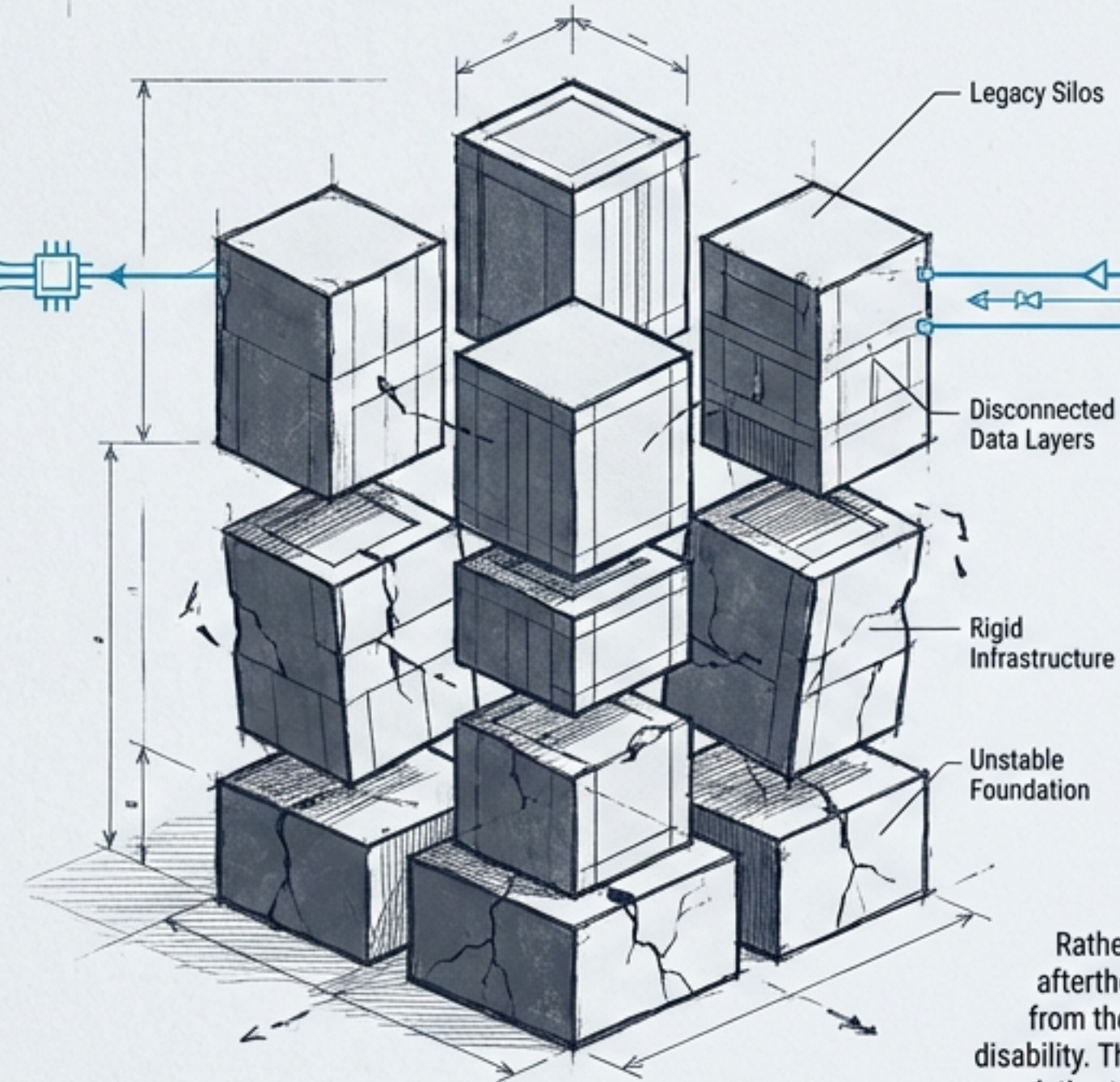


Dignity by Design: The Physical Adaptive AI Ecosystem

Turning Pain into Purpose, Protection into Empowerment through Spark AI NLP.

