

# Utah Education Network Steering Committee

August 19, 2011



**UTAH EDUCATION NETWORK  
STEERING COMMITTEE**

**A G E N D A**

**AUGUST 19, 2011**

9:00 a.m. -  
10:00 a.m.

**Working Session / Steering Committee**

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Credit Union  
Conference  
Room

- 1. Steering Committee members' discussion of selected topics, particularly the Governance Ad Hoc committee, FY 2012 Strategic Plan and FY 2013 Budget Request.**
- 2. Agenda items and topics for upcoming Steering Committee meetings.**

10:15 a.m. -  
12:00 noon

**Committee of the Whole / Business Meeting**

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Dumke  
Conference  
Room

**Welcome and Introductions**

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## U P C O M I N G M E E T I N G S

**Steering Committee Meeting - October 28, 2011, 9:00 a.m.**

*Please place these materials in your Steering Committee Binder.*

## FY 2012 BUDGET - ACTION

### Issue

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The FY 2012 UEN budget is ready for approval by the UEN Steering Committee at its August 19th meeting.

### Background

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The UEN FY 2012 budget reflects the zeroing out of one-time state appropriations and a slight increase in federal E-Rate reimbursements. In FY 2012, UEN's state appropriations were reduced by \$1.41 million. There were no one-time dollars appropriated to UEN and our State on-going base budget for FY 2012 was reduced by 2%, \$328 thousand, compared to last fiscal year. The UEN state appropriation for FY 2012 will total \$17.08 million.

Detailed information about the FY 2012 budget is provided in Attachment A following this memorandum. The attachment summarizes revenue sources used to fund the budget and expenditures by specific program areas.

### FY 2013 Budget Policy Considerations

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The Steering Committee will be considering budget policy recommendations for the UEN FY 2013 budget over the next several months. These issues include elementary school network connectivity on-going costs, new schools network connectivity associated costs, and content filtering of network services. The FY 2012 budget is based on maintenance of the current funding model. It relies on districts to pay most elementary school ongoing charges, continues our practice of paying for connectivity charges for universities and colleges, high schools, middle schools, and district offices, and anticipates that UEN will pay most filtering costs for public education.

### Recommendation

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It is recommended that the Steering Committee approve the FY 2012 budget (Attachment A).



# TAB 27 ATTACHMENT A FY 2012 BUDGET

**EXPENSE SUMMARY**

DEPARTMENT	BUDGET FY 2011	PROJECTED BUDGET FY 2012	CHANGE	% INC / DEC
<b>ADMINISTRATION</b>	2,697,328	2,174,878	(522,450)	-19.4%
<b>PUBLIC INFORMATION / COMMUNICATIONS</b>	185,000	189,370	4,370	2.4%
<b>TECHNICAL SERVICES</b>				
Operations	16,186,712	16,381,818	195,106	1.2%
Network Operations Center	1,395,519	1,424,721	29,202	2.1%
Network Engineer	649,813	660,803	10,790	1.7%
Field Operations	1,594,396	1,617,921	23,525	1.5%
Application Engineer	620,737	597,948	(22,789)	-3.7%
Technical Service Planning	267,510	271,571	4,061	1.5%
Rapid Development	149,426	151,638	2,212	1.5%
Security	324,369	329,124	4,755	1.5%
Enterprise Applications Support	911,803	869,744	(42,059)	-4.6%
Course Management Systems	1,380,453	1,667,341	286,888	20.8%
NLR/Internet 2	312,000	312,000	-	0.0%
Software Development	644,637	648,368	3,731	0.6%
Technical Services Support Center	1,281,470	1,166,839	(114,631)	-8.9%
Advocates (Dist. Ed. Serv.)	196,225	199,043	2,818	1.4%
Logistics	99,584	49,576	(49,988)	-50.2%
<b>INSTRUCTIONAL SERVICES</b>				
IS Grants	25,168	-	(25,168)	-100.0%
KUEN Programming	586,703	583,953	(2,750)	-0.5%
IS Operations	836,222	822,634	(13,588)	-1.6%
IS Web Resources	638,157	638,157	-	0.0%
IS Professional Development	928,901	928,438	(463)	0.0%
<b>OTHER</b>				
KUEN Broadcast Engineering	519,702	528,459	8,757	1.7%
KUEN DTV Conversion	251,795	135,000	(116,795)	-46.4%
Operations and Maintenance	430,000	430,000	-	0.0%
<b>GRANTS</b>				
BTOP Stimulus Grant	750,000	4,900,000	4,150,000	553.3%
STEM Grant	54,211	-	(54,211)	-100.0%
CPB Mobile DTV & Match	65,000	65,000	-	0.0%
Internet Safety 9E02/10E02/11E02	99,630	172,501	72,871	73.1%
<b>TOTAL EXPENSE</b>	<b>\$ 34,082,451</b>	<b>\$ 37,916,645</b>	<b>\$ 3,834,194</b>	<b>11.25%</b>
<b>TOTAL INCOME</b>	<b>\$ 34,082,451</b>	<b>\$ 37,916,645</b>	<b>\$ 3,834,194</b>	<b>11.25%</b>
<b>BALANCE (INCOME LESS EXPENSE)</b>	<b>\$ -</b>	<b>\$ 0</b>	<b>\$ 0</b>	

