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presents a Technology Incubator

LLoyd Goff .com

Universal AI Mind Backbone

Some ideas for Public Discussion about feasibility and what it might look like

Bingham Labs –A Universal Holographic Mind

This is an Illustration about funding and developing Electrolysis and AI prototype applications for 6 New Infrastructures that can all be funded thru a Public Development Corporation with a Mission to stimulate new industry.

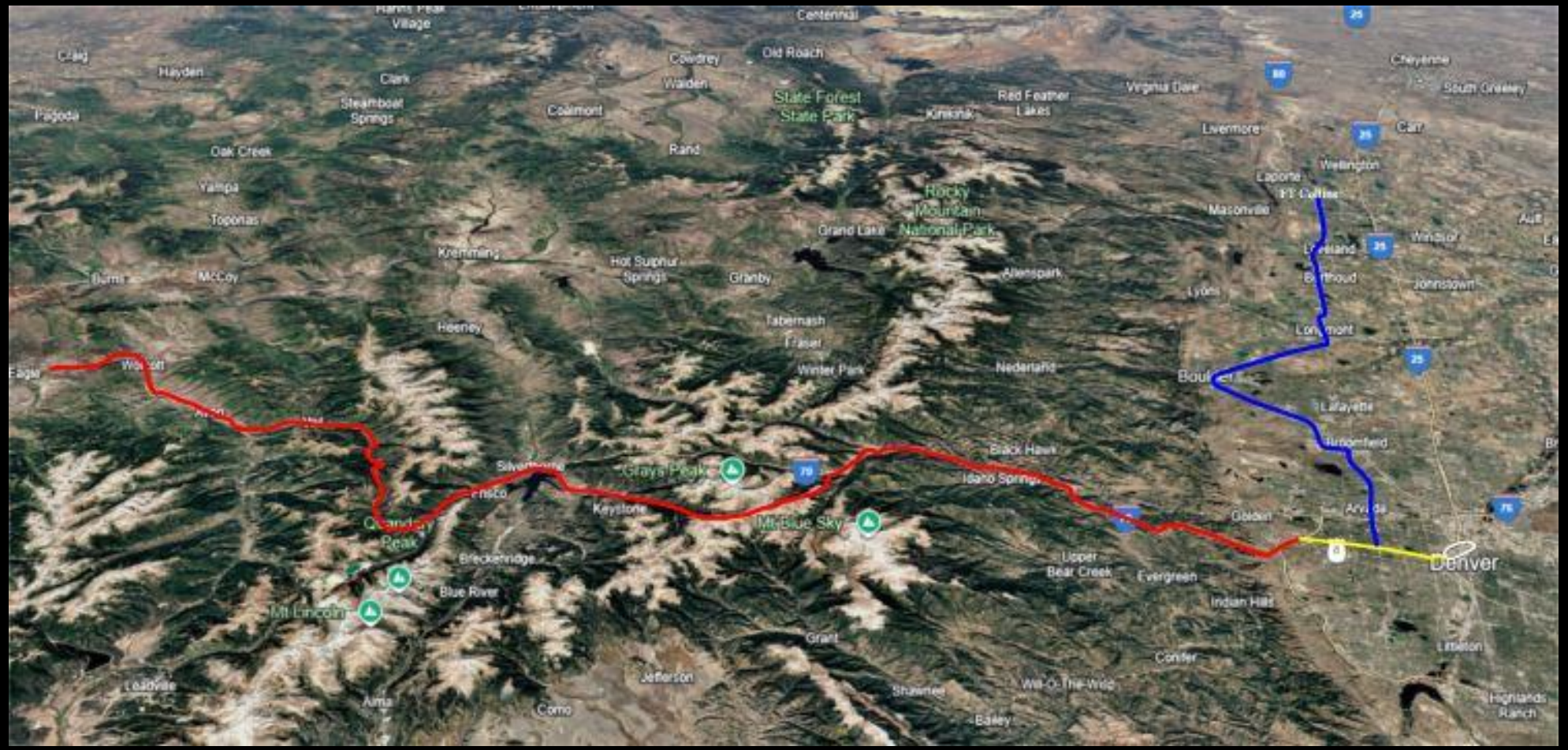
A National Test Study Model is proposed over 5 years for $10 Billion in Revenue Bonds
($5 Bil Skyways + $1 Bil Water+ $1 Bil Smart Grid+ $1 Bil Universal Mind + $1 Bil Carbon Products

This slideshow is about the $1 Billion allocated for a Universal Holographic Mind Backbone

Its break-even share of the $10 Bil at 3% interest + 3.3 % for Amortization is 1/10 or $1 Billion costing $63,000,000 p/y.

It’s Subscription revenue for 50,000 business users is $100 p/m or $60 Mil p/y. This pays for interest, amortization, operating costs, Data Center Costs, media cost. Profits come from pay per use that result with surpluses.