Lived Experience as the Engine of Architecture

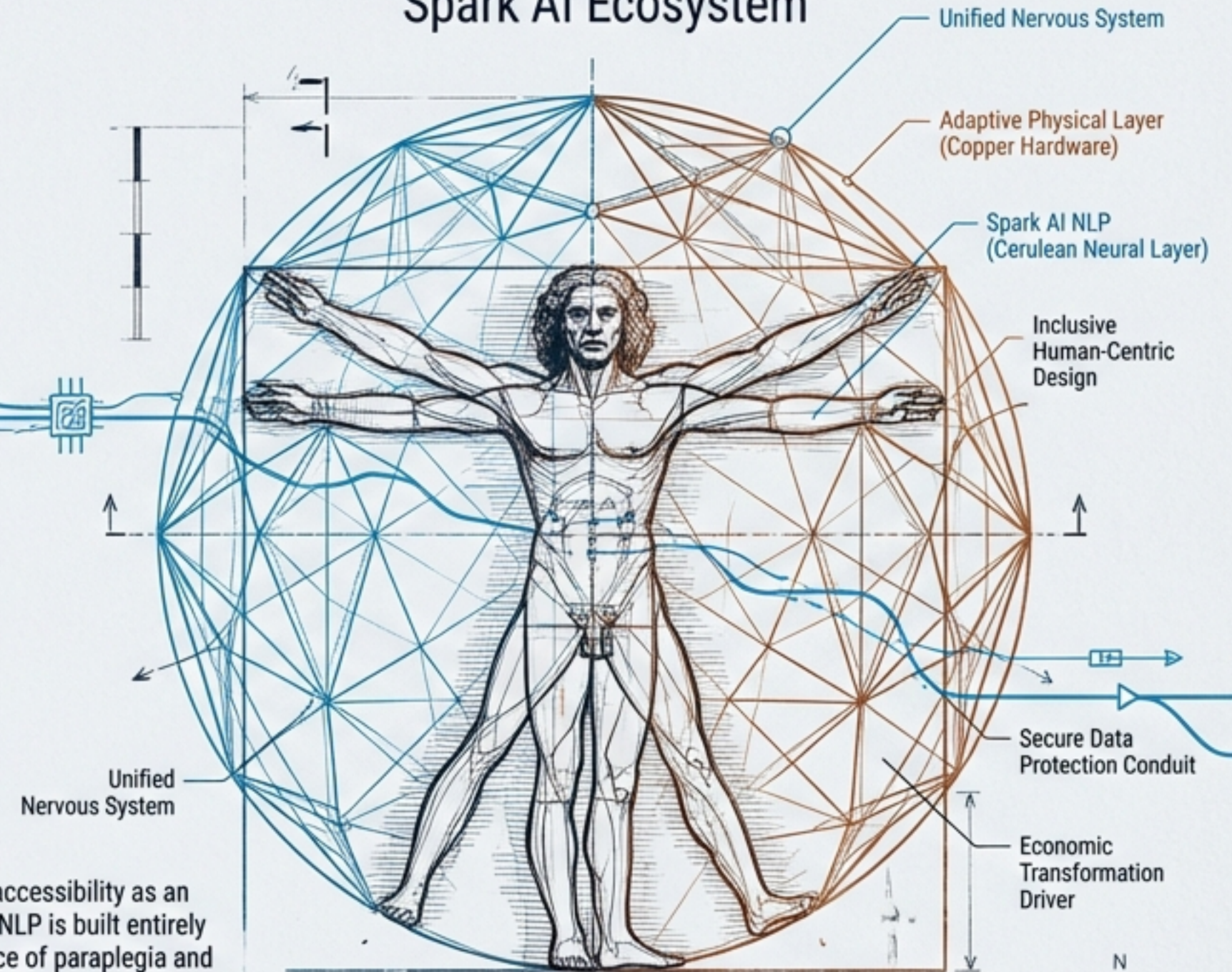
Traditional Stack



FRAGMENTED & UNSTABLE

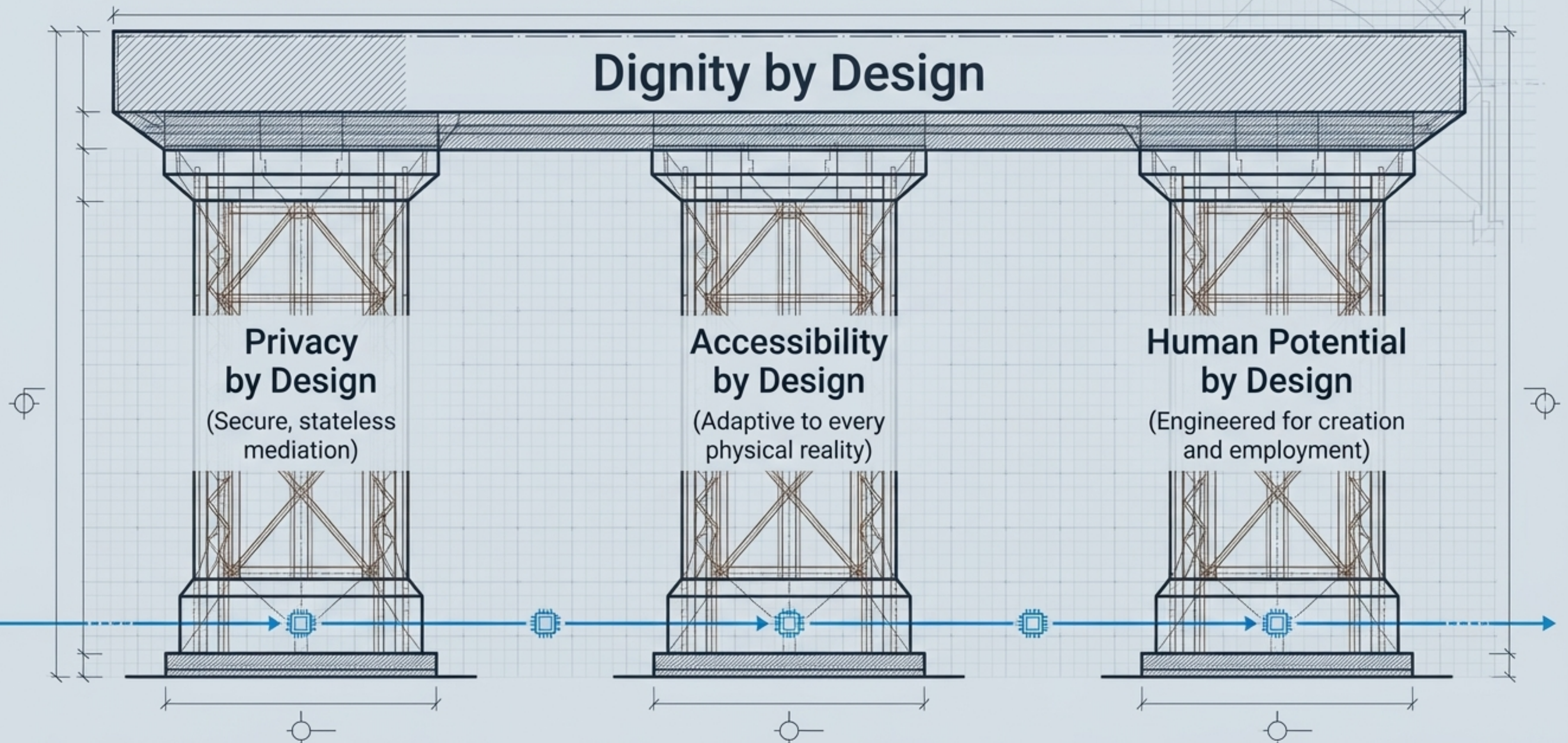
Rather than treating accessibility as an afterthought, Spark AI NLP is built entirely from the lived experience of paraplegia and disability. This unique foundation doesn't just create assistive tools—it generates an adaptive physical layer that guarantees unbreakable data protection while driving inclusive economic transformation.

