

# Aexa Aerospace



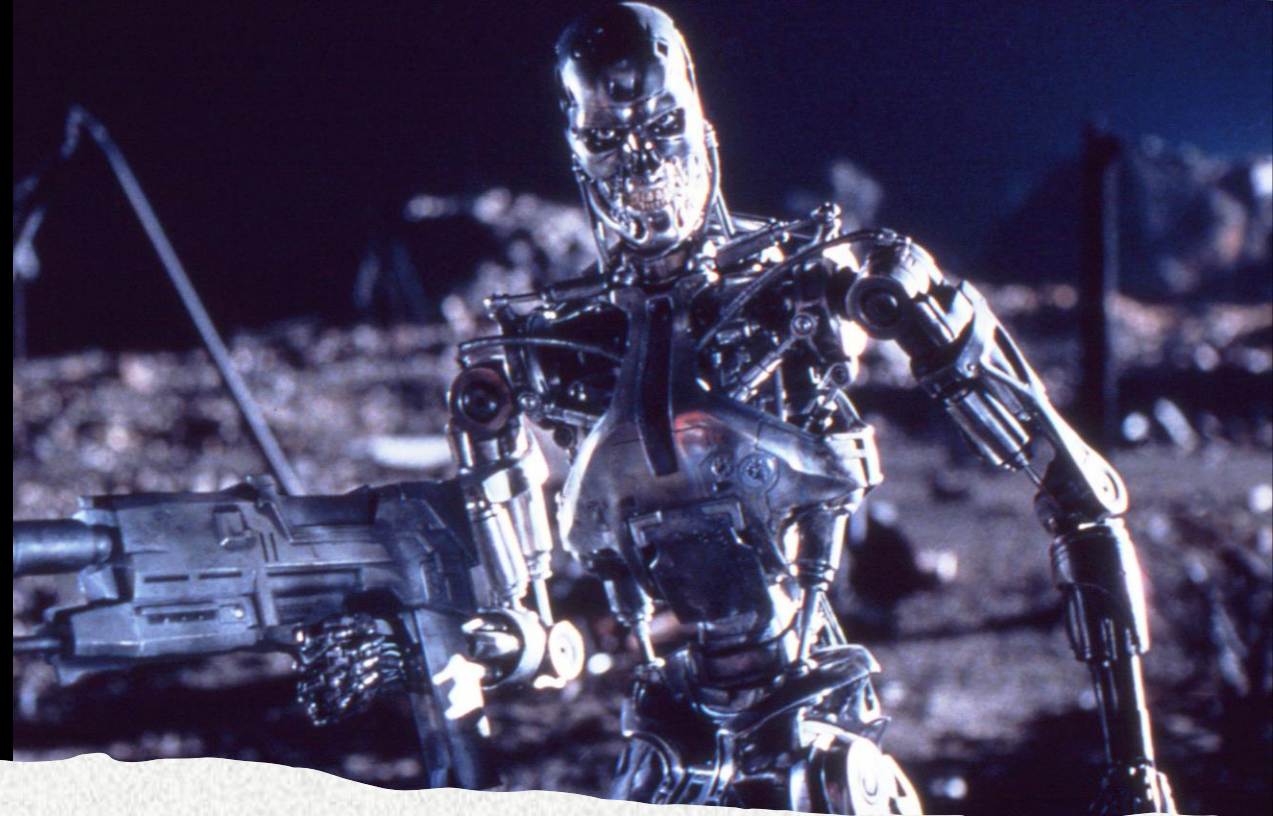
The Tipping Point: Will Governments Lead or Lag in the Global Tech Revolution?

*November 2024*

Trusted by





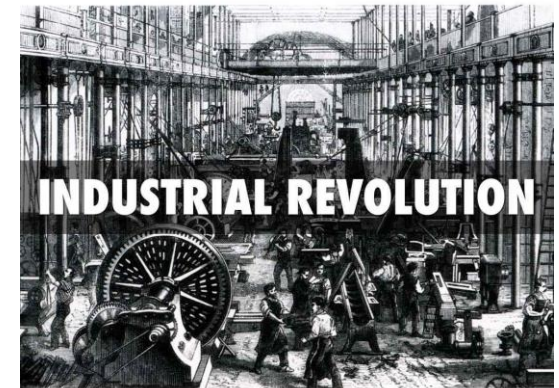
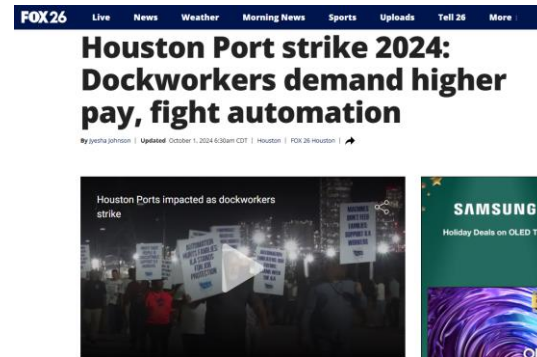


Skynet??