210-mile Skyways Colorado Corridor



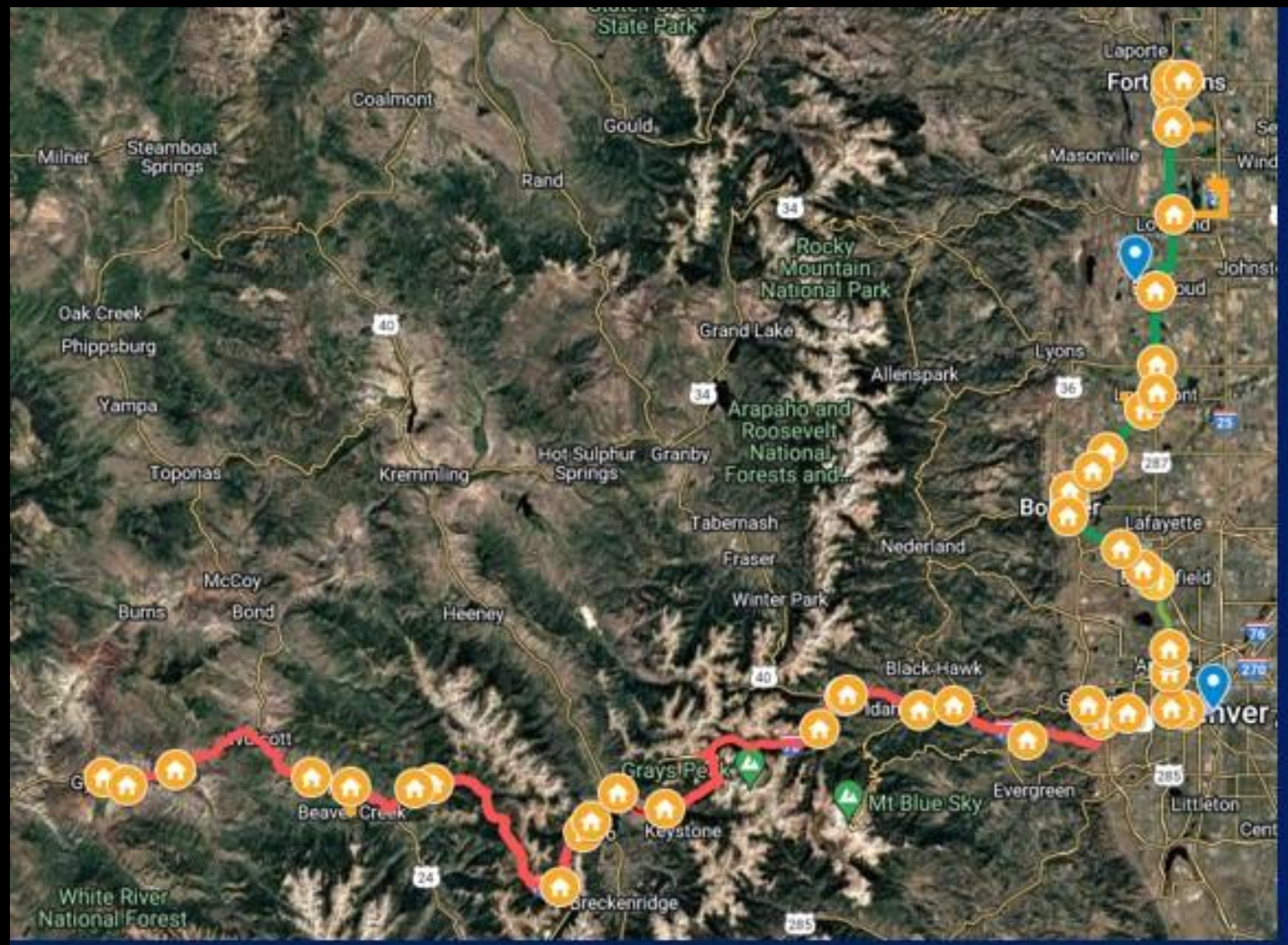
Linking

* 4 Universities,
*10 National Labs
* 25+ towns
* 7 Ski areas
* 3 Mil Population
* 6 airports
* 100s of businesses

Each Town Could Have Its Own AI Theme:

Ft Collins - Forestry/Crops
Loveland- engineering
Longmont-Farming. Livestock
Boulder- Space
Bromfield -
Denver – AI Development
Denver - Crossroads retail
Lakewood- Medical
Golden- geology
Keystone
Dillon- mountain living
Breckenridge
Copper Mt
Vail- Outdoor sports
Beaver Creek

Interactive Map for Data Center Locations



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(building order)

Leg # 1 Blue is Platte Valley

Leg # 2 Purple is Colfax

Leg # 3 Green is Front Range

Leg # 4 Red is I-70 Mtns

There are four other projects for $1 Bil each that can be a part of the same corridor:

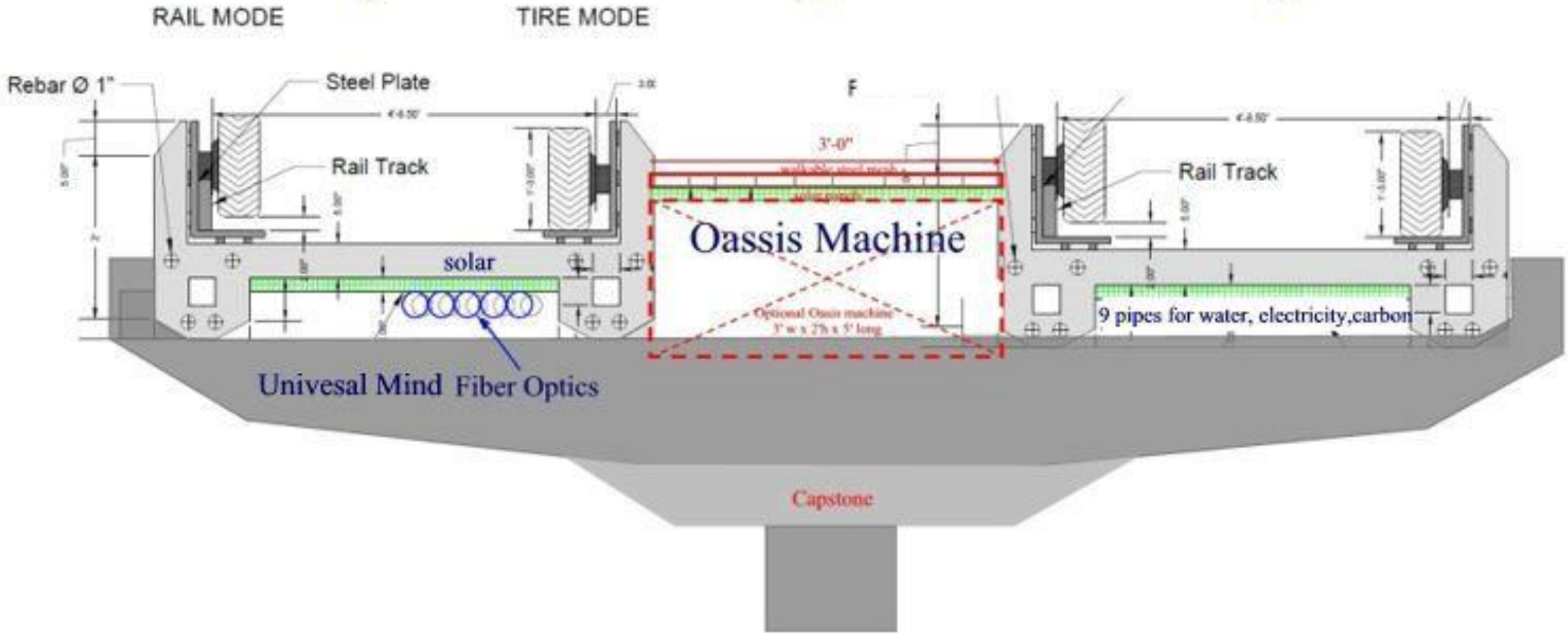
Fiber Optics

Unlimited Water

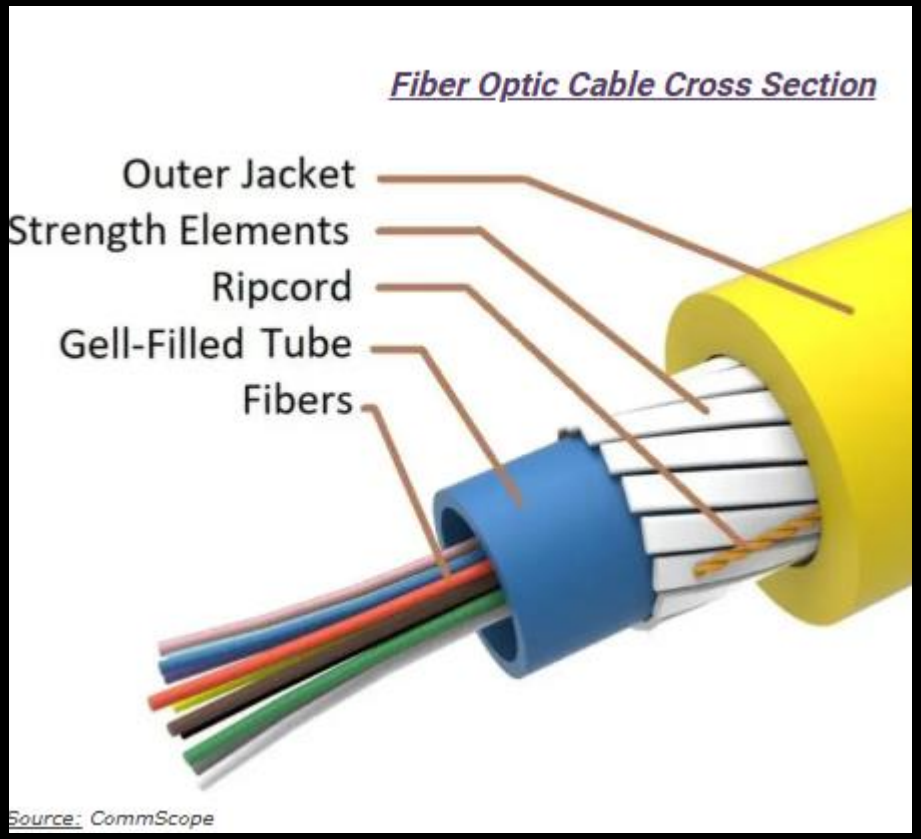
Smart Grid

Carbon Products (coming)

Stacked Pay Zones Showing Carriers Sharing Corridor



Fiber Splicing Video



Multiplexing Our Fibers up to thousands of Data Streams
(via six hung 3” pipes under guideway)
* Fiber optic cable Installation

Types of users

- Engineers
* Education
* Geologists
* Entertainment
* Real Estate
* Construction
* Car Sales
* Fashion
* Space
* Sports
* Banking
* Medical
* Scientific Research
* Truck Drivers
* IT professionals
* Climate

Using WDM technology now commercially available, the bandwidth of a fiber can be divided into as many as 160 channels[38] to support a combined bit rate in the range of 1.6 Tbit/s.

Universal Mind is a Merging of all New Media with AI

It is a backbone for connecting Data Centers

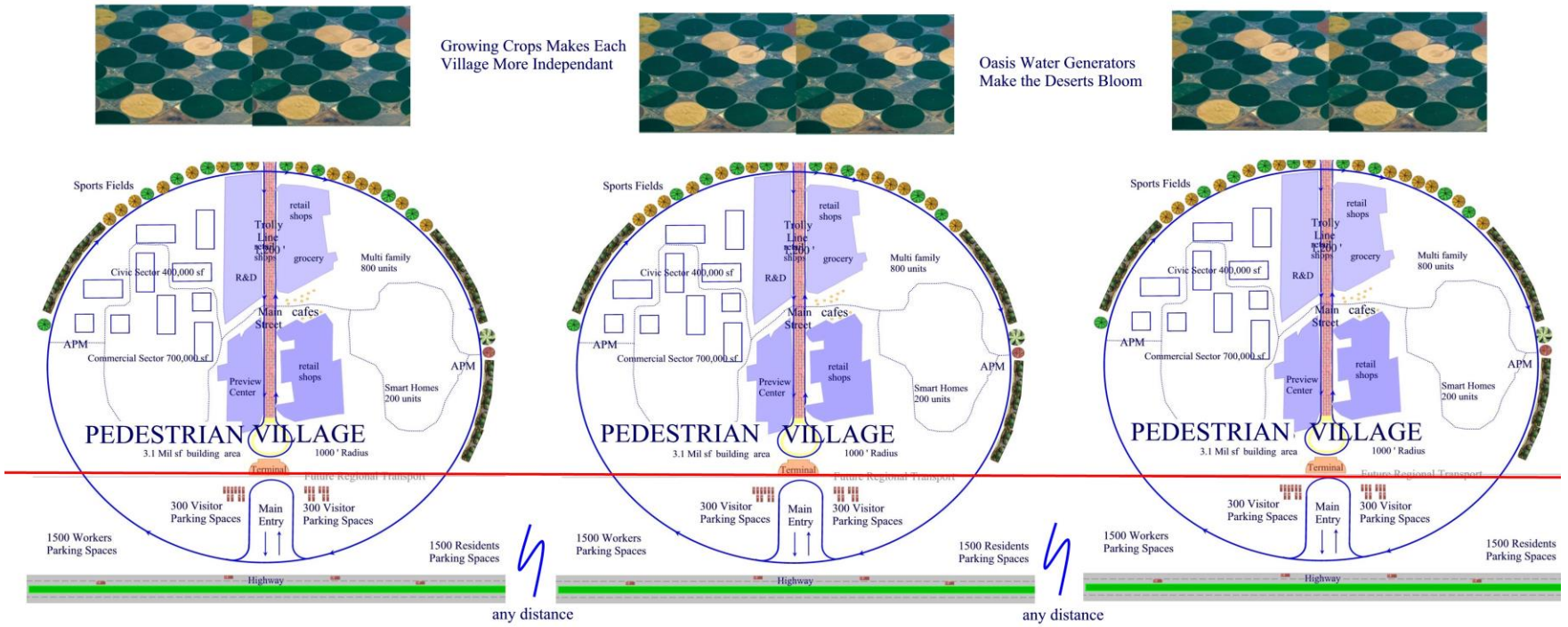
* Quantum Computing
* AI Software and chips
* Autobeam
* AI construction Boom
* Nvidia projected to $10 Trillion
* Optical Imposer processes at 8 x Increased speed
* Video is estimated to be 80% of data