Spark AI Ecosystem

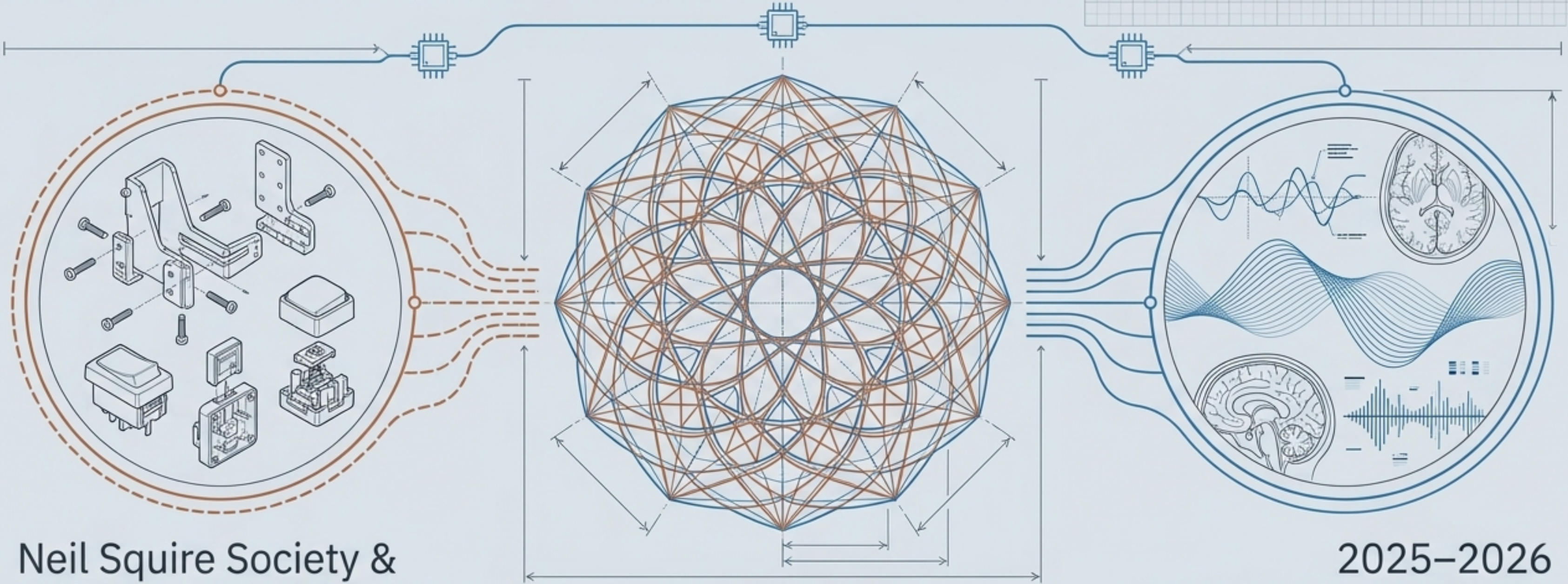


INTEGRATED & ADAPTIVE

The Architecture of Empowerment



A Unified Ecosystem: From Low-Tech to Neural-Tech



Neil Squire Society & Makers Making Change

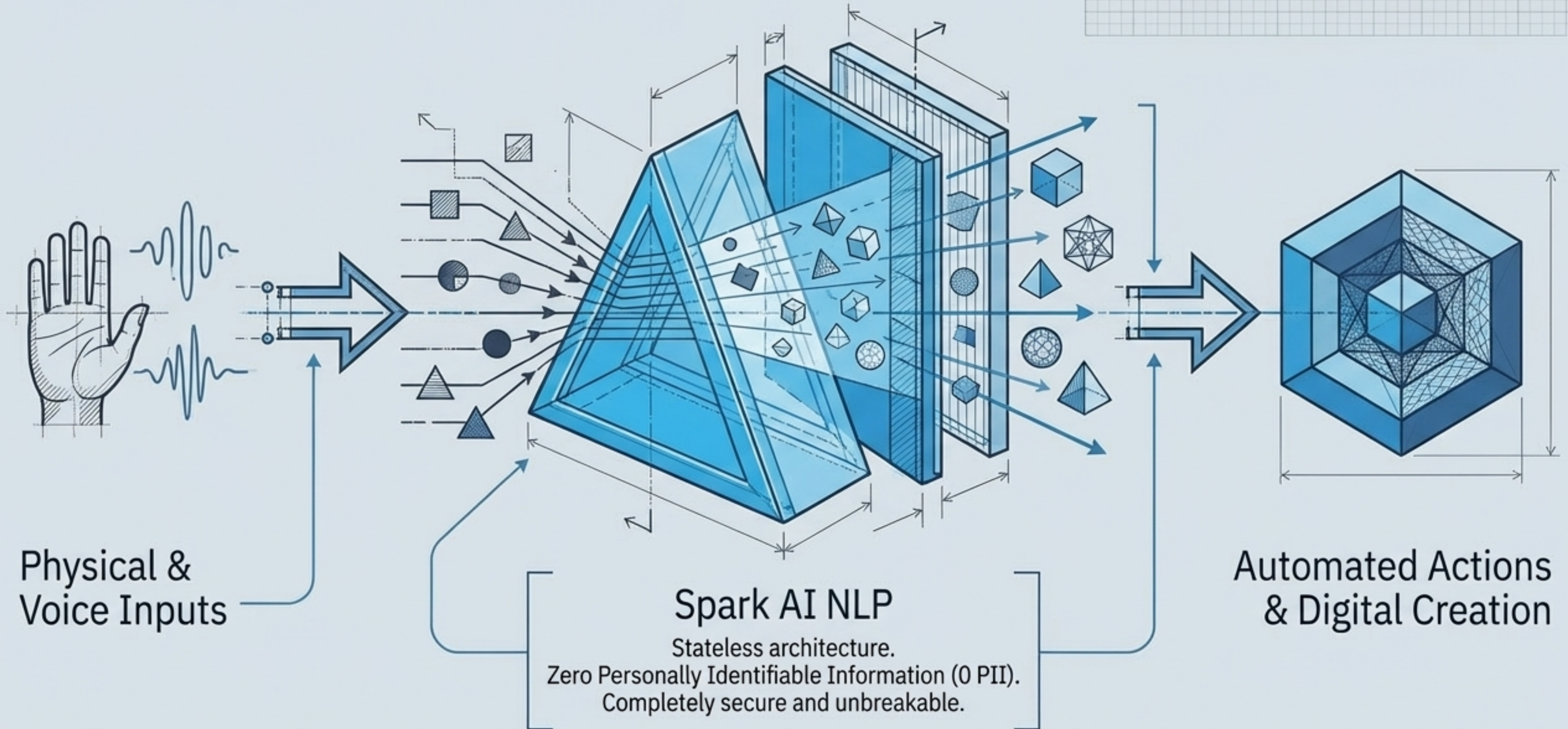
Delivering thousands of 3D-printed devices annually
(wheelchair mounts, switches, open-source living aids).
The ultimate low-cost hardware foundation.