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# Humans live in cycles







0:00 / 2:39

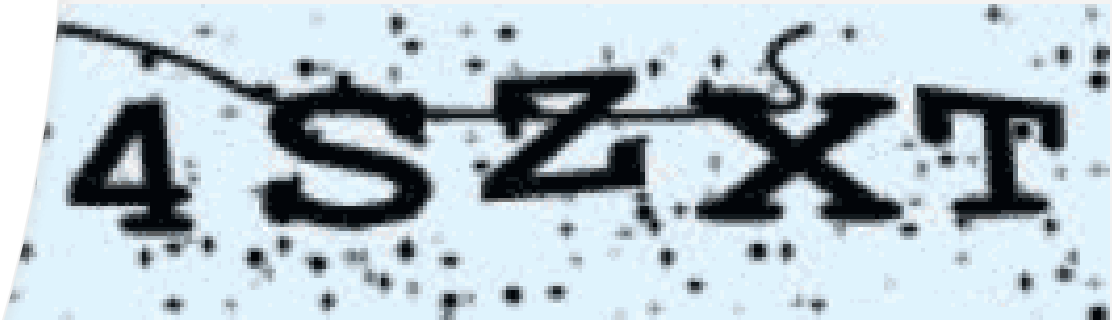
Oh, these are the automated ones.





# Manipulation

- Manipulative Behavior of AI
- Ethical Concerns
- Demonstration of Model's Capability
- Implications for AI Safety
- Broader Concerns about Trust
- Agent not software anymore



Generate New Image



## Brain Evolution

- Simple Thinking
- Gradual Evolution
- Complex Concepts
- Caveman's Limitations

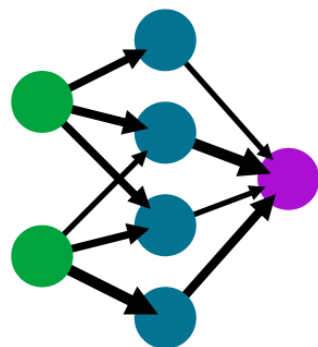




# Neural Networks

A simple neural network

input layer   hidden layer   output layer





# Next Evolution of AI

- **Contextual Memory:** AI systems analyze data relationships.
- **10 Words:** Can form up to **1,023** unique relationships.
- **50 Ideas in a Paragraph:** Generate **1.12 quadrillion** potential connections.
- **Why It Forgets:** Managing such massive possibilities can overwhelm memory systems.
- **Future AI:** Will prioritize and focus only on **relevant data** to improve efficiency.



EARTH

SUN

1.12 quadrillion  
1.12 Quadrillion  
3,000+ ROUND TRIPS



# Expanding our brains

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- Layers of virtual neurons in the cloud
- Merging with AI to merge ourselves
- Millions of times
- Hours to master new skills





