What is this hype about the cloud? Why should I bother? The power of

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Disclosures

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POWERED BY COMMUNITY
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Founded

In 1996 by research universities to take self-responsibility for providing a data networking environment that would not otherwise exist, or exist as and when the community of scholars needed it.

Mission

Develop and deploy advanced network applications and technologies, accelerating the creation of tomorrow’s Internet.

Goals

- Enable new generation of applications
- Re-create leading edge R&E network capability
- Transfer technology and experience to the global production Internet

Community

- R&E member institutions, affiliates, agencies, etc..
- Rich and complex regional network community
- Global NREN community
Executive Insights: Just about every aspect of research & education now relies on computers and networks. As a result, the scope & complexity of the decisions required for managing the technology needs of institutions & forecasting future services has increased tremendously. Here are strategic insights to help sort through some of the more pressing issues facing higher education today.
The Internet2 R&E Network

300+ Research Universities
80+ Corporations
70+ Government agencies
42 Regional & state networks
65+ International R&E networks
"The Internet2 NET+ Initiative isn’t a technology solution, it’s a portfolio of solutions that enables the research and education community to work in a new way."

--Shel Waggener, Internet2 Senior Vice President
Software as a Service (SAAS) allows research and education (R&E) institutions to reduce IT costs by outsourcing hardware and software maintenance and support to their cloud providers. This allows the reallocation of IT operations costs away from hardware/software spending and personnel expenses, and toward meeting other goals. The ability to rapidly deploy new apps to private clouds allows technology teams to focus on needs and goals outside the IT department.
Internet2 and the cloud
Requirement: Single Sign-On

http://www.internet2.edu/products-services/trust-identity/shibboleth/
Requirement: Security

https://cloudsecurityalliance.org/
Requirements

- Transparent and best pricing
- Legal: Contract, Service Agreement, BAA, etc.
- Advisory board: Ongoing commitment to work with the community to continue to evolve the service to meet unique education and research needs
Examples of Cloud Services Deployed at Scale

Leveraging community developed offerings, preferred pricing and business terms

- 150+ universities cloud storage and collaboration campus-wide (36+ months)

- 100+ universities leveraging the NET+ Splunk offering (24+ months)

- 50+ universities moved their LMS to Instructure’s Canvas (36+ months)

- 50+ universities leveraging enterprise AWS offering (24+ months)
NET+ SERVICE LIFECYCLE

Community path to the...

Sponsored by Community Members

Designed by participating campuses, providers and Internet2

Subscription by Community Members, Regional and Global partners

More Opportunity to Experiment, Pilot, and Assess Before Full Validation
Curriculum Committee for the First Professional Program

Administration

Dr. Thomas Braun, Dean

Members

Dr. Jean O’Donnell, Chair, Associate Dean, Academic Affairs
Dr. Robert Engelmeier, Chair, Prosthodontics
Dr. John Ference, Prosthodontics Faculty
Dr. Joseph Giovannitti, Chair, Anesthesiology
Dr. Michael Dobos, Chair, Restorative
Dr. Pouran Famili, Chair, Periodontics
Dr. Mark Mooney, Chair, Oral Biology
Dr. Seth Weinberg, Oral Biology Faculty
Dr. Mark Ochs, Chair, Oral & Maxillofacial Surgery
Dr. Mark Sosovicka, OMFS Faculty
Dr. Joseph Petros, Chair, Orthodontics
Dr. John Burnheimer, Orthodontics Faculty
Dr. Greg Schneider, Chair, Diagnostic Sciences
Dr. Deborah Studen-Pavlovich, Chair, Pediatrics
Dr. Adriana Modesto-Vieira, Pediatrics Faculty
Dr. Robert Weyant, Chair, Dental Public Health
Dr. Heiko Spealek, Associate Dean, Faculty Affairs

Curriculum Management Tool Links

Curriculum Management Tool (CMT)
CMT.Intro
CMT.Tutorial
CMT.FAQ

SDM Competencies and Course Syllabi
SDM Competencies for First Professional Program
Instructions for listing competencies on course syllabi

Curriculum By-Laws

The Curriculum Committee for the First Professional Program:

- Shall consist of the chair of each department (or their assigns) and the presidents of the first, second, third and fourth year classes. The associate dean for education and curriculum shall serve as an ex-officio non-voting member. The chair will be appointed by the Dean.
- Shall review curricular changes proposed by the faculty.
- Shall recommend curricular changes to the faculty and the dean.
- Shall monitor the implementation of the curriculum.
- Shall coordinate all curricular activities and programs.
- Shall execute the school’s curriculum management plan.
- Shall administer the SDM’s outcomes assessment process.
Realized Benefits

- **Cost Avoidance**
  - Lower pricing
  - Lower procurement cost/effort

- **Enhanced Value**
  - Favorable contract terms
  - Better alignment with local IT architecture

- **Future Proofing (lower risk)**
  - Strategic engagement with provider at community scale
Summarizing What NET+ Is

- Community driven - all NET+ vendors have to be sponsored by a CIO to participate.
- Higher ed focused - the contracts are designed for higher ed.
- More than technology
  - Provides better contractual terms
  - Working to improve cloud security requirements
  - Working on simplifying sign-on process
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