IT GOALS AND STRATEGIES

NC State University’s first unified IT Strategic Plan provides the blueprint needed to lead IT innovation and to fully engage campus stakeholders and partners in the process.

The IT Strategic Plan necessitates the sharing and efficient use of resources; the balancing of core, distributed and edge technology needs; and the positioning of the IT community to be integral members of IT projects, teams, departments, units and centers.

In doing so, it frames the future campus IT infrastructure and positions the university to achieve its vision to emerge as a preeminent technological research university.

Read the complete plan and get updates on progress at: go.ncsu.edu/itstratplan

NC STATE MISSION

As a research-extensive land-grant university, North Carolina State University is dedicated to excellent teaching, the creation and application of knowledge, and engagement with public and private partners.

By uniting our strength in science and technology with a commitment to excellence in a comprehensive range of disciplines, NC State promotes an integrated approach to problem solving that transforms lives and provides leadership for social, economic, and technological development across North Carolina and around the world.

NC STATE VISION

NC State University will emerge as a preeminent technological research university recognized around the globe for its innovative education and research addressing the grand challenges of society.
INNOVATE

**Goal 1:**
**LEAD IT INNOVATION**
Foster world-leading technological innovation to support teaching and learning, research and outreach.

1. Develop partnerships for disruptive innovation.
2. Create spaces and processes that inspire innovation.
3. Encourage dissemination of IT innovations.

**Goal 2:**
**LEVERAGE DATA**
Enhance the access, usability, security and utilization of data resources to advance research and decision making.

1. Provide a robust data management cyberinfrastructure.
2. Deploy tools for data analysis.
3. Achieve recognized leadership in data-based decision-making.

MANAGE

**Goal 3:**
**MAINTAIN & ENHANCE UNIVERSITY CYBERINFRASTRUCTURE**
Provide a core IT infrastructure, including hardware, software, people and facilities, that is secure, resilient and adaptable to meet the current and anticipated future needs of the university community.

1. Establish and implement a Master Plan for cyberinfrastructure.
3. Commit to ongoing professional development of the IT community.
4. Communicate available cyberinfrastructure.

**Goal 4:**
**OPTIMIZE IT RESOURCES THROUGH GOVERNANCE**
NC State will use IT governance processes to acquire, develop and allocate the finances and people needed to provide the robust IT services required to achieve the university’s vision and strategic priorities.

1. Implement an ongoing IT governance review process.
2. Align resources with institutional priorities, including optimal distribution of functions and services among core, distributed and edge.
3. Develop and ensure appropriate funding for IT reflecting IT’s increasing contribution to the university mission.

COLLABORATE

**Goal 5:**
**CULTIVATE A COLLABORATIVE IT CULTURE**
The university will foster a culture in which the IT community works effectively across boundaries to address IT challenges, assisted by an effective IT governance structure.

1. Create an environment that fosters and rewards collaborative efforts.
2. Develop new models of information sharing and communication that encourage collaboration.
3. Incorporate stakeholder input into IT actions and decision-making.

**Goal 6:**
**FOSTER CONNECTEDNESS OF COMMUNITIES**
Provide tools and technology-rich physical and virtual spaces that support meaningful connections across university communities.

2. Leverage social media to inform, educate and advocate connections.
3. Improve spaces to enable collaborative work.
4. Provide incentives for faculty to use IT to increase interdisciplinary collaboration.