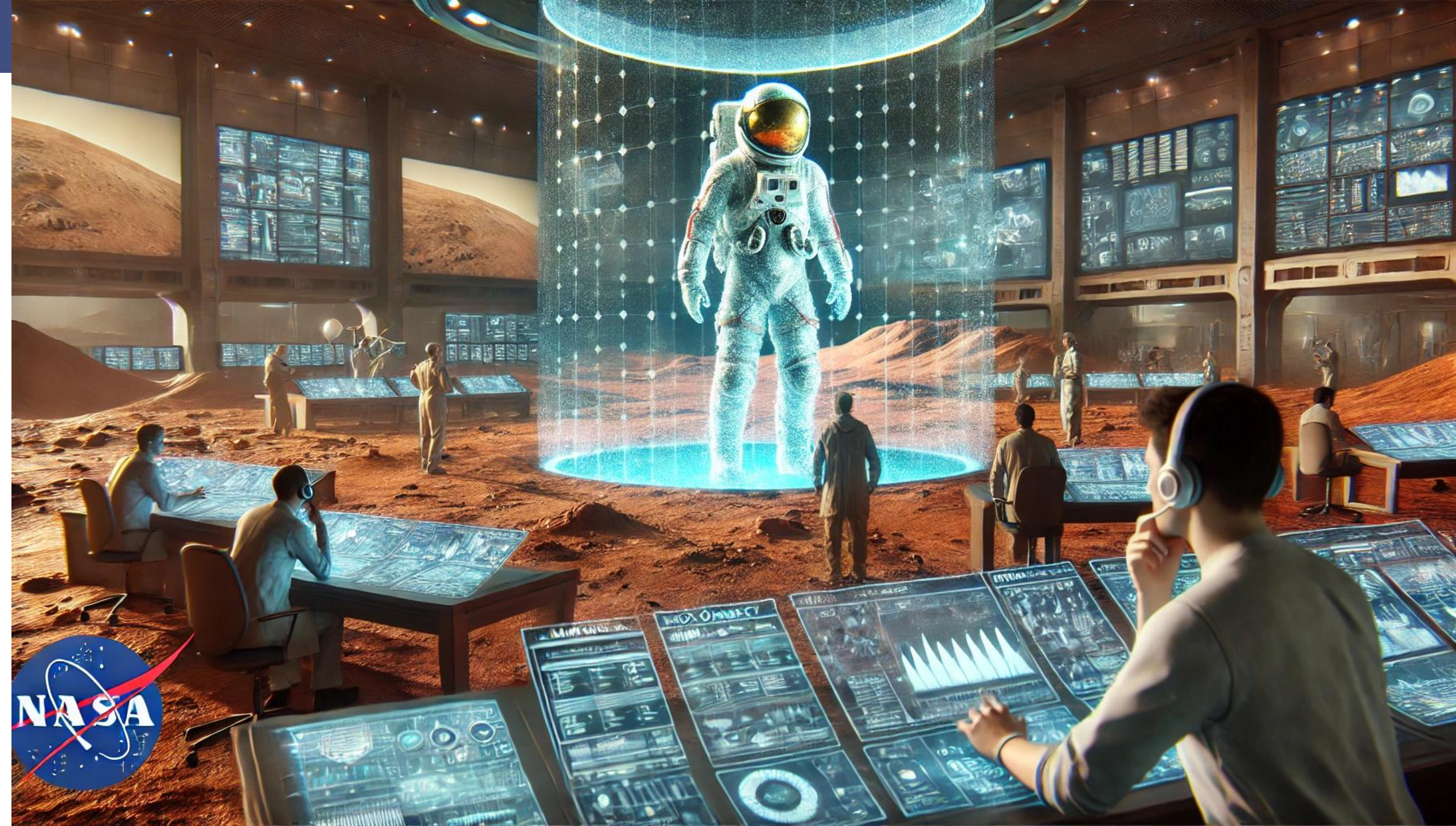
# Eternal life?