**INCOME SUMMARY**

SOURCES OF INCOME	BUDGET FY 2011	PROJECTED BUDGET FY 2012	CHANGE	% INC / DEC
<b>STATE APPROPRIATIONS</b>				
UEN Legislative Funding (On-Going)	17,408,496	17,080,000	(328,496)	-1.9%
UEN Legislative Funding (One-Time)	1,081,800	-	(1,081,800)	-100.0%
<b>INTEREST INCOME</b>				
KUEN	11,500	11,500	-	0.0%
<b>CORPORATION FOR PUBLIC BROADCASTING</b>				
Community Service Grant	2,924,000	2,900,000	(24,000)	-0.8%
<b>KUED DIRECT SUPPORT</b>				
Training & Content	22,530	22,530	-	0.0%
Public Information	16,500	16,500	-	0.0%
<b>GRANT INCOME</b>				
BTOP Stimulus Grant Rnd 1	750,000	4,900,000	4,150,000	553.3%
BTOP Salaries Recovery	-	500,000	500,000	-----
USOE and UIMC	22,530	22,530	-	0.0%
PMI/FMUT Grant	4,400	-	(4,400)	-100.0%
STEM Grant	61,500	-	(61,500)	-100.0%
Distance Service Grant FY12	46,200	47,300	1,100	2.4%
Internet Safety Project SECP 9E02, 10E02 & 11E02	171,000	172,501	1,501	0.9%
State of UT Homeland Security - EBC Video Mngmt System	-	62,500	62,500	-----
CPB FY11 Mobile Handhelds	32,500	-	(32,500)	-100.0%
<b>OTHER INCOME</b>				
CMS REIMBURSEMENT (Blackboard)	267,000	267,000	-	0.0%
Universal Service Fund Discounts	10,869,154	11,000,000	130,846	1.2%
UTIPS	149,426	151,638	2,212	1.5%
Dutch John Rental	4,000	4,500	500	12.5%
ITS Internet Access	120,000	120,000	-	0.0%
Library Internet Access	21,000	21,000	-	0.0%
Idaho State University Internet 1	8,800	-	(8,800)	-100.0%
One-Time Funds	-	529,931	529,931	-----
TSSC - Movi Licenses	27,900	25,000	(2,900)	-10.4%
<b>COMPUTER OPERATIONS</b>				
<b>Enterprise Support</b>				
KUED	29,492	29,492	-	0.0%
KUER	14,387	14,387	-	0.0%
Media Solutions	18,336	18,336	-	0.0%
<b>TOTAL INCOME</b>	<b>34,082,451</b>	<b>37,916,645</b>	<b>3,834,194</b>	<b>11.2%</b>



**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**ADMINISTRATION**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	CSG	OTHER FUNDING SOURCE	BTOP FUNDING	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	1,313,960	1,253,950	465,122	588,828		200,000	1,253,950	(60,010)	-4.6%
Auditor	32,000	32,000		32,000			32,000	-	0.0%
Supplies	42,000	42,000		42,000			42,000	-	0.0%
Phones	91,775	91,775	91,775				91,775	-	0.0%
Professional Development	23,000	23,000		23,000			23,000	-	0.0%
Equipment	9,000	5,000		5,000			5,000	(4,000)	-44.4%
Consultant	1,025	1,000		1,000			1,000	(25)	-2.4%
In-state Travel	1,500	3,000		3,000			3,000	1,500	100.0%
Legal Administration	3,000	5,000		5,000			5,000	2,000	66.7%
Tech Administration	238,977	238,977	238,977				238,977	-	0.0%
Tech Admin. Travel & Prof. Devel.	18,000	18,000	18,000				18,000	-	0.0%
Instructional Services Admin	228,711	235,828	117,814	117,814			235,828	8,917	3.9%
IS Travel & Prof. Devel.	8,000	8,000	8,000				8,000	-	0.0%
Data Center Chiller	490,000	19,188			19,188		19,188	(470,832)	-96.1%
Office of Info. Tech.	198,380	198,380	198,380				198,380	-	0.0%
<b>EXPENSE TOTALS</b>	<b>2,897,328</b>	<b>2,174,878</b>	<b>1,138,068</b>	<b>817,842</b>	<b>19,188</b>	<b>200,000</b>	<b>2,174,878</b>	<b>(622,450)</b>	<b>-19.4%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**PUBLIC INFORMATION/COMMUNICATIONS**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	CSG	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	117,000	121,370	111,672	9,698	121,369.97	4,370	3.7%
Advertising	15,000	15,000	15,000		15,000.00	-	0.0%
Other Print Advertising / Materials	13,000	13,000	13,000		13,000.00	-	0.0%
Professional Development	5,000	5,000	5,000		5,000.00	-	0.0%
In-state Travel	1,000	1,000	1,000		1,000.00	-	0.0%
Equipment	2,000	2,000	2,000		2,000.00	-	0.0%
Supplies	8,000	8,000	8,000		8,000.00	-	0.0%
Non - Broadcast Promotions	16,000	16,000	16,000		16,000.00	-	0.0%
Special Events	8,000	8,000	8,000		8,000.00	-	0.0%
<b>EXPENSE TOTALS</b>	<b>185,000</b>	<b>189,370</b>	<b>179,672</b>	<b>9,698</b>	<b>189,370</b>	<b>4,370</b>	<b>2.4%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**OPERATIONS**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Regional Help Desk Support							
NUES, CUES, SESC, SEDC	244,712	239,818	239,818		239,818	(4,894)	-2.0%
Supplies	5,000	5,000	5,000		5,000	-	0.0%
Internet Access	1,000,000	900,000	240,000	660,000	900,000	(100,000)	-10.0%
Circuit Charges	14,900,000	15,200,000	4,860,000	10,340,000	15,200,000	300,000	2.0%
Statewide Dial-In Network Services	15,000	15,000	15,000		15,000	-	0.0%
Remote Access (Pagers/Cell Phones)	22,000	22,000	22,000		22,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>16,186,712</b>	<b>16,381,818</b>	<b>5,381,818</b>	<b>11,000,000</b>	<b>16,381,818</b>	<b>195,106</b>	<b>1.2%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**NETWORK OPERATIONS CENTER**

