

The background features a large, stylized sun or circle in shades of orange and yellow on the right side. The top and bottom edges are decorated with a grid of small squares in various colors, including orange, yellow, and red. On the right side, there is a blurred image of a computer monitor and keyboard, suggesting a technology or IT theme.

IT Consolidation Study @ CSU An Update

IT Consolidation Study @ CSU Update

Committee Members

- **Pat Burns (VPIT), co-chair**
- **Bryan Carney (Director, University Advancement)**
- **Dave Carpenter (IT Director, CAHS)**
- **Jim Folkestad (Faculty, CAHS)**
- **Thom Hadley (Director, CVMBS)**
- **Allison Horn (Director, Internal Auditing), co-chair**
- **Ed Peyronnin (IT Director, CAS)**
- **Rusty Scott (Assoc. Director, ACNS)**
- **Stephanie Wolvington (Internal Auditing)**

IT Consolidation Study @ CSU Update

Areas of Study for Possible Consolidation

- 1. Data Center & Associated Hardware**
- 2. Applications and Licensing**
- 3. Web Design and Programming**
- 4. Identity and Access Management**
- 5. Purchasing**
- 6. Helpdesk & Desktop Support**
- 7. Networking and Networking Support**

IT Consolidation Study @ CSU Update

Building a Framework for Discussion

- **Theme: “Simplify the IT environment”**
- **Consider savings, benefits, and risks at varying levels of consolidation for each area:**
 - **Tight and/or tighter collaboration**
 - **Hybrid approach, some consolidation**
 - **Complete consolidation**
- **Directive from the Provost – seek the ‘low hanging fruit’**

IT Consolidation Study @ CSU Update

'Low-hanging Fruit'

- **Considering savings, value & risk to campus:**
 - 1. Data Center & Associated Hardware**
 - ~~2. Applications and Licensing~~
 - ~~3. Web Design and Programming~~
 - 4. Identity and Access Management**
 - 5. Purchasing**
 - ~~6. Helpdesk & Desktop Support~~
 - 7. Networking and Networking Support**

IT Consolidation Study @ CSU Update

Status - considering savings, value & risk to campus:

- Data Center & Associated Hardware**
 - Committee formed - Ed Peyronnin, chair**
- Identity and Access Management**
 - Committee being formed- Rusty Scott, chair**
- Purchasing**
 - Committee formed – Dave Carpenter, chair**
- Networking and Networking Support**
 - Communications Infrastructure Committee charged with developing a Networking Operations Policy**
 - Campus meeting Friday, May 27 from 9am-10am in 222 Rockwell West**





Creating the Campus Cloud

**Committee on campus wide server
and storage virtualization**

Committee on campus wide server and storage virtualization

- **Members, goals and general timeline**
- **Deliverables**
- **Campus interest**
- **Pilot implementations**
- **Full implementation by July 2012**

Committee on campus wide server and storage virtualization

- **Members –**

- **Larry Cobb (CVMBS)**
- **James Cizek (ACNS)**
- **Ed Peyronnin (AgSci)**
- **Joe Volesky (ACNS)**
- **Stephanie Wolvington (Internal Auditing)**

- **Goal –**

Develop a policy and business driven virtualized data-center for campus use.

- **Deliverables –**

- **SLA**
- **policies and procedures**
- **business agreement listing a menu of cafeteria style of services offered.**

Committee on campus wide server and storage virtualization

Considerations

- **Impact to the community**
- **Storage (VM's, backup and DR)**
- **Advantages of Hyper-V and VMWare**
- **Network**
- **Security**
- **FTE commitment (the Provost will cover salary)**
- **Etc...**

Committee on campus wide server and storage virtualization

Phase I

- **Implementation plan due to the Provost
20 August**
- **Campus IT community survey – Get a
sensing of the demand on campus
before 1 June**
- **First Pilot start 1 July**
 - **Less than ten systems each for Hyper-V and
VM-Ware**
 - **Hand select members from survey who fit
specific requirements**
 - **Test hardware**
 - **Apply policies and procedures**
 - **Physically test the system**
- **Adjust the system**

Committee on campus wide server and storage virtualization

Phase II

- **Vet and codify any new needed policies and procedures**
- **Conduct a second survey based on findings and experience(?)**
- **Conduct a second pilot**
 - **Ask for volunteers (first come) to migrate to the system**
 - **Use procedures developed in Phase I to a larger group,**
 - **Test procedures and hardware in a “live” setting**

Committee on campus wide server and storage virtualization

Phase III

- **Hardware/software tweaked**
- **Begin sign up for production mode**
- **Phase in/soft roll-out of production mode**

1 July 2012 - Go live

**NOTE: All information is
subject to change until
planning document is
approved.**