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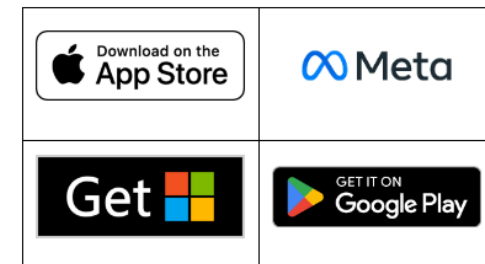
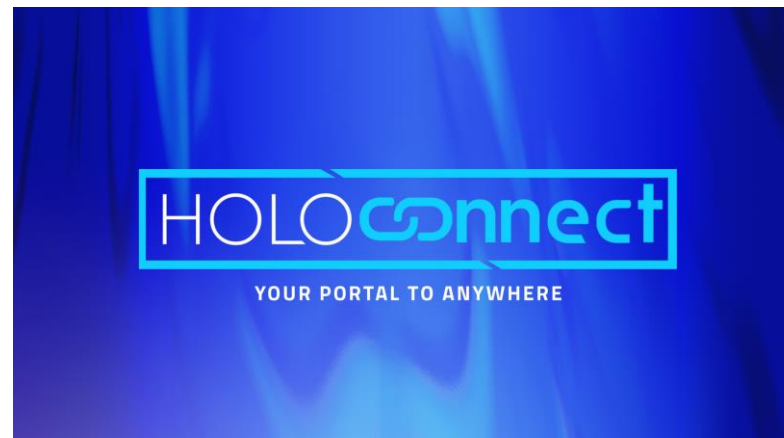
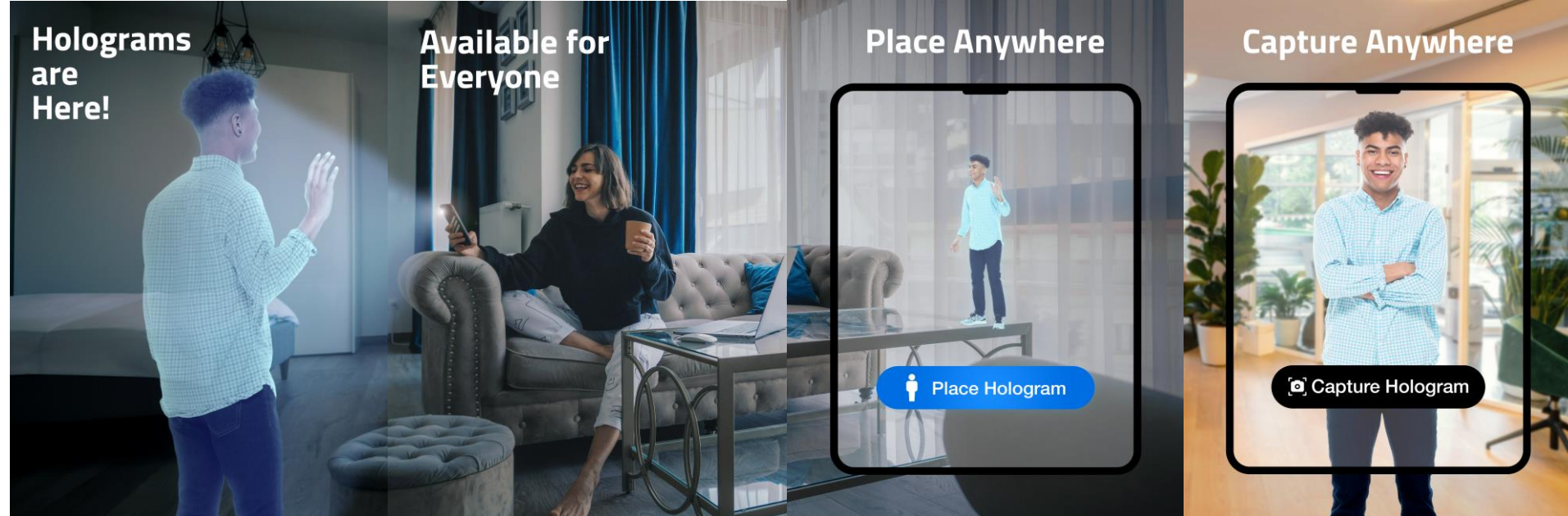
- Replicant bodies
  - Appearance, behavior, memories and skills of a person who has passed away.
- Nanotechnology and Biotechnology
- Genomics, artificial organs, and generative medicine