BUDGET LINE ITEM	APPROVED BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	472,571	501,773	501,773		501,773	29,202	6.2%
Staff Equipment	6,000	6,000	6,000		6,000	-	0.0%
Professional Development & Out of State Travel	15,000	15,000		15,000	15,000	-	0.0%
Equipment - HUB & End Site Maintenance	362,369	362,369	200,000	162,369	362,369	-	0.0%
Maintenance & Renewals	232,151	232,151	200,000	32,151	232,151	-	0.0%
Network Tools & Monitoring	175,938	175,938	120,000	55,938	175,938	-	0.0%
Network Filtering	110,000	110,000		110,000	110,000	-	0.0%
Supplies	4,000	4,000	3,000	1,000	4,000	-	0.0%
In-State Travel	2,500	2,500		2,500	2,500	-	0.0%
Remote Access (Pagers/Cell Phones)	15,000	15,000	15,000		15,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>1,395,519</b>	<b>1,424,721</b>	<b>1,045,773</b>	<b>378,948</b>	<b>1,424,721</b>	<b>29,202</b>	<b>2.1%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**NETWORK ENGINEERING**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	591,313	602,103	602,103		602,103	10,790	1.8%
In-State Travel	4,000	4,000		4,000	4,000	-	0.0%
Equipment	5,000	5,000	5,000		5,000	-	0.0%
Supplies (Misc. Staff Equip, Lab Support)	1,000	1,000	1,000		1,000	-	0.0%
Professional Development	25,000	25,000		25,000	25,000	-	0.0%
Network Lab	10,000	10,000	-	10,000	10,000	-	0.0%
Remote Access (Pagers/Cell Phones)	13,500	13,500	13,500		13,500	-	0.0%
<b>EXPENSE TOTALS</b>	<b>649,813</b>	<b>660,603</b>	<b>621,603</b>	<b>39,000</b>	<b>660,603</b>	<b>10,790</b>	<b>1.7%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**FIELD OPERATIONS**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	BTOP FUNDING	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	1,029,927	1,053,462	953,462		100,000	1,053,462	23,525	2.3%
CEU Field Staff - San Juan Campus	55,969	55,969	55,969			55,969	-	0.0%
Equipment-Hub & End Site Development	229,382	229,382	150,000	79,382		229,382	-	0.0%
Professional Development	14,000	14,000		14,000		14,000	-	0.0%
In-state Travel (Network Maintenance)	37,500	37,500	37,500			37,500	-	0.0%
Vehicle Maintenance (Gas, Oil and Repair)	46,000	46,000	46,000			46,000	-	0.0%
USU/UEN IVC Virtual / Parts and Supplies	15,000	15,000	15,000			15,000	-	0.0%
New Vehicles	26,618	26,618	26,618			26,618	-	0.0%
Leased Vehicles	20,000	20,000	20,000			20,000	-	0.0%
Contracted Services	5,000	5,000	5,000			5,000	-	0.0%
Supplies	30,000	30,000	15,000	15,000		30,000	-	0.0%
Staff Support Equipment	25,000	25,000	10,000	15,000		25,000	-	0.0%
USU/UEN IVC Virtual Budget/End Site Improvements	50,000	50,000	50,000			50,000	-	0.0%
Equipment Room & Shop	10,000	10,000	10,000			10,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>1,594,396</b>	<b>1,617,921</b>	<b>1,394,639</b>	<b>123,382</b>	<b>100,000</b>	<b>1,617,921</b>	<b>23,525</b>	<b>1.5%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**APPLICATION ENGINEERING**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	BTOP FUNDING	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	545,633	578,248	376,248		200,000	578,248	30,615	5.6%
SEDC - RUS Grant(Subrecipient UEN)	53,404	-				-	(53,404)	-100.0%
Software & Supplies	1,000	1,000	1,000			1,000	-	0.0%
In-State Travel	1,700	1,700	1,700			1,700	-	0.0%
Equipment	6,000	6,000	6,000			6,000	-	0.0%
Supplies (Misc. Staff Equip, Lab Support)	3,000	3,000	3,000			3,000	-	0.0%
Professional Development	10,000	10,000		10,000		10,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>620,737</b>	<b>597,948</b>	<b>387,948</b>	<b>10,000</b>	<b>200,000</b>	<b>597,948</b>	<b>(22,789)</b>	<b>-3.7%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**TECHNICAL SERVICES PLANNING**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	244,700	248,781	248,781		248,781	4,081	1.7%
Staff Equipment	2,000	2,000	2,000		2,000	-	0.0%
Software & Supplies	1,000	1,000	1,000		1,000	-	0.0%
In-State Travel	1,000	1,000		1,000	1,000	-	0.0%
Remote Phone/Pager Access	3,810	3,810	3,810		3,810	-	0.0%
Professional Development	5,000	5,000		5,000	5,000	-	0.0%
Consulting	10,000	10,000		10,000	10,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>287,510</b>	<b>271,571</b>	<b>255,571</b>	<b>16,000</b>	<b>271,571</b>	<b>4,061</b>	<b>1.5%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**RAPID DEVELOPMENT - UTIPS**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	148,426	151,638		151,638	151,638	2,212	1.5%
<b>EXPENSE TOTALS</b>	<b>148,426</b>	<b>151,638</b>	<b>-</b>	<b>151,638</b>	<b>151,638</b>	<b>2,212</b>	<b>1.5%</b>

UTAH EDUCATION NETWORK  
 FY 2012 BUDGET PLANNING  
 SECURITY

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	289,069	273,824	273,824		273,824	4,755	1.8%
Security Projects & Employee Eqult & Software	30,000	30,000	5,000	25,000	30,000	-	0.0%
Staff Equipment	4,000	4,000	4,000		4,000	-	0.0%
Professional Development	3,000	3,000		3,000	3,000	-	0.0%
In State Travel	1,000	1,000		1,000	1,000	-	0.0%
Software Licensing	5,700	5,700	5,700		5,700	-	0.0%
UtahSaint Project - Technical Summit	7,500	7,500	7,500		7,500	-	0.0%
Remote Access (Pagers/Cell Phones)	3,100	3,100	3,100		3,100	-	0.0%
Supplies	1,000	1,000	1,000		1,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>324,369</b>	<b>329,124</b>	<b>300,124</b>	<b>29,000</b>	<b>329,124</b>	<b>4,755</b>	<b>1.5%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**ENTERPRISE APPLICATIONS SUPPORT**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	385,950	343,891	343,891		343,891	(42,059)	-10.9%
Hardware and Hardware Maintenance	283,818	283,818	283,818		283,818	-	0.0%
Software and Software Maintenance	204,620	204,620	204,620		204,620	-	0.0%
Supplies	12,500	12,500	12,500		12,500	-	0.0%
Professional Development	10,000	10,000		10,000	10,000	-	0.0%
Telecomm Costs / Dial-In Equipment	14,915	14,915	14,915		14,915	-	0.0%
<b>EXPENSE TOTALS</b>	<b>911,803</b>	<b>869,744</b>	<b>859,744</b>	<b>10,000</b>	<b>869,744</b>	<b>(42,059)</b>	<b>-4.6%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**COURSE MANAGEMENT SYSTEMS**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	313,128	317,403	317,403		317,403	4,275	1.4%
Hardware and Hardware Maintenance	100,000	294,860	294,860		294,860	194,860	194.9%
Software and Software Maintenance	950,000	1,038,753	771,753	267,000	1,038,753	88,753	9.3%
Professional Development	12,000	11,000		11,000	11,000	(1,000)	-8.3%
Telecomm Costs/ Equipment	4,925	4,925	4,925		4,925	-	0.0%
Supplies	400	400	400		400	-	0.0%
<b>EXPENSE TOTALS</b>	<b>1,380,453</b>	<b>1,667,341</b>	<b>1,389,341</b>	<b>278,000</b>	<b>1,667,341</b>	<b>286,888</b>	<b>20.8%</b>



