



Project: Thin Client Computing

Funding Source: Sustainable Campus Environment Fee

Funding Amount: \$45,000

Receiving Campus Unit: Swanlund System Services

Unit Financial Officer: Brent Michael West

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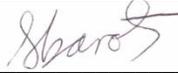
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Project Description:

This proposal looks to improve the energy efficiency of campus computing by expanding the use of thin client hardware and infrastructure. The effort will build on previous successful thin computing studies, scaling up the initiative to make thin clients available to a wider campus audience. Thin clients use 95% less energy than traditional desktop computers, which can significantly reduce campus energy expense and carbon emissions. Further, thin clients have a 10 year life-span, compared to the 3-4 year useful life of a traditional desktop computer, resulting in better utilization and ultimately less e-waste. To encourage the expansion of this more sustainable model of computing, this project seeks to make thin clients available at reduced costs for campus units. \$40,000 of the grant would fund thin client devices, licenses, and associated Terminal Server client access licenses (CALs) at a rate up of to \$200 or 50% of costs, whichever is lower. At least 200 thin clients will be made available at discounted rates for campus units; additional funding will come directly from units' allocated budgets for replacement computer hardware. Purchase commitments for atleast 100 devices have made made by the College of FAA, and additional commitments have been made by Swanlund System Services and Campus Recreation. The remaining \$5,000 of the grant would compensate Webstore/CITES for server/virtual machine investments. As more and more locations will have thin clients visible, students, faculty, and visitors will realize the benefits of this sustainable computing solution. Thus, the Student Sustainability Committee is in favor of funding the fully requested amount of \$45,000.

Student Sustainability Committee:



Suhail Barot, 09-10 Committee Chair

Erin Harper, 09-10 Committee Vice-Chair

Date Approved: _____

Date Approved: _____

Office of Sustainability:

Richard Warner, Director, Office of Sustainability

Steve Sonka, Vice-Chancellor for Public Engagement

student sustainability committee
university of illinois at urbana-champaign



Date Approved: _____

Date Approved: _____