IT Strategic Plan

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3 – 5 Year Strategic Priorities
Strategic Plan Rutgers

Aspiration

To be broadly recognized as among the nation’s leading public universities: preeminent in research, excellent in teaching, and committed to community

Integrating Themes

- Cultures, Diversity, and Inequality—Local and Global
- Improving the Health and Wellness of Individuals and Populations
- Creating a Sustainable World through Innovation, Engineering, and Technology
- Educating Involved Citizens and Effective Leaders for a Dynamic World
- Creative Expression and the Human Experience

Strategic Priorities

- Envision Tomorrow’s University
- Build Faculty Excellence
- Transform the Student Experience
- Enhance Our Public Prominence

Foundational Elements

- Strong Core of Sciences and Humanities
- Inclusive, Diverse, and Cohesive Culture
- Effective and Efficient Infrastructure and Staff
- Financial Resources Sufficient to Fund Our Aspirations
- Robust Shared Governance, Academic Freedom, and Effective Communication
Technology with a Purpose

- Investigate near and long term impact of instructional technology
- Build and support state-of-the-art infrastructure
- Construct physical spaces that will enable research and education
- Revamp academic support services, instructional support
- Invest in infrastructure and technology to fully support primary research and scholarship
- Conduct a full overhaul of ERP platform
- Provide cost-effective data center support for all critical IT functions
- Strengthen core facilities with special attention to academic computing
- Establish an ethos of support and service
- Maximize efficiency and effectiveness
Observations

• IT considered strategic
  – Involved in executive leadership structure
• Recognition of IT
• Behind on many fronts
• Acknowledgement for the need to move forward
• Silos
• Campus IT eager to be engaged
  – IT Leadership Council
• Already making progress
• Active member of the Big Ten Academic Alliance (BTAA)
Strategic Priorities – 3 to 5 Years

- **Evolving the Way We Work:** Continually improve student & business systems and processes
- **Transforming the Data Experience:** Providing the data you need, when you need it
- **Enhancing the Educational Experience:** Provide outstanding tools and support for teaching and learning
- **Enabling Research:** Build and support a world class research computing environment
- **Reshaping Healthcare:** Develop and implement the IT Roadmap that helps Rutgers Health transform healthcare
- **Simplifying IT:** Streamlining services, reducing complexity, eliminating redundancy
- **Delivering Fast Reliable Internet:** Provide one high speed, reliable, and secure Rutgers network
- **Unifying IT:** Create an integrated, aligned, and collaborative Rutgers IT community
Evolving the Way We Work:

Current Initiatives:

- Continue process improvement and systems replacement efforts through Cornerstone
- Consolidating document scanning environment
- Enhancing the MyRutgers portal
Transforming the Data Experience:

Current Initiatives:
• Defining institutional data strategy and architecture
• Defining strategy and architecture for RBHS/RHG
• Expanding the current environment through Cornerstone initiatives
Enhancing the Educational Experience:

Current Initiatives:
- Evaluating the consolidation of LMS systems
- Establishing synchronous classrooms
- Evaluating the possibility of consolidating clickers
- Evaluating the selection of a new tool for remote proctoring
- Rationalize the support structure
- Consider implementation of recommendations from Academic Technology Committee
- New scheduling system
Enabling Research:

Current Initiatives:
• Expanding the Office of Advanced Research Computing (OARC) program
• Expanding the governance structure for research computing
• Installing 3,000 core HPC system from Cisco
• Partnering with research units to shape and grow the services
IT Strategic Plan

Transforming Healthcare:

Current Initiatives:
- Defining a roadmap for IT
- Defining a strategy and architecture for data
- Establishing IT governance in each school/unit
- Evaluating and remediating risk factors as outlined by federal compliance policies, such as HIPAA

or value based healthcare and a comprehensive clinical informatics program.
Simplifying IT:

Current Initiatives:
- Software licensing analysis and coordination
- Establishing a service management best practice model
- Coordinating help desks across the institutions
- Expanding to 24x7 coverage
- Framework for device acquisition
- Identify ways to reduce duplication of effort
Delivering Fast Reliable Internet:

Current Initiatives:

- Building a Network Master Plan
- Defining and deploying a standardized video configuration
- Evaluating expansion of Internet2
- Expanding service coverage to 24x7
Current Initiatives:
- Convening IT leads regularly
- Defining an institutional service framework
- Defining governance structure for decision making
- Gaining insight into total IT spend
- OneIT = RUIT
A New Style of IT – Setting Expectations

- Everything, everyone connects
- People expect instant gratification
- Enterprise and IT are interdependent
- Organizations must respond to continuous opportunity and threats
- Agility is paramount
- Anywhere, Anytime, Anyway
- Collaboration
- Customer Centric
- RUIT = One IT
Core Purpose

*To propel the university’s continued transformation by providing technology solutions and services that are cutting edge, reliable and effective.*
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