Spark AI Core

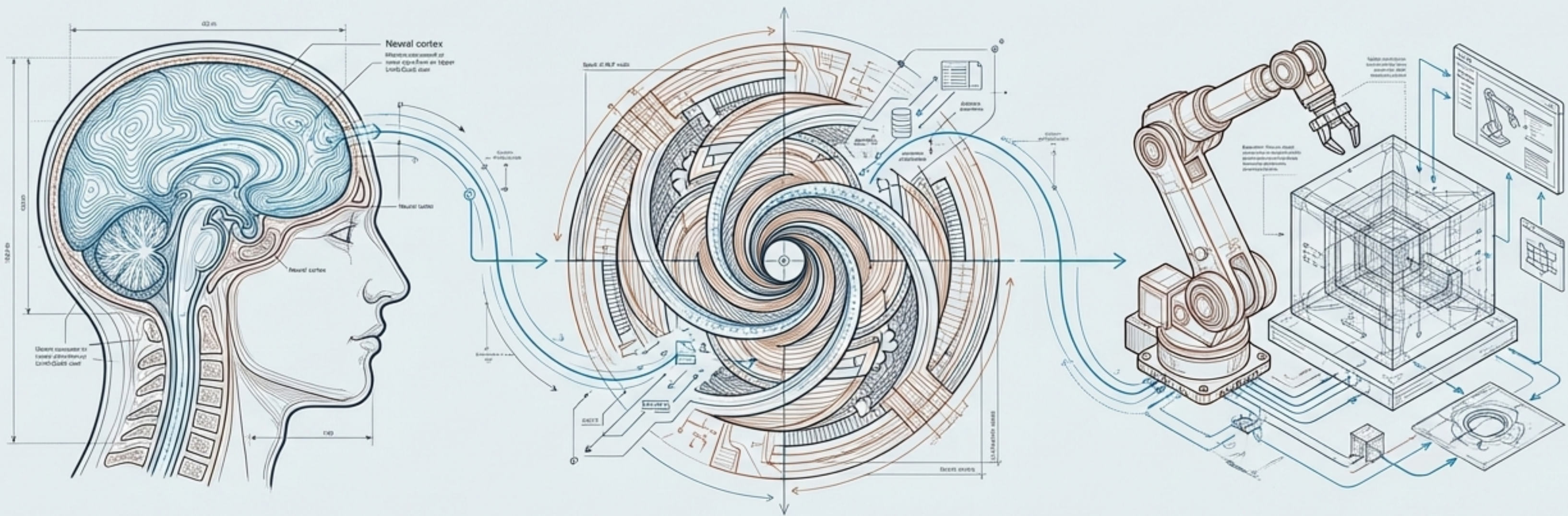
2025–2026 Advanced Innovations

German Bionic Exia (AI Exoskeletons for adaptive
real-time support), Brain-Computer Interfaces (BCI) for
thought-controlled mobility, and custom 3D-printed orthotics.

