

SOLUTION:
DataINDUSTRY:
Higher educationCOUNTRY:
United States

“The cluster will support the whole gamut of human inquiry, from the physical and life sciences to the liberal arts.”

– **JAMES WILGENBUSCH**, DIRECTOR OF RESEARCH COMPUTING, MINNESOTA SUPERCOMPUTING INSTITUTE

→ EXPLORE DIGITAL GAME CHANGERS

**Hewlett Packard
Enterprise**

ADVANCING SOCIETY WITH BOLDER DISCOVERIES

Greater computing power is transforming scientific discovery, enabling scientists to solve complex problems faster. This is why the Minnesota Supercomputing Institute has stayed in the vanguard of research technology. By providing supercomputing systems to 4,500 users and 900 lead researchers, and accelerating data analysis, it is advancing society through research that's both broader and deeper than what was previously possible.

OBJECTIVES

- Enable more scientific and other discoveries across diverse fields
- Accelerate scientific inquiry in data-intensive areas of research
- Meet new demands for more complex and advanced inquiries

REQUIREMENTS

- Deliver cutting-edge computing solutions to meet new demands
- Add a new high-performance computing cluster to accelerate scientific inquiry
- Expand capabilities to develop innovative solutions for data-intensive research

SOLUTION

- HPE Apollo 2000 Gen10 Plus systems
- HPE Apollo 6500 Gen10 Plus systems
- HPE ProLiant XL225 Gen10 Plus servers
- HPE ProLiant DL385 Gen10 Plus servers
- NVIDIA® A100 Tensor Core GPUs
- HPE Operational Support Services
- HPE Factory Express Integration Services

OUTCOMES

- Enables 4,500 users and 900 lead researchers to make more and bolder discoveries
- Expands researchers' ability to conduct more complex research and study a wider range of fields
- Gains the ability to make sense of vast amounts of data with 7x more computing power

ADDITIONAL RESOURCES

- [CASE STUDY](#)

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