**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**RESEARCH NETWORK**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
NLR Fee (FRGP Fees & Equipment)	100,000	100,000	-	100,000	100,000	-	0.0%
Internet 2	100,000	100,000	100,000		100,000	-	0.0%
Support for UIT Advanced Internet	50,000	50,000	50,000		50,000	-	0.0%
NLR Local Loop	62,000	62,000	62,000	-	62,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>312,000</b>	<b>312,000</b>	<b>212,000</b>	<b>100,000</b>	<b>312,000</b>	<b>-</b>	<b>0.0%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**SOFTWARE DEVELOPMENT**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	604,137	607,868	607,868		607,868	3,731	0.6%
Software and Software Maintenance	8,000	8,000	8,000		8,000	-	0.0%
Equipment	5,000	5,000	5,000		5,000	-	0.0%
Supplies	2,000	2,000	2,000		2,000	-	0.0%
Professional Development	22,000	22,000		22,000	22,000	-	0.0%
Remote Access (Pagers/Cell Phones)	3,500	3,500	3,500		3,500	-	0.0%
<b>EXPENSE TOTALS</b>	<b>644,637</b>	<b>648,368</b>	<b>626,368</b>	<b>22,000</b>	<b>648,368</b>	<b>3,731</b>	<b>0.6%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**TECHNICAL SERVICE SUPPORT CENTER**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel SLC TSSC	252,351	316,314	316,314		316,314	63,963	25.3%
Personnel USU/UEN TSSC	477,665	324,071	324,071		324,071	(153,594)	-32.2%
Parts & Supplies	4,500	4,500	4,500		4,500	-	0.0%
Equipment	25,000	25,000	25,000		25,000	-	0.0%
Infrastructure/MOVI	25,000	-			-	(25,000)	-100.0%
Service Contracts Codecs/MCU	422,954	440,454	440,454		440,454	17,500	4.1%
Telephone and Support VOC/IP	21,000	21,000	21,000		21,000	-	0.0%
In-state Travel	2,500	2,500	2,500		2,500	-	0.0%
Telephones	8,000	8,000	8,000		8,000	-	0.0%
Professional Development	42,500	25,000		25,000	25,000	(17,500)	-41.2%
<b>EXPENSE TOTALS</b>	<b>1,281,470</b>	<b>1,166,839</b>	<b>1,141,839</b>	<b>25,000</b>	<b>1,166,839</b>	<b>(114,631)</b>	<b>-8.9%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**ADVOCATES**

BUDGET LINE ITEM	APPROVED BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	151,917	154,735	154,735		154,735	2,818	1.9%
Supplies	1,000	1,000	1,000		1,000	-	0.0%
Equipment	2,600	2,600	2,600		2,600	-	0.0%
Wi-Fi data cards	1,440	1,440	1,440		1,440	-	0.0%
Phones	2,088	2,088	2,088		2,088	-	0.0%
Professional Development	6,000	6,000		6,000	6,000	-	0.0%
In-State Travel	12,500	12,500		12,500	12,500	-	0.0%
Regional Planning / Customer Support	18,680	18,680		18,680	18,680	-	0.0%
<b>EXPENSE TOTALS</b>	<b>196,225</b>	<b>199,043</b>	<b>161,863</b>	<b>37,180</b>	<b>199,043</b>	<b>2,818</b>	<b>1.4%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**TSSC LOGISTICS**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	91,402	41,414	41,414		41,414	(49,988)	-54.7%
Equipment & Office Supplies	2,000	2,000	2,000		2,000	-	0.0%
Professional Development	5,662	5,662		5,662	5,662	-	0.0%
In-state Travel	500	500		500	500	-	0.0%
<b>EXPENSE TOTALS</b>	<b>99,564</b>	<b>49,576</b>	<b>43,414</b>	<b>6,162</b>	<b>49,576</b>	<b>(49,988)</b>	<b>-50.2%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**KUEN PROGRAMMING**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	CSG	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
KUEN Program Purchases	389,053	389,053		389,053		389,053	-	0.0%
KUEN On Air	16,500	16,500		16,500		16,500	-	0.0%
NETA Membership	11,800	11,800			11,800	11,800	-	0.0%
Media Storage	13,000	13,000		13,000		13,000	-	0.0%
Dues/Fees, Wiche, PBMA	52,750	46,000		46,000		46,000	(6,750)	-12.8%
Interconnect Dues	118,000	122,000		122,000		122,000	4,000	3.4%
Scheduling Software	5,800	5,800	5,800			5,800	-	0.0%
<b>EXPENSE TOTALS</b>	<b>586,703</b>	<b>583,953</b>	<b>5,800</b>	<b>566,563</b>	<b>11,600</b>	<b>583,953</b>	<b>(2,750)</b>	<b>-0.5%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**IS - OPERATIONS**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	781,952	788,364	758,666	9,698	768,364	(13,588)	-1.7%
Supplies	6,500	6,500	6,500		6,500	-	0.0%
In-State Travel	3,000	3,000		3,000	3,000	-	0.0%
Leased Vehicles	1,770	1,770	1,770		1,770	-	0.0%
Professional Development	20,000	20,000		20,000	20,000	-	0.0%
Equipment	12,000	12,000		12,000	12,000	-	0.0%
Phones/Pagers	9,000	9,000	9,000		9,000	-	0.0%
Program Evaluations	2,000	2,000		2,000	2,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>836,222</b>	<b>822,634</b>	<b>775,936</b>	<b>46,698</b>	<b>822,634</b>	<b>(13,588)</b>	<b>-1.6%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**IS WEB RESOURCES**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	CSG	TOTAL FUNDING	CHANGE	% INC / DEC
Lesson Plans/CORE	20,967	20,967	20,967		20,967	-	0.0%
Web Design & Maintenance	46,737	46,737	6,016	40,721	46,737	-	0.0%
LMS Support	2,000	2,000	2,000		2,000	-	0.0%
Content Forum	1,500	1,500	1,500		1,500	-	0.0%
Digital Media Services	56,710	56,710		56,710	56,710	-	0.0%
Software (Pioneer Committee)	510,243	510,243		510,243	510,243	-	0.0%
<b>EXPENSE TOTALS</b>	<b>638,157</b>	<b>638,157</b>	<b>30,483</b>	<b>607,674</b>	<b>638,157</b>	<b>-</b>	<b>0.0%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**IS PROFESSIONAL DEVELOPMENT**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	OTHER FUNDING SOURCE	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	574,679	579,591	579,591		579,591	4,912	0.9%
Professional Development	20,744	20,744		20,744	20,744	-	0.0%
In-state Travel	6,000	6,000		6,000	6,000	-	0.0%
Leased Vehicles	11,926	11,926		11,926	11,926	-	0.0%
Phones	23,564	23,564	23,564		23,564	-	0.0%
Regional Training Specialists	268,756	263,383	263,383		263,383	(5,375)	-2.0%
Equipment	6,730	6,730	6,730		6,730	-	0.0%
Software	4,500	4,500	4,500		4,500	-	0.0%
Workshop Supplies-Duplications/Mailings	12,000	12,000		12,000	12,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>928,901</b>	<b>926,438</b>	<b>877,768</b>	<b>50,670</b>	<b>928,438</b>	<b>(463)</b>	<b>0.0%</b>



