Georgia State University
Proposal for the Use of FY 2003 Student Technology Fees

Priority 4

Submitting Organizations:
Major Unit: Division of Distance and Distributed Learning
Department: Multimedia Resources
Contact Person Name: Dr. Carla Relaford, Director
Contact Person Email: relaford@gsu.edu
Contact Person Phone: (404) 651-1778

1. Project Title:
   Providing a streaming video server for the University

2. Total Requested Amounts:

<table>
<thead>
<tr>
<th>Fiscal Year 2002</th>
<th>Years Following Fiscal Year 2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>$14,714.78</td>
<td></td>
</tr>
</tbody>
</table>

3. Executive Summary

Distance and Distributed Learning is acquiring the infrastructure to deliver live or pre-recorded streaming events via the Internet for students. These events will include (but are not limited to) classroom sessions, guest lecturers, dignitaries, proposed commencement ceremonies and sporting events.

4. Project Description

This project fulfills the ability for the university to stream educational events and expand the creation and delivery of course content asynchronously via the Internet. Streaming video technology supplements on-line course delivery, accommodates non-traditional students and students working in collaboration with other students around the world, facilitates research partnerships with other institutions and expands the current content delivery platforms.

A streaming server will be purchased and housed in the Urban Life building in the current control room for Georgia State University video production provided by Multimedia Resources (a unit within Distance & Distributed Learning).

In general, this server will be available for:
- Live Internet Streaming
- Web Site Content Production
- Encoding Services
- Video Collaboration
• Distance Learning
• Healthcare and Tele-medicine
• Potential of Live streaming of the Commencement Exercises
• Live Sports streaming to campus housing facilities
• Live streaming of guest lecturers and dignitaries

This service is not generally available on campus and would be unique in that it would supply live coverage or pre-recorded events. Students would access the streaming videos via any Internet browser across the globe. This system would accommodate all students, including students who are out of the country.

5. Relevance to Regents Guidelines

[1] Technology fee revenues should be used primarily for the direct benefit of students to assist them in meeting the educational objectives of their academic programs.

This proposal benefits all students at Georgia State University by accommodating their dynamic lives. Students will have more flexibility concerning an array of events occurring on campus that can benefit their academic success, especially when circumstances would preclude them from actually being on campus.

[3] Technology fee revenues should be used for hardware and Network related expenditures that include support of general purpose or special purpose laboratories used by students for body productivity and more discipline related activities.

This proposal is for the hardware and software that will provide a streaming server for student use. This server would be made available to all faculty for use in their courses and/or course related activities (that can be accommodated) to improve the availability of information for students on and off campus.

6. Relevance to Strategic Plan

Our proposal directly addresses Georgia State University’s strategic plan. Current students and perspective students will benefit from the higher levels of technology that Georgia State University employs. Providing higher levels of technology to students demonstrates Georgia State University’s commitment to increasing its quality of education.

7. Impact on Students Served

The students we currently have at the University will be retained, again, because of the value we’re placing in their academic pursuits and their continued academic success. This proposal addresses all students at the University and will improve the quality and flexibility of education and community throughout the University.
8. Justification of One-time Funding Requirements

<table>
<thead>
<tr>
<th>Object of Expense</th>
<th>Itemized Descriptions</th>
<th>Quantity</th>
<th>Extended $ Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Osprey-500 DV</td>
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<td>1,999.50</td>
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<tr>
<td>Osprey-500 Breakout Connector Options</td>
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<tr>
<td>Real System Server Plus</td>
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<tr>
<td>Dell Precision Workstation 530</td>
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<tr>
<td>Standard Dell computer specified by IS&amp;T</td>
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<td></td>
<td>1,800.00</td>
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<tr>
<td>Install network ports in control room</td>
<td></td>
<td>3</td>
<td>1,200.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td>14,714.78</td>
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9. Consequences of Partial Funding

State what the consequences would be on the effectiveness and viability of the proposal if it were only funded in FY 2003 at the following percentages of the requested total:

*Only 75% funded:* Streaming video servers and its associated software must be fully implemented (i.e., funded) to be useful as a supplement to course and information delivery.
Only 50% funded: Same as above

10. Standard Dollar Amounts

11. Standard Replacement Thresholds

12. Prerequisite, Non-Technology Fee, Funding

13. Matching Funds

We are offering to match funds in the form of current staff that we have that are already qualified to oversee this endeavor. The current staff at Distance & Distributed Learning as well as Multimedia Resources can implement the server, test and perform maintenance, and act as intermediaries for service requests concerning live video streaming.

14. Staffing and Other Support Availability

The current staff at Distance & Distributed Learning will provide all the support necessary to implement the project and ensure it’s successful use throughout the University.

The current head of Distance & Distributed Learning is Carla Relaford, whose contact information is located above. The current head of Multimedia Resources is Don Howell who can be contacted at howell@gsu.edu or by phoning (404) 651-3334.

15. Space Availability

The room that the server will be housed in will be Urban Life Center Control Room. This room is already being used by Multimedia Resources and is available immediately to house the server.

16. Impact on Facilities

The room will need a three new network connection to accommodate this service.

17. Impact on Computing/Network Infrastructure

The urban Life building infrastructure should be capable of supporting the additional network connections - 10Mbs network connections.

18. Post-Project Assessment Criteria

The success of this project will be measured by the timely implementation of this server and its benchmark as a viable delivery tool for streaming video to students. Development of educational material for this medium will be monitored and benchmarked.
19. Review and Acknowledgements

Attach electronic notes or documentation showing that the following units or administrators have reviewed or acknowledged this proposal:
Dean or functional unit endorsement
Matching funds commitment from appropriate fiscal officer
CBSAC approval, if necessary
University Computing and Communications Services review or acknowledgement, if necessary
Planning and Facilities review or acknowledgement, if necessary