Device Agnostic / Compatible with 2800+



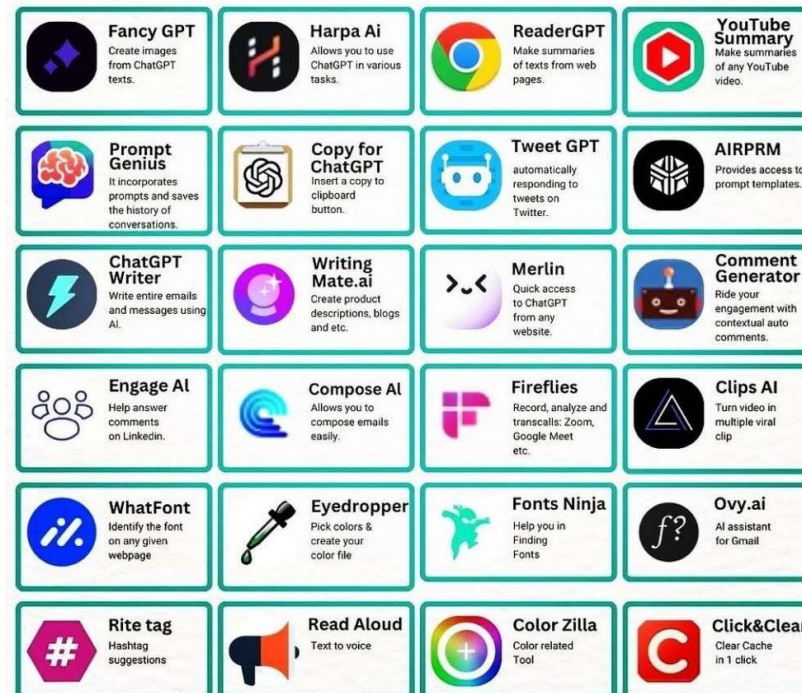
# 120 MIND-BLOWING AI TOOLS



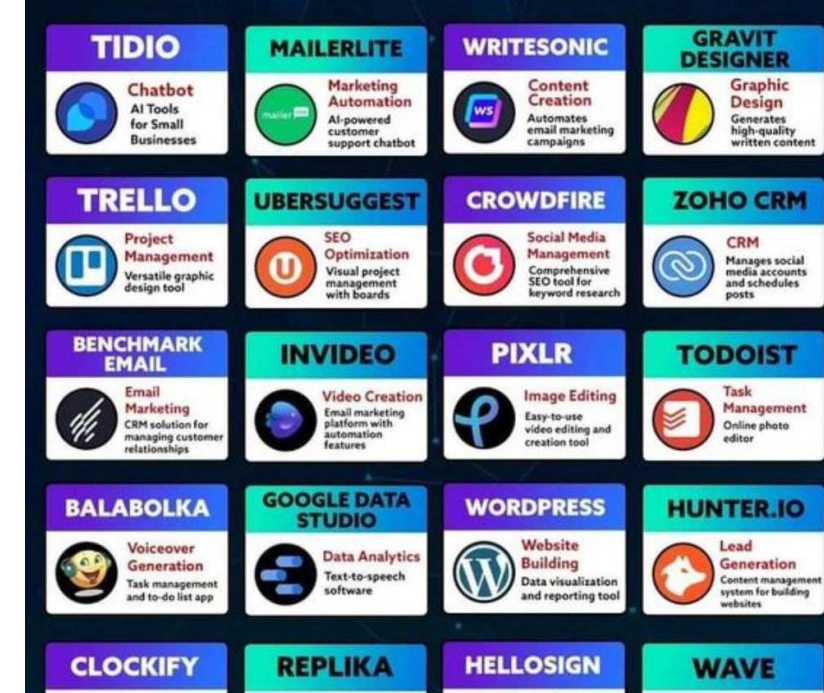
Amplifier of Human  
Potential



## Chrome Extension



## FOR SMALL BUSINESSES





# Ethical Considerations and Existential Risks

- Historical Examples of Misuse
- Technology as a Double-Edged Sword
- Broader Concerns about Trust
- Implications for AI Safety



The Tech (1963)