**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**KUEN BROADCAST ENGINEERING**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	CSG	TOTAL FUNDING	CHANGE	% INC / DEC
Personnel	268,496	277,263	277,263	277,263	8,767	3.3%
KUEN Transmitter	29,306	29,306	29,306	29,306	-	0.0%
Service Contracts/Maintenance Agreements	17,379	17,379	17,379	17,379	-	0.0%
Supplies/Repairs/Maintenance	15,000	15,000	15,000	15,000	-	0.0%
Statewide Distribution (KUEN Projects)	30,075	30,075	30,075	30,075	-	0.0%
Statewide Distrib Base Budget (30%)	83,387	83,387	83,387	83,387	-	0.0%
Professional Development	10,000	10,000	10,000	10,000	-	0.0%
Equipment	66,059	66,059	66,059	66,059	-	0.0%
<b>EXPENSE TOTALS</b>	<b>519,702</b>	<b>528,459</b>	<b>528,459</b>	<b>528,459</b>	<b>8,757</b>	<b>1.7%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**KUEN DTV CONVERSION**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	CSG	TOTAL FUNDING	CHANGE	% INC / DEC
DTV Utah Operating Costs	135,000	135,000	135,000	135,000	-	0.0%
DTV Conversion Equipment	29,609	-	-	-	(29,609)	-100.0%
NTIA 2008 Translator KUEN Match	85,515	-	-	-	(85,515)	-100.0%
DDF Rnd 14 Kuen Match	1,671	-	-	-	(1,671)	-100.0%
<b>EXPENSE TOTALS</b>	<b>251,795</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>(116,795)</b>	<b>-46.4%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**MOBILE DTV GRANT MATCH**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	CSG	TOTAL FUNDING	CHANGE	% INC / DEC
KUEN Match MOBILE DTV GRANT	65,000	65,000	65,000	65,000	-	0.0%
<b>EXPENSE TOTALS</b>	<b>65,000</b>	<b>65,000</b>	<b>65,000</b>	<b>65,000</b>	<b>-</b>	<b>0.0%</b>

**UTAH EDUCATION NETWORK**  
**FY 2012 BUDGET PLANNING**  
**OPERATIONS & MAINTENANCE**

BUDGET LINE ITEM	BUDGET FY 2011	PROJECTED BUDGET FY 2012	STATE FUNDS	TOTAL FUNDING	CHANGE	% INC / DEC
<b>Building Maintenance</b>	110,000	110,000	110,000	110,000	-	0.0%
<b>EBC Computer Support</b>	190,000	190,000	190,000	190,000	-	0.0%
<b>U of U Building O &amp; M Expense</b>	130,000	130,000	130,000	130,000	-	0.0%
<b>EXPENSE TOTALS</b>	430,000	430,000	430,000	430,000	-	0.0%

## FY 2013 BUDGET RECOMMENDATIONS - DISCUSSION

### Issue

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The FY 2013 UEN budget priorities are summarized below for the 2012 Utah State Legislative General Session.

### Background

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The Steering Committee will be considering specific budget proposal recommendations for the UEN FY 2013 budget in the October meeting. The top priority is to sustain elementary school connectivity based on our track record with secondary schools. For nearly twenty (20) years, Utah school districts have relied on the UEN to provide broadband connectivity to high schools and middle schools at no cost to the districts. UEN contracts for services with telcos, files for E-Rate reimbursements, and seeks other grant funding. Because of this funding model, Utah's school districts do not have the responsibility for E-Rate filings, contracts, competitive bidding, billing and payments for their high school and middle schools. However, for elementary schools different conditions exist.

UEN and districts have also worked together to connect elementary schools, and funding models vary from district to district. Many districts cover elementary connectivity from their district budgets. Some contract with UEN. Some work directly with telcos. In preliminary talks with districts this summer, several superintendents have agreed that they would be better served if UEN was responsible for their elementary school connectivity. Our first budget priority is based on these discussions with superintendents.

### FY 2013 Budget Policy Considerations

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For UEN to perform its mission and maintain the critical services we provide to our education and state government partners, we ask that the Legislature give consideration to the following budgetary needs.

#### **UEN's First Priority: Sustain Elementary School Connectivity**

To build a sustainable funding plan for elementary school connectivity to the UEN network, UEN is proposing working with school districts and the Legislature to obtain on-going funding. Currently there exists several different funding models supporting elementary school connectivity; the majority of on-going costs are paid for by school districts or local schools.

UEN is collaborating on a legislative proposal with public school district superintendents and the Utah School Boards Association that will allow UEN to pay for elementary school circuit costs; Current estimates on the on-going cost after E-Rate are approximately \$2 million annually. If Utah school districts and the Legislature agree, \$1.7 million of the \$2 million total would be transferred from their budgets to UEN. The remaining \$300,000 would be requested as an on-going legislative appropriation.

Benefits to Districts:

1. Limits the time their staff spends on application submissions, paperwork, and record keeping.
2. Stabilizes elementary school broadband to ensure that all schools have robust connections required for testing, video, conferencing and the other mission-critical communications.
3. Maximizes use of taxpayer dollars, leveraging state funding with the E-Rate funds.
4. Delivers the highest possible bandwidth at the lowest cost.