AI Factories

Here is a video of his new technology for data centers

String of Pearls

21 Towns Along 210-mile route

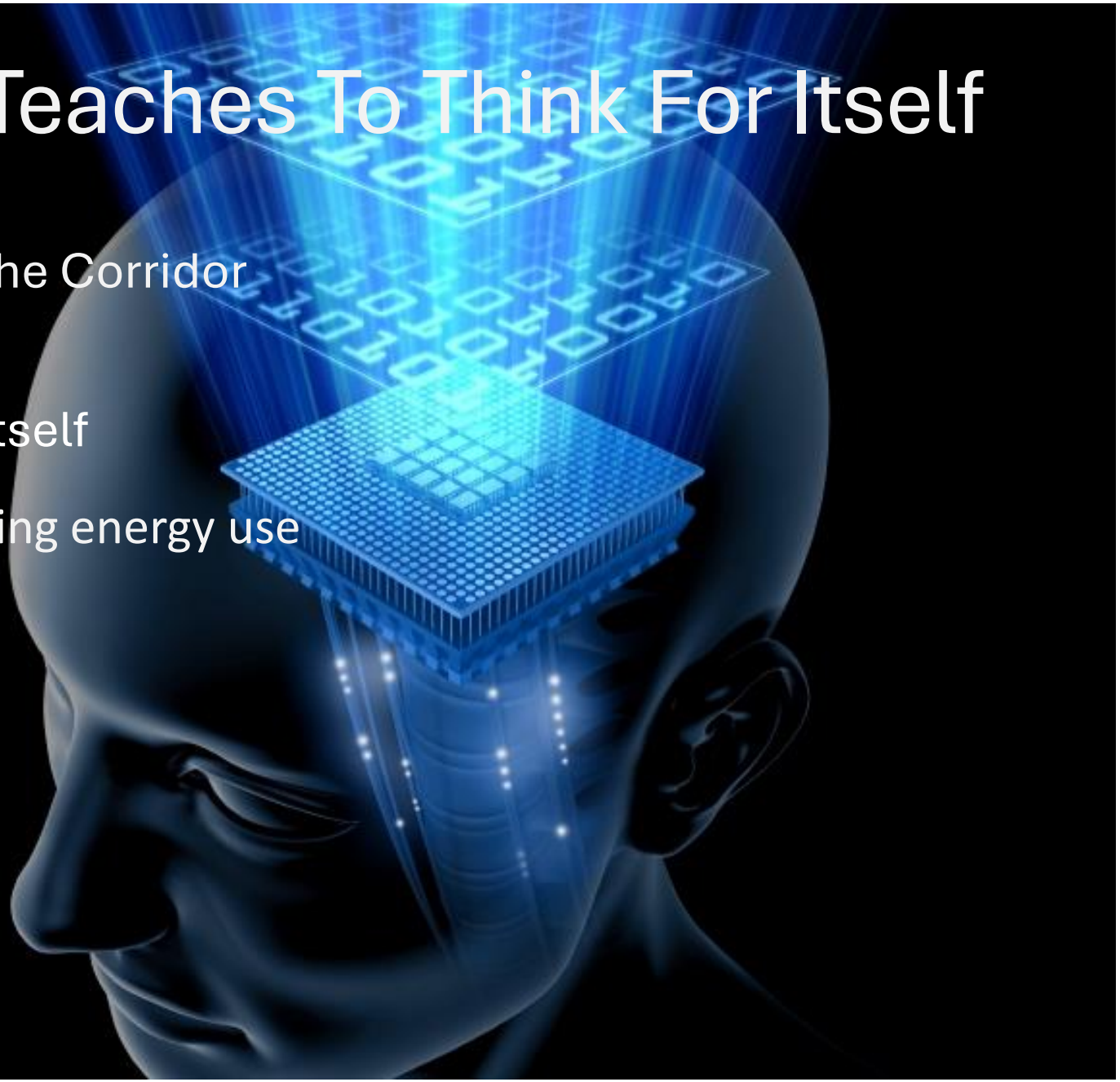


* Use AI Factories along 210-mile route as Economic Development engines
* They can be smaller providing one for each of the 25 towns along route
* The Data Center in each town combines the Universal Mind Backbone

* Ft Collins
* Loveland
* Longmont
* Boulder
* Superior
* Broomfield
* Arvada
* Denver
* Lakewood
* Golden
* Evergreen
* Idaho Springs
* Georgetown
* Keystone
* Dillon
* Breckenridge
* Frisco
* Cooper Mt
* Vail
* Beaver Creek
* Eagle