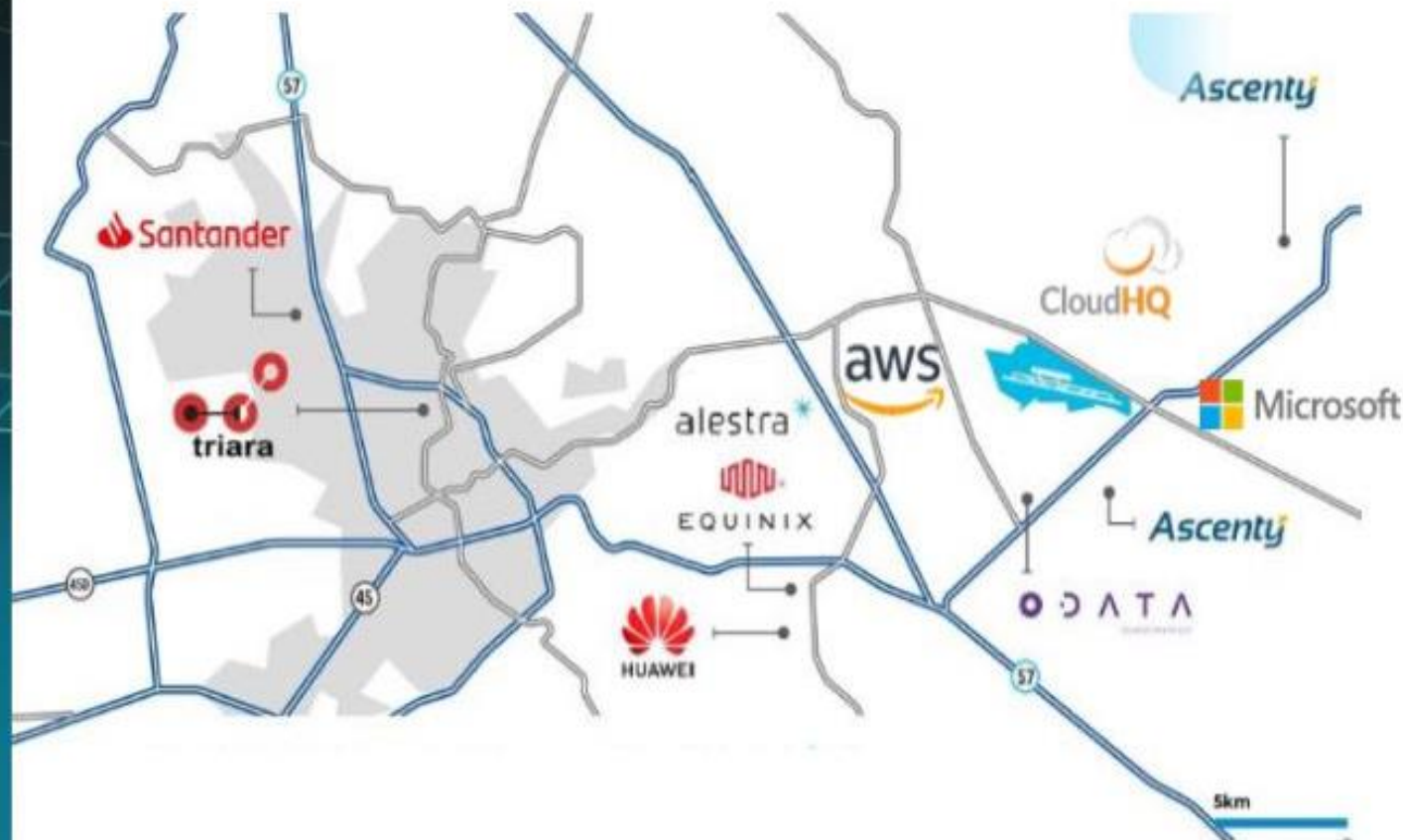
The Victoria Advocate (1992)



# DATA CENTERS

**6° lugar**  
en los  
mercados  
emergentes  
de América  
Latina

**CUSHMAN & WAKEFIELD**



**5 mil MDD**

AWS fortalecerá su infraestructura de nube en México a fin de atender la demanda de servicios en la nube en toda América Latina



**Campus de Data Centers**  
**3,600 MDD**

600 empleos tiempo completo  
+1,000 empleos temporales  
+250 empleos de infraestructura



**Querétaro**

Se convierte en  
la primera región  
de nube de  
América Latina

Primera región de  
**Google Cloud**  
en México

**1,200 MDD**  
Hardware  
Software  
Servicios





# CENTROS DE DATOS

CONTIGO  
TODOS AVANZAMOS



CloudHQ



triara



alestra



EQUINIX



DIGITAL REALTY



Ascentu

El Estado con más  
Megawatts instalados  
en México en la  
Industria de  
Data Centers

