Implement Strategic Collaboration Plan

In FY2008 the SCI team launched the implementation phase of the SCI plan. The SCI implementation required collaboration with leadership teams in every NC LEA, with a large contingent of telecommunications service providers, and with policy makers. As such, the SCI team attended regional and state gatherings of technology directors, technicians, instructional technologists, superintendents, and legislators. During these gatherings SCI team members presented status reports, collected input, and collaborated on logistical issues. The SCI team also managed and supported the meeting of the *Joint Legislative Technology Commissions* in April 2008 – specifically:

- *Business Education Technology Alliance*, chaired by Lieutenant Governor Beverly Perdue
- The *Joint Legislative Information Technology Oversight Commission*, chaired by Representative Joe Tolson and Senator Vernon Malone
- *School Technology Commission*, Chaired by Representative Joe Tolson and Fred Bartholomew.

In addition to our participation in stakeholder gatherings around NC, the team built and maintains an information website that shares general project information, presentations, memoranda, information packets, and frequently asked questions.

Documents and Links
- Joint Legislative Technology Commissions, Future Ready Schools –Learning in a Global Economy
- Joint Ed Oversight Presentation
- August 2008 Technology Directors at DPI
- http://connectivity.fi.ncsu.edu

Future Considerations
DPI and MCNC maintain websites that provide service interfaces to the LEA community for their respective services. The meeting of the Joint Legislative Technology Commissions should be repeated annually. The Friday Institute will maintain an SCI site with archives of SCI planning and year one materials and providing data associated with the technology evaluation work specified in Session Law 2008-107, House Bill 2436 §§ 7.6.(a).

Implement Strategic Organization Plan

The SCI team has developed a set of recommendations related to effective and efficient organization and governance. In short, the DPI Connectivity Lead serves as the advocate for the LEAs, the business officer for the SCI budget, and the policy interface to oversight groups. The DPI Connectivity Lead is accountable to the NC State Board of Education and acts as agent of the SBE in providing required annual reporting to legislative oversight groups.

Operationally speaking, the DPI Connectivity Lead provides and/or oversees services and funding provided to the LEA's. As such the Lead must have structures and process in place to ensure that decisions related to funding distributions, provider relationships, and service definitions represent the will and expectations of the LEA community. The SCI team has provided recommendations for potential advisory structures and process in the operating plan and as part of year-one work.

Documents and Links
Organization and Governance Recommendations

Future Considerations
The DPI organization is going through a significant organizational shuffling and re-definition. These DPI organizational changes should be considered as SCI process and governance are formalized. For instance, the SCI team has relied heavily on the DPI instructional technology consultants and the thinning of that group could have significant impact on SCI process. Further, the addition of an "LEA Council" could provide exactly the kind of LEA-centric advisory structure that SCI program requires.

Implement Strategic Funding Plan

The strategic funding plan tasks include developing contracts for backbone and network consulting services and establishing the LEA connectivity funding distribution process. The SCI team supported the development of scopes of work for network backbone services and for network engineering and support services.

DPI provided FY2008 connectivity distributions to all LEAs in February 2008. The SCI team provided the DPI finance office with allotment amounts for all LEAs that were based on a process vetted by the LEA community. The SCI team developed an SCI MOU packet as part of the distribution process. The MOU packet included:

- An MOU defining the appropriate use and distribution terms
- A letter of agency (LOA) allowing the state to file consortium E-rate documents
- Instructions to provide contract and invoice materials for verification purposes

Documents and Links
- ITS-MCNC Master Agreement
- SOW1
- SOW2
- MOU package
- FY2008 LEA Allocations

Future Considerations
The goal should be to have distributions to LEAs as soon as is practical in the fiscal year. The target is in the October 1 to December 1 window. The primary determining factor is receipt of final disposition notices on all LEA WAN and Internet E-rate filings.
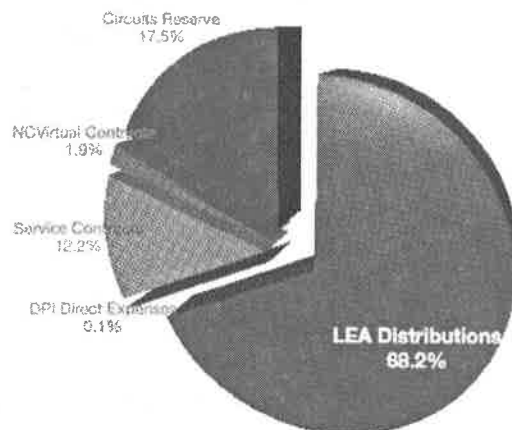
Final Thoughts

Stick to the plan – it has proven to be accurate and realistic. Remember that the plan specifies a 3-year time frame to get to equity of access, where all schools have "sufficient connectivity." The 3-year window allows for deployment time, the expiration of contracts, and the realities of funding and E-rate reimbursement lag. A school is said to have sufficient capacity if:

1. The school is fiber-connected to the LEA WAN with sufficient capacity
2. The LEA WAN provides sufficient Internet capacity
3. The LEA is fiber-connected to the NCREN backbone with sufficient capacity

This is how we spent the $12M from FY2008.

SCI Recurring Funds Distribution Summary

Uses of Funds	Totals
LEA Distributions	$8,174,356.00
DPI Direct Expenses	16,585.00
Service Contracts	1,460,400.00
NCVirtual Contracts	232,000.00
Circuits Reserve	2,098,158.00
Contingency	18,501.00
	12,000,000.00

Circuits Reserve 17.5%
NCVirtual Contracts 1.9%
Service Contracts 12.2%
DPI Direct Expenses 0.1%
LEA Distributions 68.2%

Linked Documents

Document	Description
SCI Implementation and Operating Plan	
SCI Resource Plan	
School Site Info	
ISP Bandwidth Analysis	
Prioritized LEA Exercise	
WNC EdNET connection status 8-28-2008	
Wireless LAN Survey Wilson Hunt	
Wireless LAN AP Placement Map Wilson Hunt	
RRVEC MOU	
WinstonNet USAC Funding Commitment Letter	
Aggregate 2007/2008 Requests	summary of all requests for one-time distributions for FY2008
Madison-Yancey Analysis	sample cash flow analysis for one-time distributions
Mitchell Analysis	sample cash flow analysis for one-time distribution
Backbone connection master	Connectivity options for all LEAs and SCI team recommendations
Backbone connection master for competitive procurement	removes the recommendations from connection master
NCREN RPOP locations	Addresses of NCREN RPOPs for competitive bids
ITS Form 471	E-rate consortium funding request for LEA NCREN connections covered under NC ITS statewide pricing [AT&T, Embarq, Time Warner Cable]
WinstonNet Form 471	E-rate consortium funding request for LEA NCREN connections not covered under NC ITS statewide pricing [DukeNet, Broadplex, TWC]
NCREN Q&A	FAQ explaining the NCREN connection
NCREN routing topologies	Illustrations of routing policy connection options
NCREN LEA Subscription Agreement	NCREN AUP and subscription agreement
DPI RFP 40-E-Rate Bureau	RFP calling for E-rate services bids
E-rate Central RFP Proposal	The winning proposal of E-rate

	Central
NC EdNET Options Memo from E-rate Central	A strategic position paper written by E-rate Central
JLTC Meeting Brochure	Joint legislative meeting from April 2008 Brochure
Joint Ed Oversight presentation	
August 2008 Technology Directors at DPI	
ITS-MCNC Master Agreement	
SOW1 – Connectivity for K12 Schools	
SOW2 – Network Engineering and Support Services	
MOU package	
FY2008 LEA Allocations	