The Sovereign Mediation Layer



Bridging the Gap Between Intent and Execution

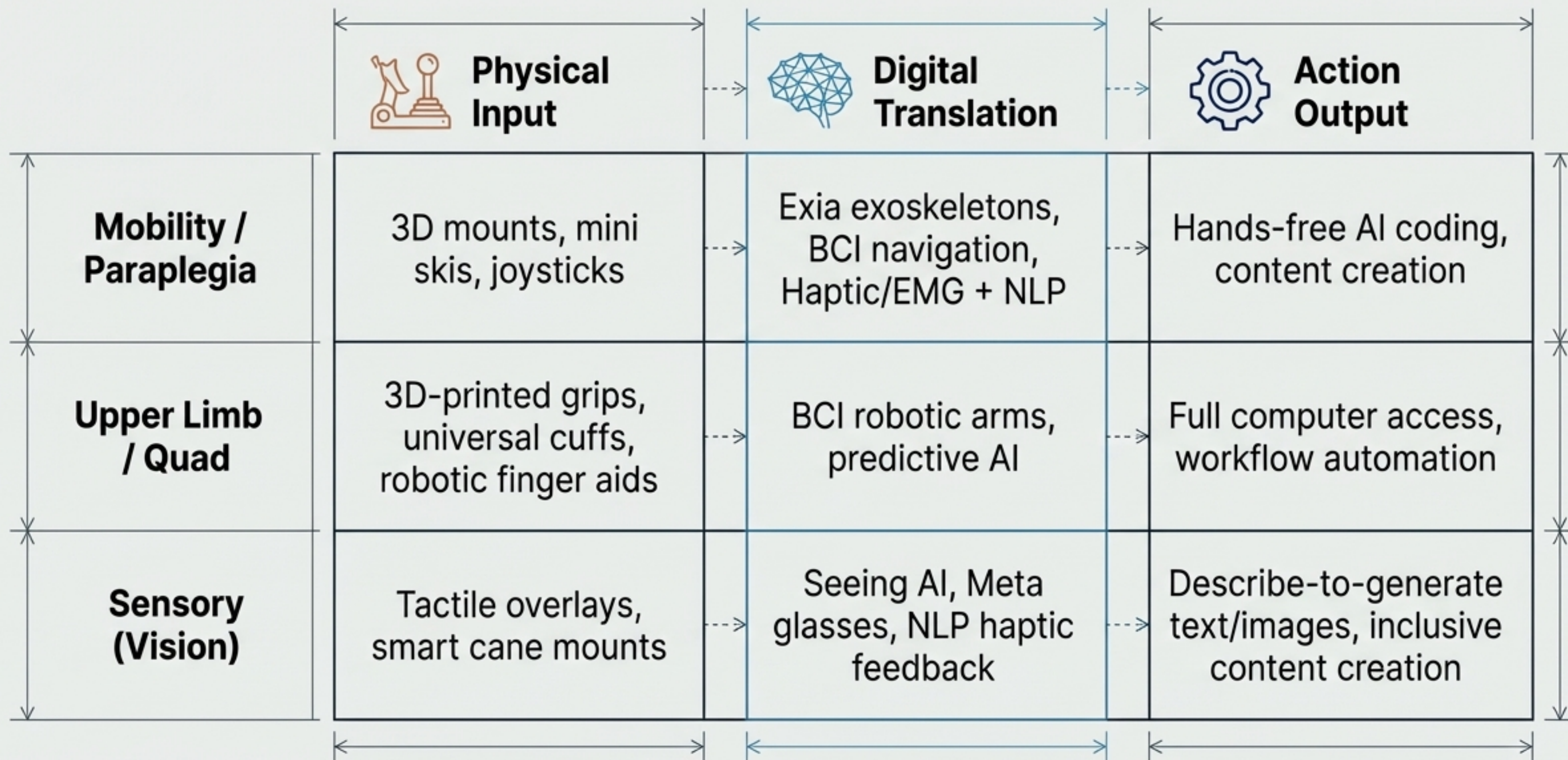


Intent: Minimal movement or voice input from an Upper Limb/Quad user.

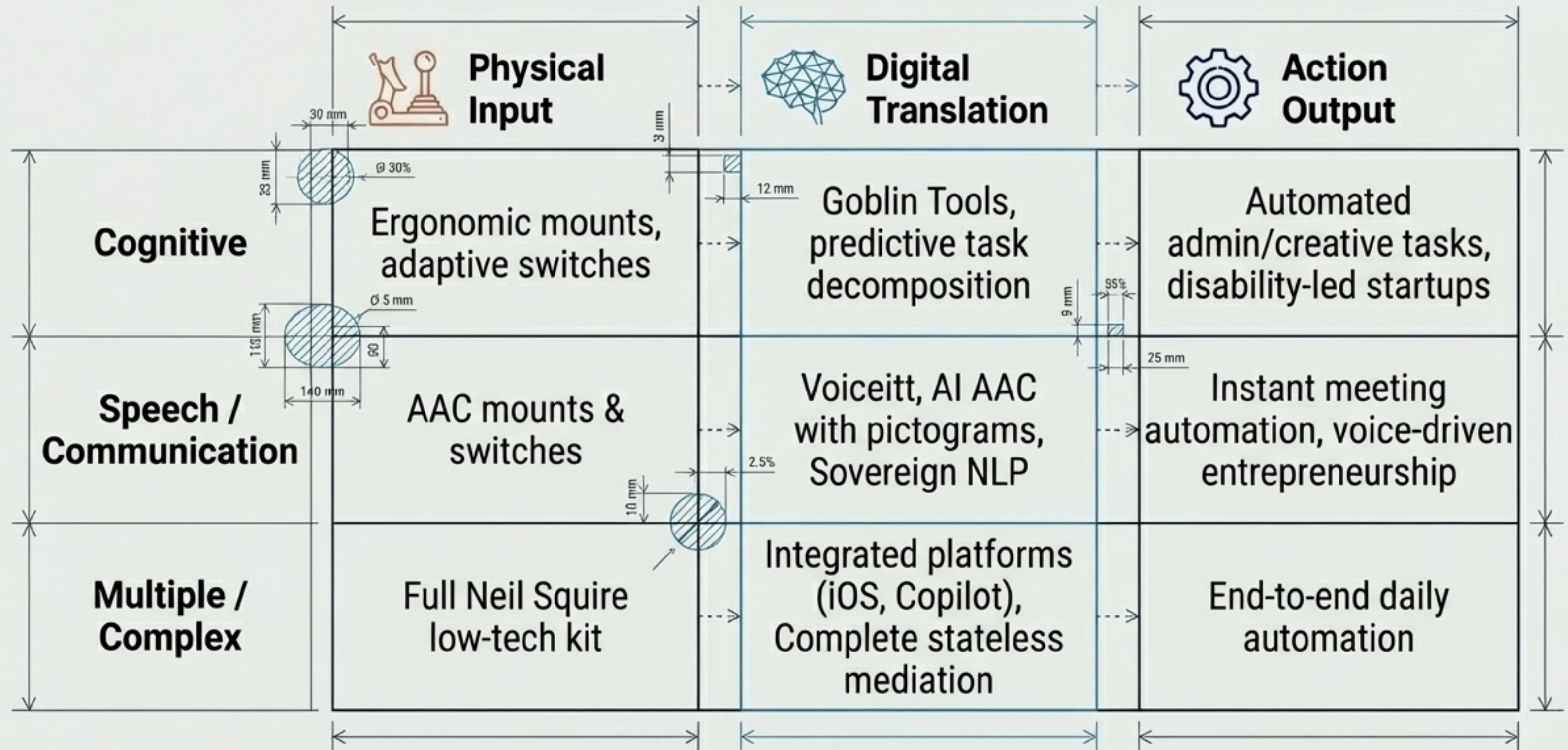
Mediation: Spark NLP decodes the intent, utilizing predictive AI control to map out the required multi-step digital processes.