Machine Learning Teaches To Think For Itself

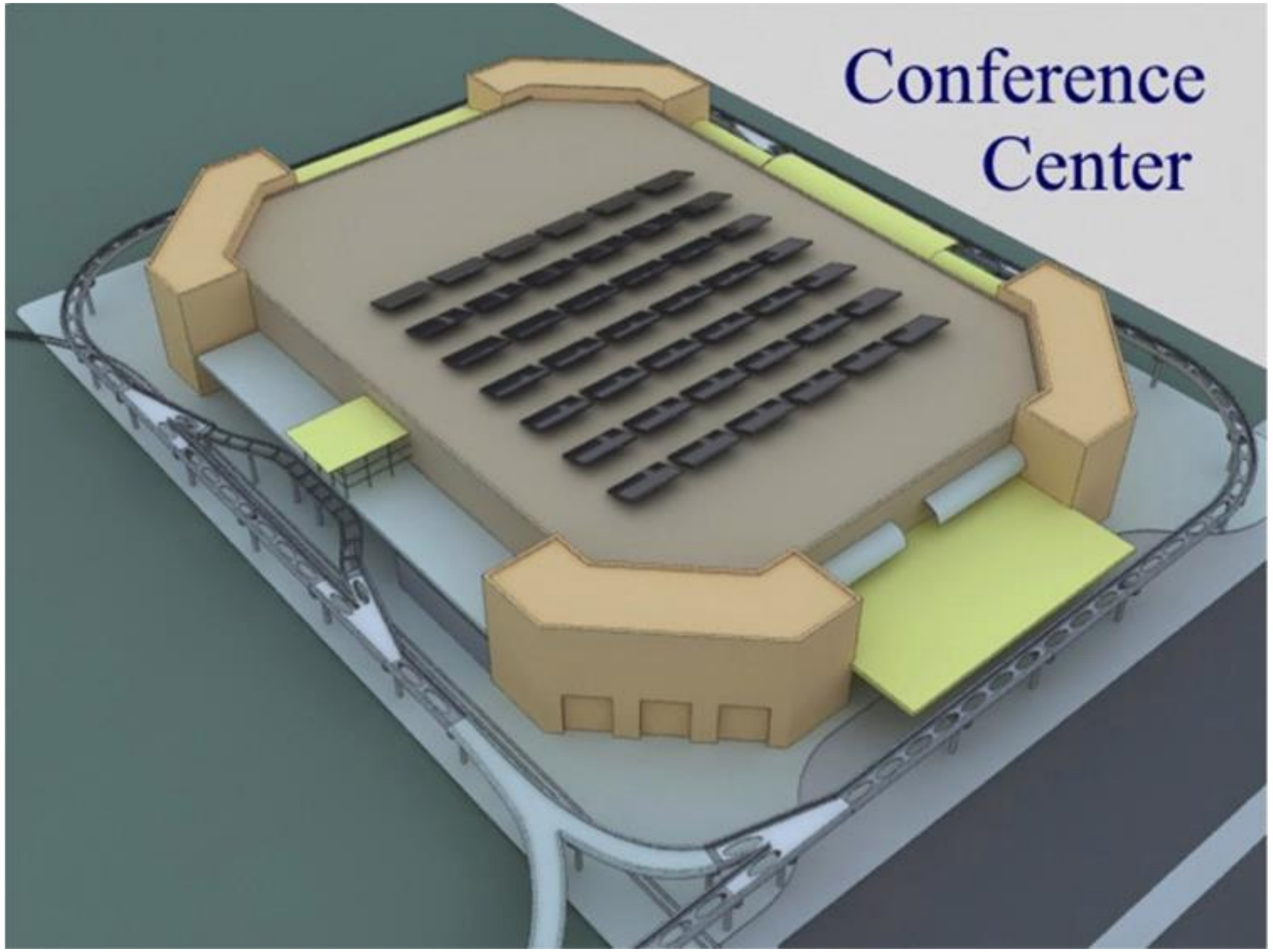
* Connects all Data Centers in the Corridor
* Self thinking becomes a mind
* Then learns to think faster for itself
* Trains AI 100 times faster & cutting energy use
* Stargate and Exegesis AI
* Faster processing
* Machine Learning Courseware
* Light Speed Data

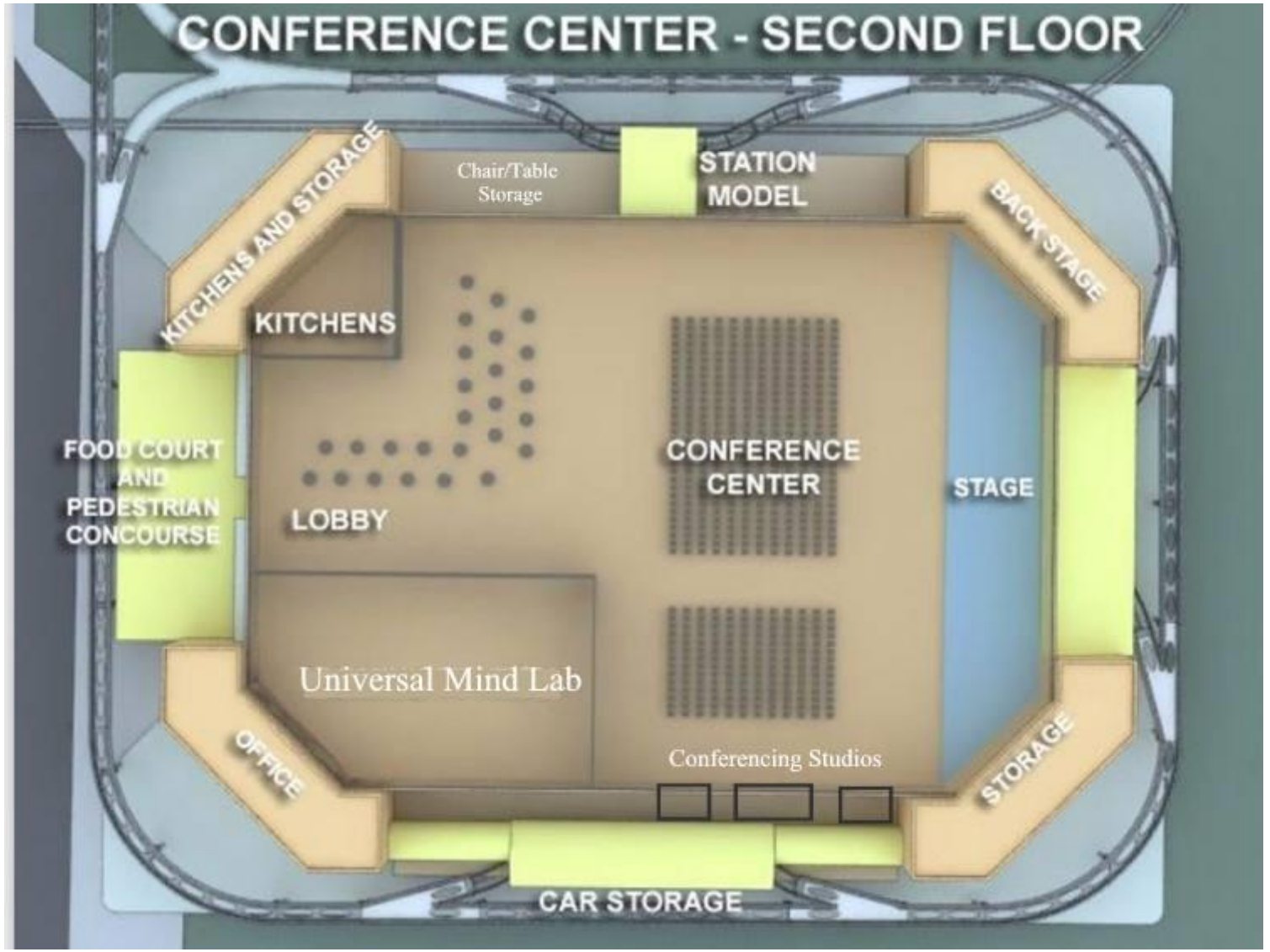


An Incubator

The Initial Building for $50 million will house two 80,000 sf floors. The 1st floor is an R&D Lab. The Labs begin with 275 foot by 255-foot buildings to be built 20 feet high. Up to five labs will be established on the first floor with docks.

