TOKENFIELD

Press Kit

February 2026

Company Overview

About TokenField

TokenField is building AI-native geometry infrastructure. We're creating the geometry language that LLMs actually understand—a functional representation designed specifically for AI-generated CAD.

THE PROBLEM

Existing CAD tools were designed for human engineers using GUI-based workflows. When LLMs try to generate geometry in these legacy formats, 30-60% of outputs produce invalid, unbuildable models. The representation itself—boundary representation (B-Rep)—is structurally fragile for AI generation.

OUR SOLUTION

TokenField uses functional representation (F-Rep), where geometry is defined as mathematical functions rather than explicit boundaries. This eliminates structural failure modes: you cannot produce invalid geometry in F-Rep. The result is reliable AI-to-geometry translation that just works.

"The geometry language LLMs actually understand."

Company Information

Company Name	TokenField, Inc.
Founded	February 2026
Headquarters	Delaware, USA
Founder	Giacomo Cariello
Website	tokenfield.ai
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Boilerplate Copy

Use these descriptions when writing about TokenField.

One-Liner

TokenField is AI-native geometry infrastructure.

Short Description (50 words)

TokenField is building the geometry language that LLMs actually understand. Using functional representation instead of traditional CAD formats, TokenField enables reliable AI-to-geometry translation for 3D design, manufacturing, and product customization. It's the infrastructure layer that makes AI-generated CAD actually work.

Long Description (150 words)

When LLMs try to generate 3D geometry using traditional CAD formats, 30-60% of outputs are invalid—non-manifold, self-intersecting, or simply unbuildable. The problem isn't AI capability; it's the representation.

TokenField solves this with functional representation (F-Rep), where geometry is defined as mathematical functions over space rather than explicit boundaries. This makes invalid geometry impossible by construction. Boolean operations that routinely fail in B-Rep become single-line expressions that always work.

The TokenField stack includes a shared-source geometry language designed for LLM generation, a high-performance compiler and WebGPU renderer, and a SaaS platform with API and MCP integration for AI agent workflows. TokenField enables a new generation of AI-powered design tools—from parametric CAD to product configurators—built on infrastructure that's designed for AI from the ground up.

Logo & Brand Assets

Logo Versions

The TokenField logo is available in the following variants:

Color (dark bg)	Primary version for dark backgrounds
White (dark bg)	Alternative for dark backgrounds
Black (light bg)	For use on light backgrounds

Brand Colors

Plasma Green	#00FF85	Gradient start
Plasma Cyan	#00F0FF	Gradient mid, accent
Plasma Magenta	#FF1F6A	Gradient end
Obsidian	#020309	Primary background

Typography

- **Wordmark:** Outfit, 500 weight, 0.08em letter-spacing, uppercase
- **Body:** System fonts (Inter, SF Pro, etc.)

Usage Guidelines

- Use color or white versions on dark backgrounds (preferred)
- Use black version on light backgrounds
- Maintain clear space equal to the mark height
- Do not stretch, distort, or alter colors
- Keep wordmark uppercase

Full brand guide: brand.tokenfield.ai

Contact

Media Inquiries

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