### **UEN's Second Priority: Fund New School Monthly Connectivity Charges**

The growth of UEN's circuit budget is the result of increased users connecting to the UEN network. Through past annual state appropriations by the Legislature, UEN has met the funding requirements to handle growth in network capacity. However, last year, the Legislature did not fund the \$36,000 annual request for UEN to pay for the on-going circuit costs of new schools built by school districts and new charter schools. In this current year, school districts and charter schools must pay the on-going costs after E-Rate for new circuits to their institutions. School districts and charter schools must also pay the one-time costs associated with new broadband connections.

### **UEN's Third Priority: Supplement Existing Funds to Continue Statewide Filtering Strategies: \$150,000 Of One-Time Funding**

Complying with the Children's Internet Protection Act (CIPA is critical to UEN's continued receipt of over \$11 million Universal Service Fund E-Rate Discount money). To comply with this Federal Law, UEN hosts a statewide Internet filtering application in USOE public and charter schools. Our filtering application restricts access by minors to inappropriate matter on the Internet; provides safety and security of minors using electronic mail, chat rooms, and other forms of direct electronic communications; monitors unauthorized access, or "hacking" and other unlawful activities by minors online. Because of favorable contract negotiations over the past 5 years, the efficiencies generated by a centrally-hosted filtering application and from economies of scale, UEN spends \$100,000 annually to provide for filtering services. This has proven to provide great cost savings to the state. Unfortunately, the software license from our current filtering service provider expires in FY 2012. Implementing the costs of new licensing and technical solutions in the network continues to be a major challenge for UEN and our stakeholders.

UEN requested \$150k last year with the idea that this would replace about a third of existing filtering devices (30 devices @\$100k) and the ability to add another 15 or so devices (\$50k) to take care of expanding needs, charter schools and other sites that

are not aggregated to a district connection or connected directly to a regional service center. UEN did not receive this funding last year and is requesting this again as a priority for UEN stakeholders.

## **Recommendation**

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It is recommended that the Steering Committee review the above priorities and make any recommendations for the FY 2013 UEN budget.



## UEN FY 2012 STRATEGIC PLAN (DRAFT) AND FY 2011 PERFORMANCE REPORT - DISCUSSION

### Issue

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The FY 2011 Performance Report and FY 2012 Strategic Plan draft are presented for discussion.

### Background

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The FY 2011 Performance Report is a new document designed to provide a high level view of UEN's key service audiences, who they serve, and how UEN's services align to the goals of those organizations.

The FY 2012 Strategic Plan summarized planning activities that occurred throughout the Spring and Summer. Members of the UEN Steering Committee and other interested parties met in May for a strategic planning retreat. UEN Staff, and additional regional and service committees also brought forward their strategic initiatives for the coming year to inform the plan.

The FY 2012 Strategic Plan is organized around three UEN service priorities: Infrastructure Improvement, Application Hosting, and Application Support. High level strategic projects are listed under each area, along with key performance metrics. The plan will be reviewed quarterly and adjusted as projects are completed.

### Recommendation

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Members of the Steering Committee are encouraged to review the FY 2011 Performance Report and FY 2012 Strategic Plan and offer their recommendations to UEN staff. A final version of the Strategic Plan will be presented for Committee approval in October.





# TAB 29 ATTACHMENT A

## FY 2012 STRATEGIC PLAN (DRAFT) AND FY 2011 PERFORMANCE REPORT

LAYOUTS FOR WEB AND PRINT

### UEN FY 2012 Strategic Plan (DRAFT)

<b>MISSION:</b>	We network for education.	<b>VALUES:</b>	<b>CARING</b> supporting our co-workers, customers, and community.	<b>LEADERSHIP</b> advancing relationships and encouraging ideas.	<b>INTEGRITY</b> keeping our promises.	<b>COMMUNICATION</b> listening to meet needs.	<b>SERVICE</b> benefiting our partners.
<b>VISION:</b>	To be Utah's most recognized, trusted, and accessible partner for innovation in educational technology.						
KEY OBJECTIVES	INFRASTRUCTURE IMPROVEMENT	APPLICATION HOSTING	APPLICATION SUPPORT				
<b>Initiatives</b>	<ul style="list-style-type: none"> <li>Complete Utah Anchors BTOP project</li> <li>Build metro ring and SE capacity</li> <li>Build data center</li> <li>Plan for IVC replacement cycles</li> <li>Connect new schools &amp; elementaries</li> <li>Conduct RFPs/procurement for WAN</li> <li>Explore feasibility of I2 ION in Utah</li> <li>Pursue additional funding sources</li> <li>Expand digital broadcast translators</li> <li>Coordinate w/national groups, peers</li> <li>Build UEN's capacity as UCAN site</li> </ul>	<ul style="list-style-type: none"> <li>Migrate to web-services architecture</li> <li>Manage Utah Database Alliance grant</li> <li>Apply IPv6 for Outfacing Services</li> <li>Move to centralized authentication</li> <li>Complete core mgmt interface</li> <li>Curate resources for Common Core</li> <li>Add e-commerce to PD registration</li> <li>Develop preschool reading site</li> <li>Create an Apps for Education site</li> <li>Integrate OER Glue and my.UEN</li> <li>Redesign NetSafe Utah website</li> <li>Expand eMedia and PBS LM content</li> <li>Procure &amp; launch web conferencing</li> <li>Program USOE formative testing tool</li> <li>License mission-aligned programming</li> <li>Maintain Pioneer Library databases</li> <li>Increase mobile-friendly tool set</li> <li>Retire BB, migrate to 100% Canvas LMS</li> <li>Build UETS &amp; UELS websites</li> </ul>	<ul style="list-style-type: none"> <li>Administer E-Rate program</li> <li>Implement strategic communication plan</li> <li>Host technical summit &amp; UtahSAINT conf.</li> <li>Expand QuickTicket and Site DB tools</li> <li>Expand online security monitoring</li> <li>Plan for national SC12 conference</li> <li>Support NSF-EPSCoR Utah projects</li> <li>Host T-Forum and C-Forum meetings</li> <li>Train others on UEN tools &amp; services</li> <li>Support UtahFutures project</li> <li>Support USHE Gen Ed courses project</li> <li>Support USHE and K-12 Canvas sites</li> <li>Support CPB transmedia grant, if funded</li> <li>Produce user guides &amp; documents</li> <li>Produce video tutorials on UEN tools</li> <li>Increase online &amp; just-in-time PD</li> <li>Support IVC scheduling processes</li> <li>Leverage social networking tools</li> <li>Engage community w/screenings &amp; events</li> </ul>				
<b>Performance Indicators</b>	<ul style="list-style-type: none"> <li>% of network uptime</li> <li>10GB redundancy in metro area</li> <li>1GB redundancy in Southeast</li> <li>\$ grant funding secured</li> </ul>	<ul style="list-style-type: none"> <li>% grant project goals met</li> <li># IVC events (one-time and recurring)</li> <li># web visits and % growth</li> <li># Pioneer logins and # results returned</li> <li># LMS course sections</li> </ul>	<ul style="list-style-type: none"> <li>% growth in E-Rate reimbursements</li> <li># of workshops and support events</li> <li># of participants</li> <li>% incidents resolved on time</li> <li>% of tools with user documentation</li> </ul>				
<b>GUIDE TO ACRONYMS:</b> BB Blackboard • BTOP Broadband Technology Opportunities Program • CPB Corporation for Public Broadcasting • DB database • E-Rate Universal Service Fund • I2 Internet2 • ION Interoperable On-Demand Network • IPv6 Internet Protocol version 6 • LMS Learning Management System • NSF-EPSCoR National Science Foundation Experimental Program for Stimulating Competitive Research • OER Open Educational Resources • PD Professional Development • PBS LM Public Broadcasting Service Learning Media • RFP Request for Proposals • SC12 International Conference for High Performance Computing, Networking, Storage and Analysis • SE Southeastern • IVC Interactive Video Conferencing • UCAN Universal Community Anchor Network • UELS Utah Educational Teaching Standards • UETS Utah Effective Teaching Standards • USOE Utah State Office of Education • USHE Utah System of Higher Education • UtahSAINT Utah Security Advisory and Incident Network Team • WAN Wide-Area-Network							