A ¼ mile Skyways Test Track is shown around the building with a critical functions on each side: a station development site on one side, a cargo dock, some car storage plus a maintenance entry ramp.





The second floor will house a 4,000-seat conference center with multiple studios, a restaurant, kitchen and an AI media showroom and lab. The food court also serves as the lobby.

The various media shown on the following pages will be used throughout the conference center to demonstrate these technologies. The seating area will accommodate 1,200 sitting at tables. The room will be equipped with overhead lighting and cameras and there is space for 5 to 6 small studios (not shown)to generate podcasts and small conferences. The room can also be used for entertainment and exhibitions when it is not booked for conferences.

Examples of AI New Media Augmented Virtual Reality

From Magic Leap (Wait for it)

How it works

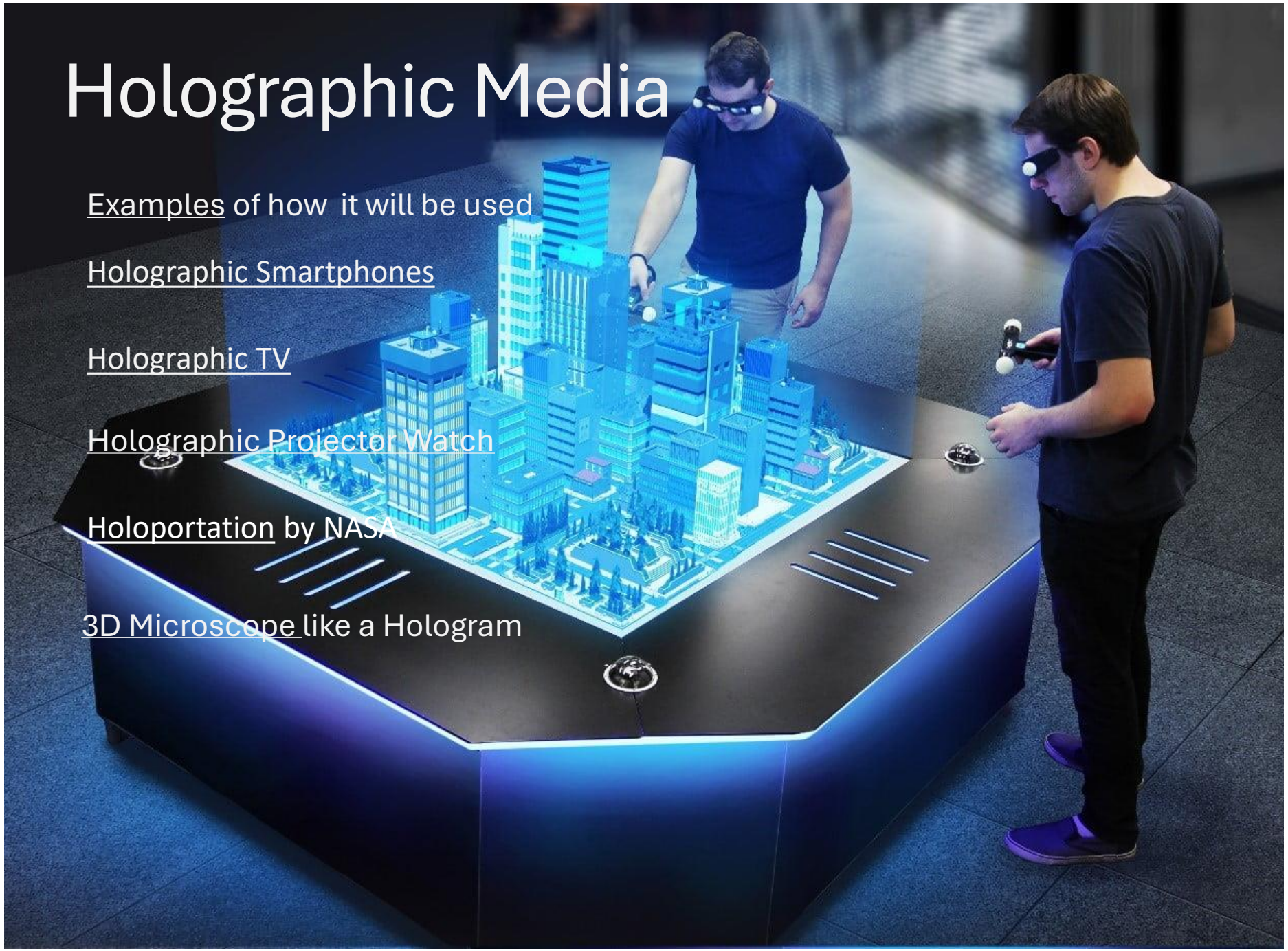
Apple Vision Pro

What is Spatial Computing

Top 9 Examples of Spatial Computing -

More examples of spatial computing

Holographic Media



Examples of how it will be used

Holographic Smartphones

Holographic TV

Holographic Projector Watch

Holoportation by NASA

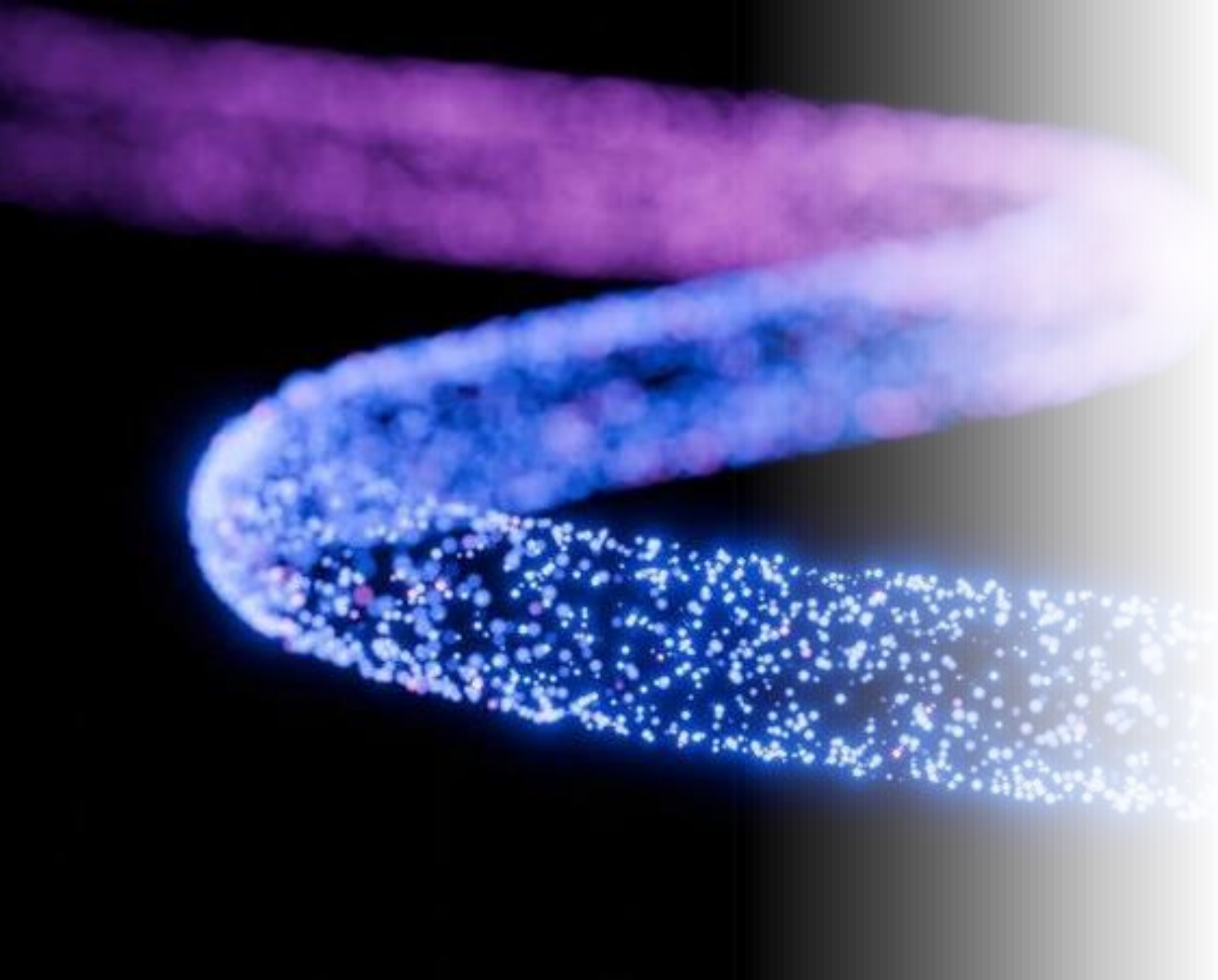
3D Microscope like a Hologram

Cell Phone projector

AI Projectors

Cell phones using projectors are inexpensive, but larger projectors can run from $50,000 to $100,000

Holographic Projector



Quantum Teleportation

Over Fiber Optic Cables

Instead of transmitting millions of photons to encode data, quantum systems rely on single photons carrying delicate quantum states.

Meta Glasses by Facebook

Meta Platforms, Inc., formerly known as Facebook, Inc., is a multinational technology company headquartered in Menlo Park, California. Meta owns and operates some of the world's most popular social media platforms, including **Facebook**, **Instagram**, **WhatsApp**, and **Messenger**, and is deeply involved in advancing virtual reality (VR) and augmented reality (AR) technologies through its **Reality Labs** division