Execution: Precise digital actions are executed—from controlling robotic arms to generating complex 3D blueprints and automating workflows.

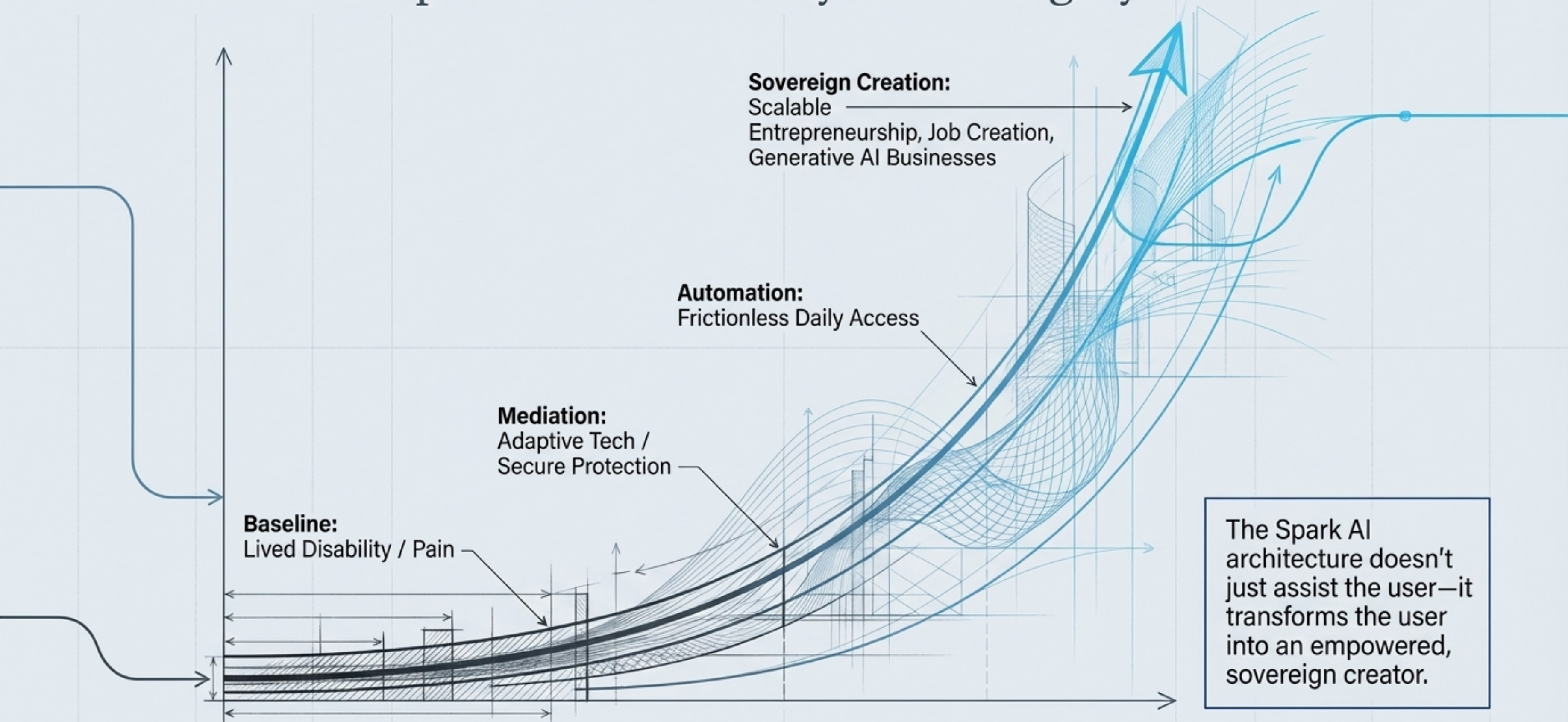
Adaptive Diagnostic Matrix: Physical & Sensory Translation

