Living
Intelligence:

The Next Technological
Supercycle.

huenei 30 años
IT services

Table of Contents.

HUENEI. IT SERVICES

What is Living Intelligence?

Living Intelligence represents a groundbreaking convergence of three powerful technologies: Artificial Intelligence, Advanced Sensors and Bioengineering.
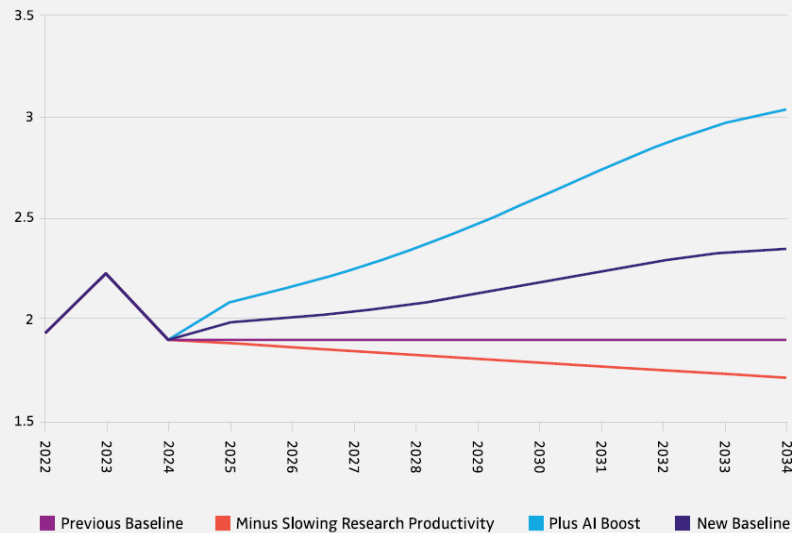
This fundamental transformation will reshape entire industries, economies, and how we interact with technology.

Living Intelligence

- **Artificial Intelligence**
- **Advance Sensors**
- **Bioengineering**
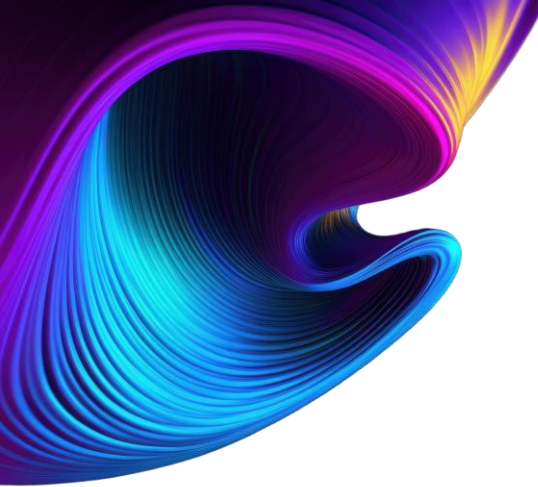
The Start of a Technological Revolution.

Incremental GDP Growth Scenarios Resulting from AI in the U.S.

Legend:
- Previous Baseline
- Minus Slowing Research Productivity
- Plus AI Boost
- New Baseline

Source: Goldman Sachs Research

The incremental increase in GDP in the U.S. by 2030 could be significant, due to factors like the augmentation of human intelligence, increased innovation, and the substitution of machines for labor.

Unlike previous cycles of technological advancement, which were more linear, research shows that this supercycle is exponential.

It will:

- Create compounding effects across multiple sectors.
- Enable real-time, adaptive intelligence.
- Transform economic models and workforce structures.

Medical Applications.

AI is evolving to provide more context-aware medical insights. The increasing integration of AI will make healthcare more precise, personalized and predictive.

Here's how AI is transforming medical technologies:

Intelligent medical devices:
AI is being integrated into medical devices to speed up diagnostic processes and provide real-time analysis support.

Machine Learning and Deep Learning in Healthcare:
Machine Learning learns from data to make predictions and adapts to complex medical patterns.

On the other hand, Deep Learning Applications include:

- ✔ Advanced image recognition.
- ✔ Natural language processing for medical records.
- ✔ Pattern detection in complex medical datasets.

AI-Enhanced Medical Decision Making:
AI capabilities include:

- ✔ Predictive analytics.
- ✔ Risk assessment.
- ✔ Personalized treatment recommendations.
- ✔ Efficiency in medical research and diagnosis.

We are beyond
Legacy Systems.

Healthcare systems relying on outdated technology face mounting challenges:

- ✓ Manual processes increasingly unable to handle growing data volumes.
- ✓ Missed opportunities for early intervention and preventive care.
- ✓ Inability to leverage real-time insights that could save lives.

The field of pharmacovigilance demonstrates the urgent need for AI integration:

- ✓ AI-powered systems can proactively identify potential drug interactions and side effects.
- ✓ Continuous monitoring enables faster responses to emerging safety signals.