[Interview with Mark Zukerberg]

Examples of Augmented Reality These are coming soon. AR adds Virtual Reality overlaying digital information onto our surroundings

AR is making it easier than GPS maps. AR apps show routes, points of interest, and traffic updates on smartphones or AR glasses.

AR retail for shopping

AR in social media

AR overlays digital info onto our surroundings

AR Tech in driving display speed and Navigation onto windshields

What A $1 Billion Structure Might Look Like

(here are some ideas worthy of discussion)

* 50% allocated for AI factories and 50% allocated for transmission by fiber
* Fiber Transmission goes to some uplinks then satellite to desktop or cell phones

* 25,000 developer's uplink to 1,000,000 subscribers within 5 years. This is a very small number as Google has 22 million and even startup Replit has 20 million.

* Universal Mind contracts for publisher's content

* 500,000 users subscribe for $20 per month for $120 million per year

* Breakeven for allocation of 3% interest and 3.3% amortization is $63,000,000 p/y

* 100,000 publishers and 10 million subscribers within 10 years

* This is a model to copy and expand the backbone of a Universal Mind

* 20+ AI Factories growing the 210-mile Fiber Optic backbone as a Universal Mind

* Users interface thru Quincy an Avatar you talk to for personal assistance and navigation

Projected Cost to Build an AI Data Center

What is Generative AI?

Elon Musk Data Centers and Plans

Fiber Optic Linking Data Centers

Steel-Frame Modular Data Centers

For larger-scale or more complex builds, our steel-frame modules offer greater design flexibility and load capacity. These structures are engineered to support high-density power and cooling systems, making them well suited for enterprise, AI, or multi-megawatt data center applications.

