# THE POLYOPTICON

A Bloomberg for Scientists

**What if your workspace was a sphere?**

The Polyopticon reimagines how we interact with complex information by organizing it spatially across 32 tangible faces. Instead of hunting through nested menus and overlapping windows, you access everything through direct physical interaction with a device you can hold, rotate, and manipulate.

| The Problem | The Solution |
|---|---|
| Today's knowledge workers—scientists, analysts, traders, researchers—are drowning in 2D interfaces:<br>• 50+ browser tabs competing for attention<br>• Endless scrolling through linear feeds<br>• Context switching that destroys focus<br>• Cognitive overload from flat navigation | The Polyopticon is a **32-face truncated icosahedron** that transforms information access:<br>• **Spatial Memory** → Info stays where you put it<br>• **Parallel Access** → See multiple contexts<br>• **Tactile Control** → Rotate, tap, gesture<br>• **Zero Hierarchy** → Direct access anywhere |

## Key Applications

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|---|---|
| **Scientific Research**<br>Real-time instrument data, literature databases, simulation controls—all spatially organized and instantly accessible. | **Financial Analysis**<br>Market data, news feeds, analytical tools—each on its own face, accessed by rotation. |
| **Defense & Intelligence**<br>Satellite tracking, threat assessment, communications—organized by operational context, not arbitrary windows. | **Data Science**<br>Code, visualizations, documentation, pipelines—spatially arranged by workflow stage. |

## Why It Works: Enactive Heuristics

The Polyopticon leverages **embodied cognition**—cognitive shortcuts that emerge from physical interaction. Your hands remember where things are. Related information clusters on adjacent faces. Peripheral vision tracks multiple contexts. You don't *think* about navigation—you just *know* where things are.

## The Vision

The Polyopticon doesn't just improve productivity—it fundamentally changes how humans interact with complex information. By honoring our spatial cognition, we expand human agency rather than constraining it. **This is computing designed for human bodies, not human bodies adapted to computing.**

| **We're Seeking:** | **Design Anticipation LLC** |
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| • Early adopters for pilot deployments<br>• Strategic partners in target verticals<br>• Investment for prototype development | Haddonfield, NJ 08033 USA<br>**Contact:** info@polyopticon.com<br>**Web:** polyopticon.com<br>**Patent: US-12197471-B2** (others pending) |

*32 Degrees of Cognitive Freedom*

*We are team gravity*