

Access

Tap into cutting edge technology you can use to produce your parts without any capital expenditure

Transparency

Gain visibility into every step of the process so you can trust your part is made to spec

⤓ Download white paper

FAST RADIUS

Cloud Manufacturing Platform

The Fast Radius Cloud Manufacturing Platform is built on four components that collect, organize, and analyze data from every step of the product life cycle.

Make

Design

organize, and analyze data from every step of the product life cycle.

Applications and Services: Our platform provides specific solutions for external users and internal operations.

Operating System: Our software links all the components of the production process and presents a transparent view across the life of a part.

Digital Thread and Learning Engine: Our learning engine analyzes the data we collect about every part we make, allowing us to continuously improve operations and make better parts.

Physical and Digital Infrastructure: Our production centers around the world make parts and collect data throughout the manufacturing process.

Cloud Computing vs. Cloud Manufacturing

Cloud computing and Cloud Manufacturing share more than a name. Just as cloud computing transformed the way we access and analyze information, Cloud Manufacturing is revolutionizing the way we produce and fulfill physical goods.
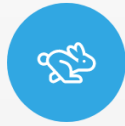
Cloud Computing	Cloud Manufacturing
Applications and services User-facing applications accessed via internet that run on data center resources	**Applications and services** Customer-facing interfaces for order management, design, production monitoring, fulfillment, and warehousing
Network infrastructure Software and communication protocols that manage data center resources and transport traffic	**Operating system** Software that manages and consolidates data between all systems
Data-driven learning and AI Data collected and analyzed at every step in the computing workflow to improve operations and outcomes	**Digital thread and learning engine** Data collected and analyzed at every step of the production process to improve operations and outcomes
Data centers Physical locations that house shared computational, network, and storage systems	**Digital and physical infrastructure** Hybrid factory/fulfillment sites that produce physical parts and collect data

Benefits of Cloud Manufacturing

COST SAVINGS

FASTER TIME TO MARKET

FLEXIBLE SUPPLY CHAINS

VISIBILITY AND TRACEABILITY

SUSTAINABLE MANUFACTURING AND LOGISTICS

⤓ Download white paper

Cloud Manufacturing Applications and Services

Cloud Manufacturing isn't just about the future — it's here now and ready for you to use. Fast Radius is building an ecosystem of Cloud Manufacturing applications and services. Here are three that you can access today:

FAST RADIUS

Additive Launch

Introduce new products and improve existing parts with additive manufacturing and on-demand logistics

See how we use additive manufacturing for serial part production for Ford and Aptiv

· APTIV ·

SATAIR

FAST RADIUS

Virtual Warehouse™

Store design and production specifications digitally and produce parts only as needed for true just-in-time fulfillment

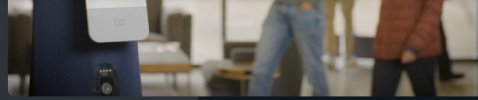See how we manufacture and fulfill parts in only 48 hours for Satair

FAST RADIUS

On Demand

Upload designs, evaluate manufacturing options, and order parts from our secure interface

See how we worked with Cobalt Robotics to optimize cost and production times for cast urethane and additive manufacturing

COBALT

See how we worked with Cobalt Robotics to optimize cost and production times for cast urethane and additive manufacturing

Coming soon to the Fast Radius Cloud Manufacturing Platform

1. Expanded and additional production centers

2. Design and manufacturing tools

3. 3rd party application ecosystem

4. Virtual factory experience

Get started with Cloud Manufacturing

Ready to transform the way you make products?
Talk to us today about how your business can benefit from Cloud Manufacturing.

Contact us