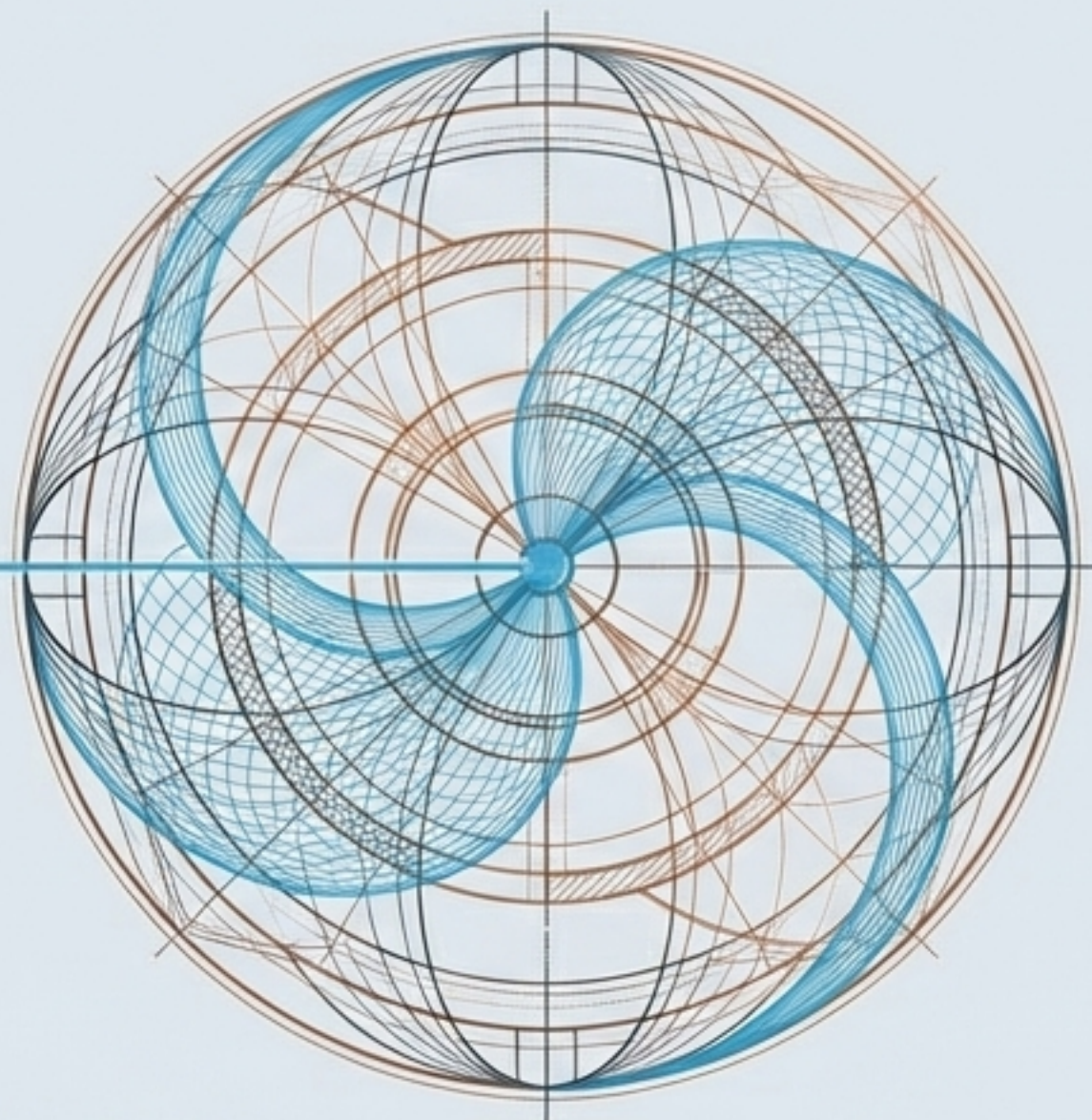


Adaptive Diagnostic Matrix: Cognitive & Communication Translation



The Economic Flip: From Accessibility to Sovereignty





Turning Pain into Purpose.

Spark AI NLP physically integrates human lived experience with advanced AI. The result is more than accessibility—it is the ultimate engine for unbreakable security, inclusive economic transformation, and human dignity.

sparkainlp.xyz