

# **Building Utah's AI Ecosystem**

The right technology, talent and partners to make impact

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**ACTION ITEM: REQUESTING ENDORSEMENT TO PROCEED**



# Investing in the future, building on the past

- History of technology innovations:
  - The 4<sup>th</sup> Node of ARPANET
  - Evans & Sutherland Lab
- Transformed U's status & expertise in visualization, networking, and computing
  - Ed Catmull > Pixar
  - John Warnock > Adobe
  - Alan Kay > Object-oriented programming
- Scientific Computing & Imaging (SCI) Institute leading today's pioneering achievements



Evans and Sutherland

# Moment for building the future of AI in Utah

- Responsible AI Initiative
  - Expand Cyberinfrastructure
  - Attract Talent & Expertise
  - Engage with Industry & Community
- Pioneering real-world solutions to regional and global challenges

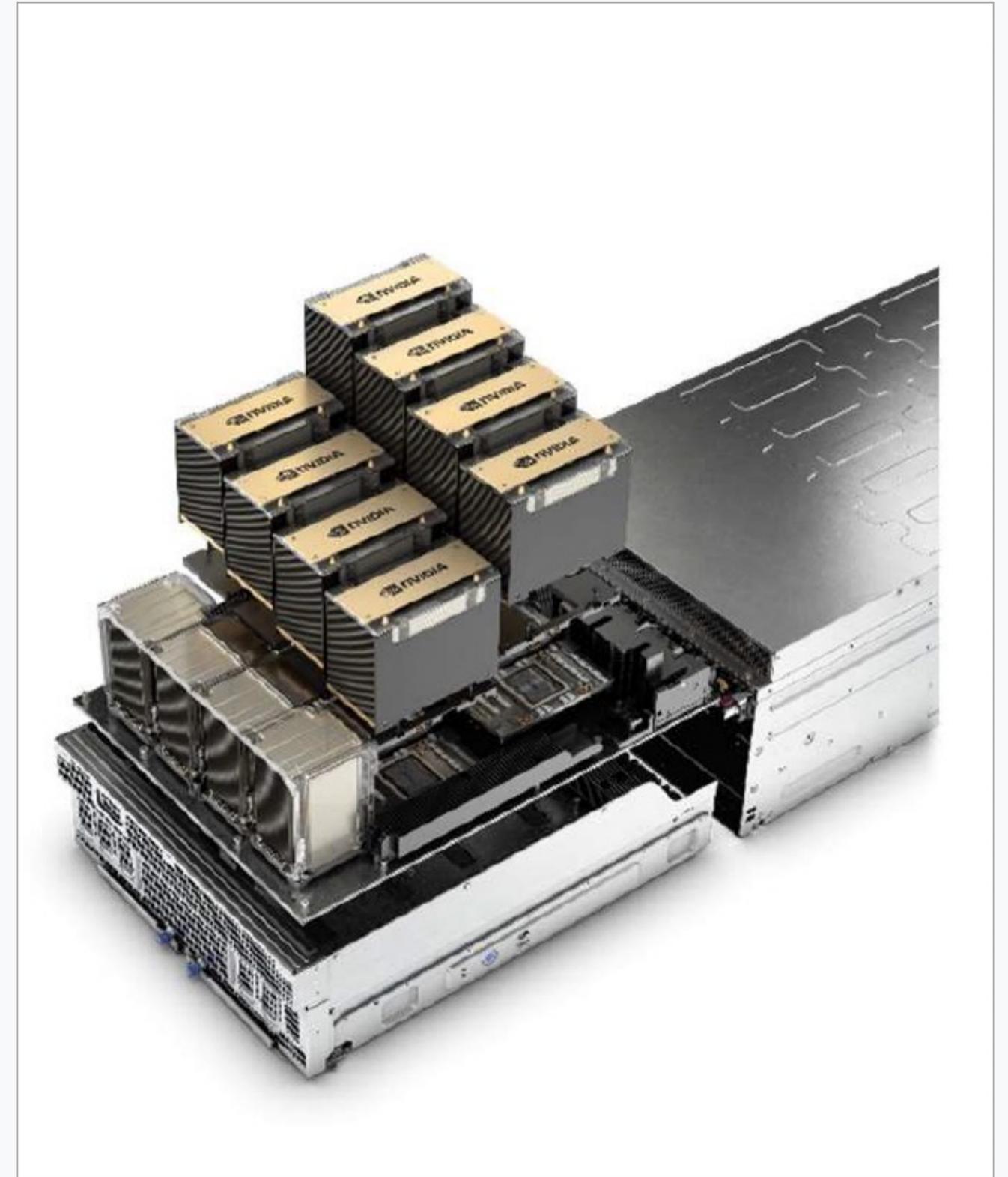
**Proposed contract is foundational to the future of AI innovation**



The U's Responsible AI Initiative

# What the proposed contract outlines

- \$50 million, 5-year shared investment
- State-of-the-art AI computing and data cyberinfrastructure, along with support services and expertise
- Triples computing power (3.5x increase)
- Advances Utah's position as a national AI research and innovation leader
- Enables AI-enabled discovery, student training, workforce development, and entrepreneurship