Modular Data Centers

Pre-installed server racks for housing IT hardware

Power distribution units (PDUs) and optional onboard generators

Integrated cooling systems, such as in-row or evaporative cooling

Fire suppression systems that meet code requirements

Security infrastructure, including surveillance and access control

Cabling and network integration with optional raised flooring

Structural options, including containerized or steel-frame construction

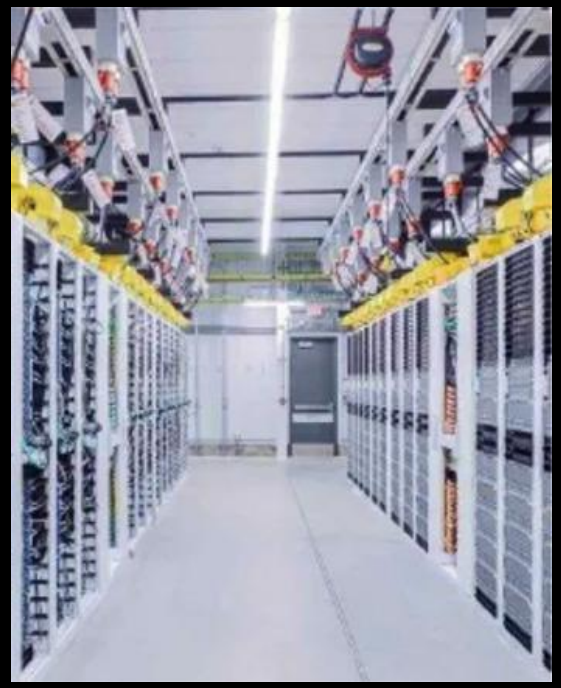
Scalable layouts that allow for phased growth

A Modular AI Factory for our 20 + Small Towns on the 210- mile Corridor

A Small Modular AI Factory inside Shipping Containers

AI Factories grow by use of machine learning starting from any size

Nvidia's New $3,000 Super-Computer is 1000 Times More Powerful than a current Laptop



Getting Started

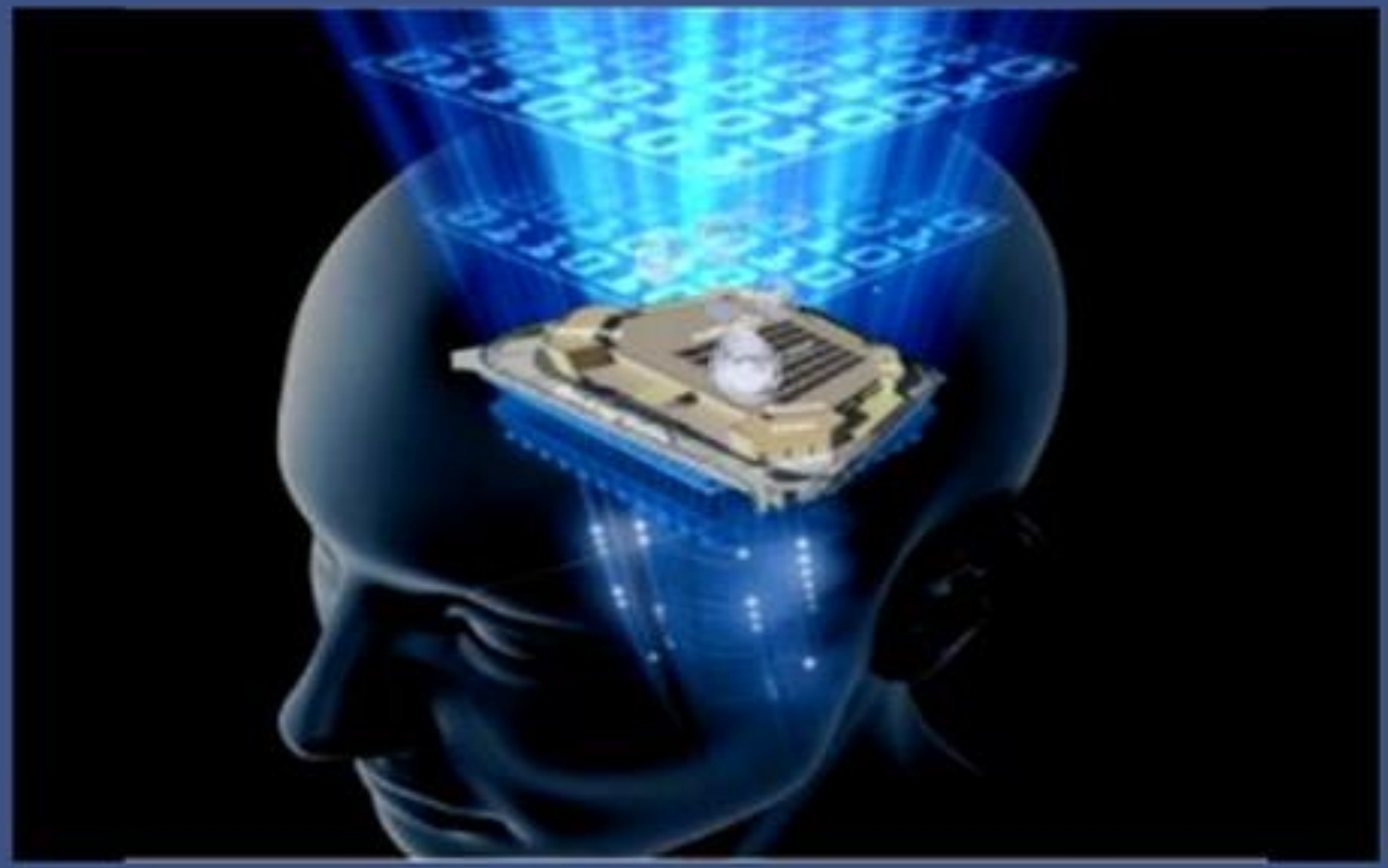
Elon Musk's vision for his new trucks, featuring supercomputers linked wirelessly into a massive network, has sparked an innovative idea for small towns looking to establish an AI factory and attract new businesses. By replicating this concept, towns can create a modular AI hub using a $100,000+ budget. This could be achieved by converting a shipping container into a state-of-the-art data center. The renovation would include insulation, drywall, flooring, and preparation of the site, as well as installation of racks and 50 servers along one wall. The labor costs for setup would also be covered. The back of the container would be equipped with electric and water generators, providing a reliable power source. As the AI factory grows, additional modular units could be installed, each housing 50 or 100 servers, allowing for seamless expansion and scalability. This unique approach could revolutionize the way small towns develop their AI capabilities and attract new businesses.

Talk to

Quincy

Dashboard of Operations Over 210-Mile Corridor

- Navigate Topics
- About Us
- News
- Contact Us
- Search
- Chat
- Calendar
- Mobile



Topic | Conferences | Education | Capital | Companies

Idea Bank | Library | Members | Events

Downsides: AI is draining power, and its exhausting grids all over the world. A better way is needed quickly.

- The Industry is waiting for mini-Nuclear
- AI Coming Reign of Terror
- Community Conflicts
- AI can fight back against shutdowns
- Data Centers are bad for environment
- The Most Disruptive Force in Human History?

The distributed alternative