SHARED TECHNOLOGY SERVICES

FALL SEMESTER 2012

EXECUTIVE SUMMARY

The OU and OSU Information Technology leadership teams now meet regularly to identify, promote and engage on opportunities to create efficiencies and create value for our institutions. The benefits of our collaboration are extended to other state educational institutions through our partnership with the Oklahoma State Regents for Higher Education CIO and OneNet. Specific efforts to collaborate, share services and contracts have created cost efficiencies in support of the Governor's modernization initiatives.

Our work began with the development and release of a statement of collaboration between OU, OSU and OneNet. In the seven months since then, representatives from our combined eight campuses created several workgroups and initiatives covering numerous technologies and activities, all working towards creating a shared services environment. This environment will contain the necessary frameworks for providing trusted access to each other's computing resources, for leveraging key purchasing contracts, for maximizing staffing through shared training resources, for sharing information such as service catalogs and project portfolios, and, in collaboration with OneNet, enhancing network connectivity between campuses.

COST EFFICIENCIES

While it is still early in our collaboration, we have already created significant cost efficiencies through our work together. The following table shows four such successes.

Cost Savings	+	Cost Containment	+	Value Enhancements
One-time savings over previous expenditure		Reduction in future projected expenditure(s)		New or enhanced services, features, licenses, capabilities

Activity/Project/Investment	Type	Cost Efficiencies		Note
New Microsoft Agreement (5 years)	Contract	OU-ALL	$1,441,262	Now paying Level D volume pricing instead of Level C.
		OSU-ALL	$1,300,130	
		$2,741,392		
Tegrity Contract Sharing Savings (5 years)	Contract	OSU-OKC	$150,000	Cost avoidance by sharing contract negotiated pricing.
		$150,000		
OU Border Router placement OSU-Tulsa (5 years)	Infrastructure	OU-ALL	$848,896	Cost efficiencies attributed to this collaboration from consolidating six routers to two by co-locating one at OSU-Tulsa.
		$848,896		
Bedlam Battle Security Awareness Campaign Oct. 2012	People & Knowledge	OU/OSU-ALL	$4,000	Produced a single program to be used by both institutions.
		$4,000		
	TOTAL	**$3,744,288**		

ACCOMPLISHMENTS

In addition to knowledge sharing and relationship building, we have achieved a number of outcomes, including:

- Jointly published a white paper describing our commitment to work together and share IT resources.

- Jointly negotiated new five year Microsoft campus agreement.

- OU co-located a new unified border router cluster node at OSU-Tulsa where it is strategically located close to high-speed research network access provided by OneNet.

- OSU and OU accounts are now federated enabling the ability to access each other's computing resources.

- Participants can login to shared document resources to track value generation and status of activities.

- OU Board of Regents iPad App is in final stages of being evaluated for use by the OSU Board of Regents.

- Shared on-site training classes. We negotiated for advanced skills training to be delivered on campus thereby reducing our travel costs. By combining work forces we met class size requirements and received reduced pricing. Additionally, the time together in the class promotes future collaboration and knowledge sharing.

- Jointly produced the training program "Bedlam Battle" that will be used by OU and OSU this October for Cyber-Security Awareness Month.

- Developed a common Service Catalog across the OU and OSU campuses to provide a framework for identifying collaboration targets.

- OSU has consolidated voice licensing for OSU-STW, OSU-OKC, OSU-TUL, and OSU-IT (Okmulgee) and is working to institute a common wi-fi platform for these same campuses.

NEXT STEPS

- Work together to jointly negotiate other key technology contracts leveraging our combined licensing volume.

- Create a federated Identity Management capability spanning all Oklahoma Higher Education Institutions building upon the model OSU and OU have implemented.

- Expand the key skills training program to make available shared training opportunities delivered locally at reduced cost to all Oklahoma Higher Education institutions.

- Inventory, report, promote, and share resources for the use of open source solutions across Oklahoma Higher Education institutions.

- Plan and host knowledge sharing days for IT staff across our institutions.

- Publish an inventory of disaster recovery resources available for sharing across institutions in the event of an emergency affecting any of our campuses.

- Complete an enhanced connectivity design between OU and OneNet using new private fiber lambdas between Norman, OKC, and OSU-Tulsa where OU will connect to the OSU system.

- OSU and OneNet to implement 100Gig connectivity between Stillwater and Tulsa in February 2013. This high-speed connection will support OSU research connectivity needs and serve as the interconnection between OSU and OU for future shared services.