



**NATIONAL LEADERSHIP INSTITUTE'S TOOLKIT 2005  
INFRASTRUCTURE & TECHNOLOGY**

**Various Models of Statewide Networks  
Survey Instrument**

**[A survey to collect information from select states about their network infrastructure]**

**Please attach URLs to all of the below questions that seem appropriate to help you illustrate and further define the answers.**

**I. General Information**

1. Name of state?
2. Do you have a statewide network?
3. If you do not have a statewide network, what other kinds of networks do you have?

\_\_\_\_\_ Regional    \_\_\_\_\_ Local    \_\_\_\_\_ Governmental    \_\_\_\_\_ 2 Year Higher Ed.    \_\_\_\_\_ 4 Year Higher Ed. \_\_\_\_\_  
Libraries \_\_\_\_\_ Other

**IF YOU DO NOT HAVE A STATEWIDE NETWORK, THANK YOU FOR YOUR TIME. THERE ARE NO FUTHER QUESTIONS FOR YOU TO ANSWER.**

4. What is the name of your network?
5. What is the general network technology (e.g., Internet, ITV, ITFS, ETV, etc.)?
6. Who is responsible for the network and the applications which run on it? Identify agency and responsible office/persons, with email addresses and URL's.
7. Who is providing this survey information (survey respondent, including complete contact information)?
8. Who will be responsible for ongoing updates to this information (please include complete contact information)?
9. After this survey is published, to whom should people who want further information or discussion be referred (please include complete contact information)?

## II. Purpose and Uses of the Network

1. What is the general purpose of the network or application? If this is a network application/resource, include a description of the primary services provided (virtual libraries will list the types and titles of databases available to user groups.)
2. What are the primary functions served by the network or the application/resource (e.g. administration, instruction, research)? Estimate % of use for each function.
3. Is this a shared network?
4. Who are the participants?  
 K-12     ESDs     2 Yr Higher Ed     4 Yr Higher Eds  
 Libraries     Tribal Schools     Other ( \_\_\_\_\_ )
4. Who uses the network or application/resource (e.g. major groups, agencies, etc.)? Estimate % of use by each.

4. Characterize in some way the number of users served by the network or application/resource (access points, address space, size of primary population, etc.).
5. What are the major types of use (e.g. voice, data, video)? Estimate % of use for each.
6. What are the drivers for the network?
 

|   |                                     |  |
|---|-------------------------------------|--|
| <input type="checkbox"/> Legislation        | <input type="checkbox"/> ERate      | <input type="checkbox"/> Legal/Financial           |
| <input type="checkbox"/> Partnerships       | <input type="checkbox"/> Equity     | <input type="checkbox"/> Corporate Partners        |
| <input type="checkbox"/> Public Partners    | <input type="checkbox"/> Data Needs | <input type="checkbox"/> Customer Demand           |
| <input type="checkbox"/> Security           | <input type="checkbox"/> HQT Needs  | <input type="checkbox"/> Distributed Computers     |
| <input type="checkbox"/> Student Needs      | <input type="checkbox"/> Costs      | <input type="checkbox"/> Opportunities (geography) |
| <input type="checkbox"/> Local Control      | <input type="checkbox"/> Content    | <input type="checkbox"/> Cross Silo Needs          |
| <input type="checkbox"/> Cost Sharing (ROI) |                                     | <input type="checkbox"/> Politics                  |
| <input type="checkbox"/> PR12 & HE Rules    |                                     |  |

**III. Network Management**

1. Describe how the network or application/resource is managed (i.e. under an existing agency, consortium, vendor contract, other outsource).
2. How are policies decided?

**IV. Network Characteristics**

1. What is the general architecture of the statewide network?
2. Describe the demarcation (i.e. point of separation) between statewide network and local facilities.
3. Describe the telecommunications technologies and capacities deployed, including bandwidths.

4. Briefly describe which network facilities and services are owned by the state, leased, outsourced, etc.
5. Briefly describe the relationship and interfacing of the network to any other networks (e.g. Internet, Internet2, other state or regional networks)
6. Is the network capable of matching video of varying transmission rates?

## **V. Funding/Costs**

1. What are the sources of funding (e.g. state legislature allocation, user budget allocations, grants, and service charges)? Estimate % for each.
2. If users are charged for services, briefly describe the basis and method of charging. (If license agreements are applicable, as they are for many network applications/resources, please describe and indicate how various levels of structured payments by the user or sponsoring agency affect services to these user groups.)
- 3a. Are network/resource access-use charges made to other non-networked government entities or not-for-profit agencies?
- 3b. If so, can the revenue be retained to fund depreciation or enhance services?
4. How are telecommunications carrier services procured?
5. What is the approximate total annual budget for the network or application/resource?

## **VI. Staffing**

1. What is the size of the central support staff?
2. Are support services provided to the user site? **Briefly describe.**
3. What support or operations are outsourced?

4. What support or operations are user sites expected to perform for themselves?

## **VII. Training**

1. What percentage of the total budget is earmarked for training? **Briefly describe the training.**
2. Is there a certification process for training? If so, how is it enforced?

## **VIII. Status and Plans**

1. What new significant improvements or additions have been made in your educational network or application/resource in the last 2-3 years? **Briefly describe.**
2. Does your network or application/resource have a long-range strategic plan that has been approved and will be supported by your top leadership, funding agencies and other constituencies? **If so**, briefly describe. **If not**, briefly describe how your network obtains funding and support for change and advancement.
3. Is there an approved and supported statewide networking plan that includes all statewide or regional educational networks or applications/resources within the state? If so, briefly describe. If not, briefly describe how the various networks relate to each other, if they do.
4. If not already included above, please describe significant changes expected in your network or application/resource in the near future, such as expansion, new technologies, reorganization, or new services.
- 5a. What are the most challenging issues in planning and operating your network or application/resource?
- 5b. Briefly describe any new or innovative approaches being taken to address these issues.

6. What are the lessons learned?