Cyberinfrastructure Capacity Buildout

# Building an AI ecosystem in partnership

- **Hewlett Packard Enterprise (HPE):** Infrastructure, integration, support services
- **NVIDIA:** Advanced AI chips
- **The U - SCI Institute and CHPC - HCI:** Research algorithms and applications; Operations and user support
- **Huntsman Family Foundation and the State of Utah:** Funding support



Bringing together strategic partners

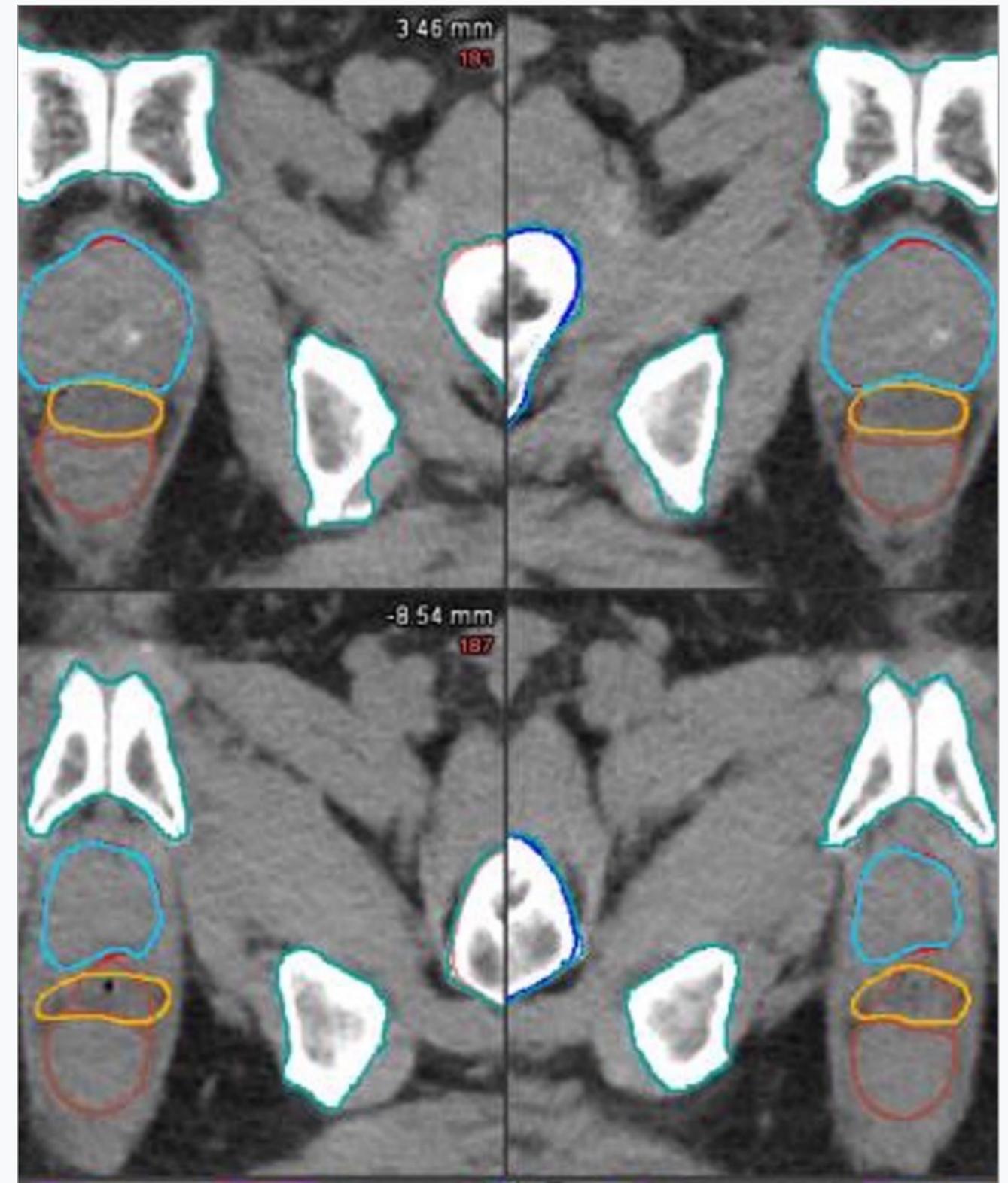
# Utah AI innovation ecosystem: Driving cancer care & research

- Utah AI Innovation Ecosystem will enable researchers to leverage unique data assets and expertise

## CANCER RESEARCH APPLICATION:

- Accelerate trial research timelines
  - Direct impact on patient care/outcomes
  - Faster translation of discoveries to the public
- New model for public-private partnerships for economic development

**First-of-its-kind HPE-NVIDIA-University partnership model**



Transforming cancer care and research

**Thank You**  
**QUESTIONS?**