Sensor and AI Market Growth.
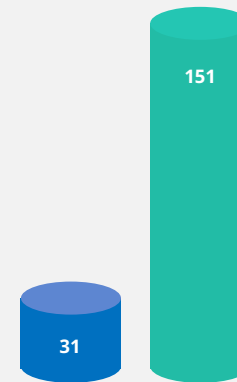
Growth of Connected Devices Over Time

Number of Connected Devices (billion)

16.6 — 2023
37.5 — 2030

Year
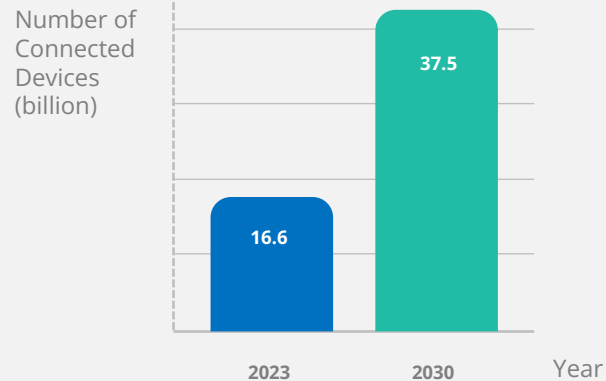
Growth of Edge AI Processor Market

2022
Initial market size in billions.

2029
Projected market size in billions.

31
151

Investment Signals:

- Evolutionary Scale raised $142 million from AWS and NVIDIA.

- Sword Health secured $340 million for AI and connected sensor technology.

- Edge computing spending expected to reach $232 billion by 2024.

The Future of Living Intelligence.

Emerging Capabilities.

- ✓ Personal Large Action Models (PLAMs).

- ✓ Continuous learning and adaptation.

- ✓ Personalized, context-aware interactions.

- ✓ Seamless integration across digital and physical environments.

"

Living Intelligence is not just a technological advancement, it's a fundamental reimagining of how technology can understand, predict, and enhance human experiences.

Don't let this technological supercycle pass you by.

While nanobots and advanced medical sensors may seem like distant future innovations, the foundation for these breakthroughs is being laid right now.

The Imperative of AI Integration in Healthcare.

Why act now? The healthcare industry stands at a critical inflection point.

Organizations that delay AI implementation risk:

- ✓ Falling behind competitively as early adopters establish market advantages.
- ✓ Missing crucial opportunities to improve patient outcomes.
- ✓ Continuing to operate with inefficient systems that drain resources.

The Bridge to Tomorrow's Medicine.

Current AI systems establish the data infrastructure necessary for tomorrow's precision medicine. Each incremental improvement in AI capability delivers immediate value while preparing for future innovations.

Mayo Clinic reported a

30 %

reduction in hospital readmissions for certain conditions after implementing AI-based predictive models.

The Path Forward.

Huenei IT Services provides healthcare software solutions tailored to your unique needs:

Security and Compliance:
Make sure that your application processes and services comply with the highest security standards.

Appointment management and customer service:
Manage the end-to-end service process, understanding the requirements to stay one step ahead.

Big Data:
Process large amounts of information from various sources to make smarter business decisions, thanks to our healthcare software development.
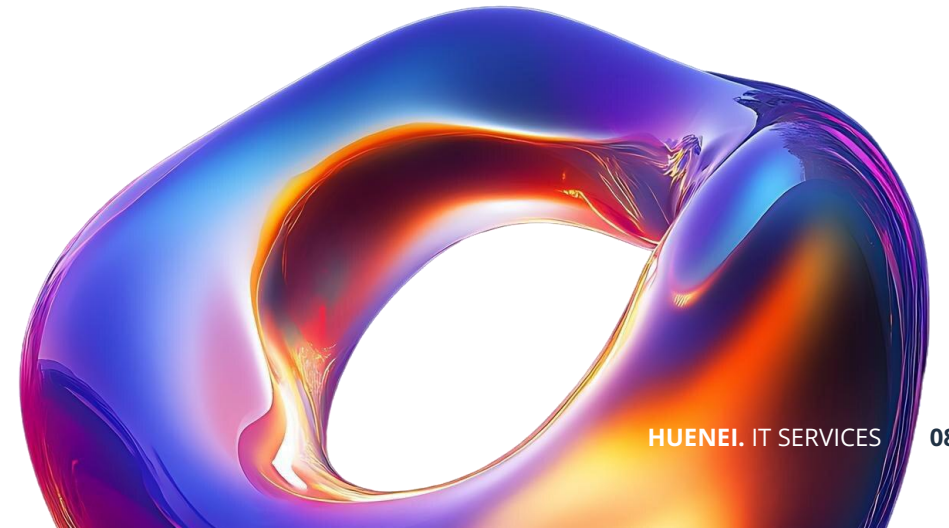
Online consultations:
Through the creation of digital platforms, enable your patients to receive medical consultations and treatments.

Pharmacovigilance:
Monitor your patients' health in real-time and ensure the safe prescription of your products.

The future of medicine is already here for those ready to embrace it.

Contact Us for a Free AI Consultation