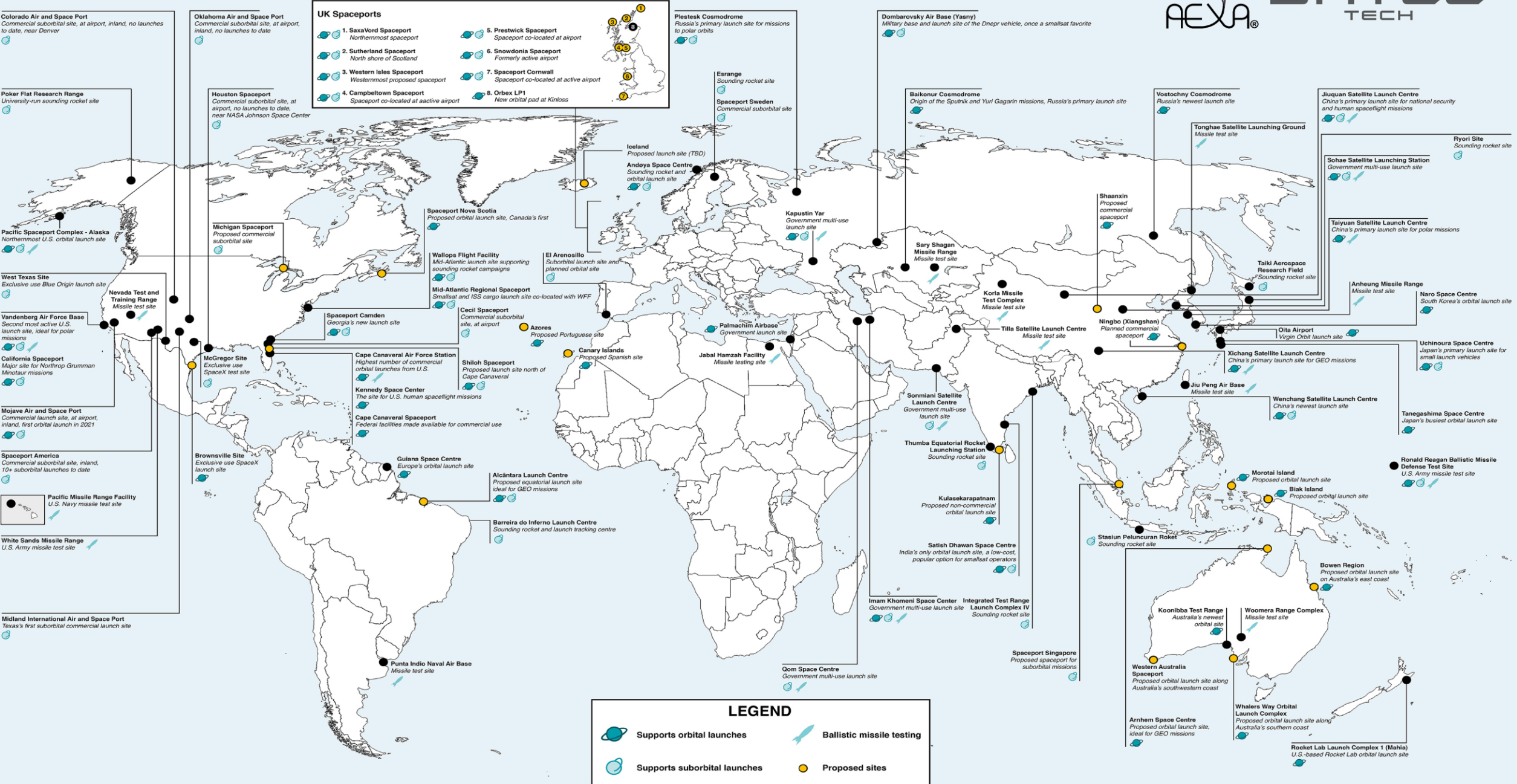


Por primera  
vez un Estado  
fuera de Canadá y  
Estados Unidos se  
posiciona como  
punta de lanza en  
este sector.

Fuente: "Data Center Global  
Comparison 2023 Cushman  
& Wakefield"



# Orbital and Suborbital Launch Sites of the World







# Economic Development

- Job Creation
- Attracting Investment
- Tourism and Space Tourism
- Economic Diversification





# Technological Advancements

- Innovation Hub
- Partnership with Universities and Research Institutes



The background of the slide is a photograph of the Houston Spaceport. A large, dark grey arch structure dominates the upper half of the image. A model of a rocket is positioned at the left end of the arch, pointing towards the left. Below the arch, the words "HOUSTON SPACEPORT" are written in large, white, three-dimensional capital letters. The sign is set against a blue sky with scattered white clouds. In the foreground, there is a low wall and some greenery, including yellow flowers at the bottom.

# HOUSTON SPACEPORT

## National and Commercial Space Access

- Access to Space
- Support for Commercial Space Industry
- Competitive Advantage





## Research and Development Opportunities

- Scientific Research
- Earth Observation and Monitoring
- STEM Education Promotion
- Public Engagement and Outreach







# Collaboration

- International Cooperation
- Commercial Launch Services
- Infrastructure Development
- Regional Growth
- Inspire Future Generations



# Puerto Espacial Queretaro

- **Latin America Gateway to Space**
- **Igniting Innovation and Industry**





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Thank you!

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- fernando@aexa.com