## UEN FY 2011 Performance Report

UEN SERVES:	AND ITS:	IN SUPPORT OF THEIR MISSION TO:	BY PROVIDING:	AT THIS LEVEL OF PERFORMANCE:
<b>Utah System of Higher Education</b>	<ul style="list-style-type: none"> <li>173,016 students</li> <li>30,300 faculty (FTE)</li> <li>9 institutions</li> </ul> <i>(USHE Voluntary System of Accountability, Fall 2010)</i>	<ul style="list-style-type: none"> <li>Grow the college-ready pipeline</li> <li>Increase college completion</li> <li>Expand system capacity</li> <li>Advance effective technology</li> <li>Build economic prosperity</li> </ul> <i>(Higher Ed Utah Action Plan 2010)</i>	<ul style="list-style-type: none"> <li>Reliable network</li> <li>Learning Management System</li> <li>Distance education</li> <li>Academic Pioneer Library</li> <li>Research partnerships and infrastructure</li> <li>STEM-focused activities</li> <li>Educational broadcasting</li> </ul>	<ul style="list-style-type: none"> <li>99.89% backbone availability</li> <li>3,171 unique IVC events</li> <li>13,534 recurring IVC events</li> <li>23,435 self-initiated IVC events</li> <li>support for \$30,868,378 in research grant submissions</li> <li>22,136,399 LMS logins</li> <li>1,092,458 LMS assignments</li> <li>696 new Canvas LMS courses</li> </ul>
<b>Utah College of Applied Technology</b>	<ul style="list-style-type: none"> <li>42,524 students</li> <li>16,968 adult trainees</li> <li>1,282 companies</li> <li>8 campuses</li> </ul> <i>(UCAT Annual Report 2010)</i>	<p>Meet the needs of Utah's employers for technically skilled workers by providing market driven technical education to both secondary and adult students.</p> <i>(UCAT Mission Statement 2009)</i>	<ul style="list-style-type: none"> <li>Reliable network</li> <li>Learning Management System</li> <li>Distance education</li> <li>Academic Pioneer Library</li> <li>GED &amp; workplace programs</li> </ul>	<ul style="list-style-type: none"> <li>99.89% backbone availability</li> <li>3,171 unique IVC events</li> <li>\$63,095 licensed workplace programs to 944,060 homes</li> </ul>
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# UEN FY 2012 Strategic Plan (DRAFT)

<p><b>MISSION:</b> We network for education. <b>VISION:</b> To be Utah's most recognized, trusted, and accessible partner for innovation in educational technology.</p>	<p><b>VALUES:</b> <b>CARING</b> supporting our co-workers, customers, and community. <b>LEADERSHIP</b> advancing relationships and encouraging ideas. <b>INTEGRITY</b> keeping our promises.</p>	<p><b>COMMUNICATION</b> listening to meet needs. <b>SERVICE</b> benefiting our partners.</p>
<p><b>KEY OBJECTIVES</b></p>	<p><b>INFRASTRUCTURE IMPROVEMENT</b></p>	<p><b>APPLICATION HOSTING</b></p>
<p><b>Initiatives</b></p> <ul style="list-style-type: none"> <li>• Complete Utah Anchors BTOP project</li> <li>• Build metro ring and SE capacity</li> <li>• Build data center</li> <li>• Plan for IVC replacement cycles</li> <li>• Connect new schools &amp; elementaries</li> <li>• Conduct RFPs/procurement for WAN</li> <li>• Explore feasibility of 12 ION in Utah</li> <li>• Pursue additional funding sources</li> <li>• Expand digital broadcast translators</li> <li>• Coordinate w/national groups, peers</li> <li>• Build UEN's capacity as UCAN site</li> </ul>	<ul style="list-style-type: none"> <li>• Migrate to web-services architecture</li> <li>• Manage Utah Database Alliance grant</li> <li>• Apply IPv6 for Outfacing Services</li> <li>• Move to centralized authentication</li> <li>• Complete core mgmt interface</li> <li>• Curate resources for Common Core</li> <li>• Add e-commerce to PD registration</li> <li>• Develop preschool reading site</li> <li>• Create an Apps for Education site</li> <li>• Integrate OER Glue and myUEN</li> <li>• Redesign NetSite Utah website</li> <li>• Expand eMedia and PBS LM content</li> <li>• Procure &amp; launch web conferencing</li> <li>• Program USOE formative testing tool</li> <li>• License mission-aligned programming</li> <li>• Maintain Pioneer Library databases</li> <li>• Increase mobile-friendly tool set</li> <li>• Retire BB, migrate to 100% Canvas LMS</li> <li>• Build UETS &amp; UELS websites</li> </ul>	<ul style="list-style-type: none"> <li>• Administer E-Rate program</li> <li>• Implement strategic communication plan</li> <li>• Host technical summit &amp; UtahSAINT conf.</li> <li>• Expand QuickTricket and Site DB tools</li> <li>• Expand online security monitoring</li> <li>• Plan for national SC12 conference</li> <li>• Support NSF-EPSCoR Utah projects</li> <li>• Host T-Forum and C-Forum meetings</li> <li>• Train others on UEN tools &amp; services</li> <li>• Support UtahFutures project</li> <li>• Support USHE Gen Ed courses project</li> <li>• Support USHE and K-12 Canvas sites</li> <li>• Support CPB transmedia grant, if funded</li> <li>• Produce user guides &amp; documents</li> <li>• Produce video tutorials on UEN tools</li> <li>• Increase online &amp; just-in-time PD</li> <li>• Support IVC scheduling processes</li> <li>• Leverage social networking tools</li> <li>• Engage community w/screenings &amp; events</li> </ul>
<p><b>Performance Indicators</b></p>	<p>% of network uptime 10GB redundancy in metro area 1GB redundancy in Southeast \$ grant funding secured</p>	<p>% grant project goals met # IVC events (one-time and recurring) # web visits and % growth # Pioneer logins and # results returned # LMS course sections</p>
<p><b>GUIDE TO ACRONYMS:</b> BB Blackboard • BTOP Broadband Technology Opportunities Program • CPB Corporation for Public Broadcasting • DB database • E-Rate Universal Service Fund • I12 Internet2 • ION Interoperable On-Demand Network • IPv6 Internet Protocol version 6 • LMS Learning Management System • NSF-EPSCoR National Science Foundation Experimental Program for Stimulating Competitive Research • OER Open Educational Resources • PD Professional Development • PBS LM Public Broadcasting Service Learning Media • RFP Request for Proposals • SC12 International Conference for High Performance Computing, Networking, Storage and Analysis • SE Southeastern • IVC Interactive Video Conferencing • UCAN Universal Community Anchor Network • UELS Utah Educational Teaching Standards • UETS Utah Effective Teaching Standards • USOE Utah State Office of Education • USHE Utah System of Higher Education • UtahSAINT Utah Security Advisory and Incident Network Team • WAN Wide-Area-Network</p>		

# UEN FY 2011 Performance Report

UEN SERVICES:	AND ITS:	IN SUPPORT OF THEIR MISSION TO:	BY PROVIDING:	AT THIS LEVEL OF PERFORMANCE:
<b>Utah System of Higher Education</b>	<ul style="list-style-type: none"> <li>173,016 students</li> <li>30,300 faculty (FTE)</li> <li>9 institutions</li> </ul> <i>(USHE Voluntary System of Accountability, Fall 2010)</i>	<ul style="list-style-type: none"> <li>Grow the college-ready pipeline</li> <li>Increase college completion</li> <li>Expand system capacity</li> <li>Advance effective technology</li> <li>Build economic prosperity</li> </ul> <i>(Higher Ed Utah Action Plan 2010)</i>	<ul style="list-style-type: none"> <li>Reliable network</li> <li>Learning Management System</li> <li>Distance education</li> <li>Academic Pioneer Library</li> <li>Research partnerships and infrastructure</li> <li>STEM-focused activities</li> <li>Educational broadcasting</li> </ul>	<ul style="list-style-type: none"> <li>99.89% backbone availability</li> <li>3,171 unique IVC events</li> <li>13,534 recurring IVC events</li> <li>23,435 self-initiated IVC events</li> <li>support for \$30,868,378 in research grant submissions</li> <li>22,136,399 LMS logins</li> <li>1,092,458 LMS assignments</li> <li>696 new Canvas LMS courses</li> </ul>
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## STEERING COMMITTEE TERMS AND ROSTER - DISCUSSION

### Issue

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The terms of several members of the UEN Steering Committee expire this summer. The Steering Committee may recommend to the governor that he extend terms and/or suggest new nominees for the Governor's approval.

### Background

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Terms of the following Steering Committee Members expire this summer:

#### Higher Education

- Kenning Arlitsch, representing higher ed librarians
- Steve Corbató, representing higher ed research
- Gary Koeven, representing higher ed admin
- Ronda Menlove, representing higher ed continuing ed admin
- Gail Niklason, representing higher ed admin

#### Public Education

- Clark Baron, representing public charter schools
- Rick Gaisford, representing USOE and public ed technology
- Kim Roper, representing public ed principals
- Kirk Sitterud, representing public ed rural superintendent

### Recommendation

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It is recommended that the co-chairs of the UEN Steering Committee work with a variety of UEN constituents to bring forth suggested nominees and/or suggestions for term extensions, and that this process be expedited so that the steering committee may take action at the next meeting on October 28, 2011.



# TAB 30 ATTACHMENT A

## STEERING COMMITTEE TERMS AND ASSIGNMENTS

	Name	Term Expires	Qualification	Steering Committee Assignment(s)	Title	Organization	Education Community	Phone	email
1	Gary Wixom	ongoing	Commissioner of Higher Ed's office	Co-Chair, Executive Com / Ad Hoc Governance subcom	Assistant Commissioner	Utah State Board of Regents	Higher Ed	(801) 321-7123	gwixom@utahsbr.edu
2	Brenda Hales	ongoing	USOE Associate Superintendent	Co-Chair, Executive Com / Ad Hoc Governance subcom	Associate Superintendent	Utah State Office of Education	Public Ed	(801) 538-7515	Brenda.hales@schools.utah.gov
3	Mike Petersen	ongoing	UEN Executive Director	UEN CEO, Executive Com / Ad Hoc Governance subcom	Executive Director	Utah Education Network	UEN	(801) 581-6991	mpetersen@media.utah.edu
4	Kenning Arlitsch* *on sabbatical, Ann Marie Breznay, proxy for Kenning	7/13/11	Higher Education Librarian	IS subcom	Librarian	Marriott Library, The University of Utah	Higher Ed Library	(801) 581-3852	annmarie.breznay@utah.edu
5	Clark Baron	7/31/11	Charter School Principal	Charter School Representative	Principal	Utah County Academy of Sciences	Public Ed	(801) 863-2222	baronc@ucas.k12.ut.us
			Business Rep						
6	Steve Corbató	7/31/11	Higher Education Research Community	TS subcom	Executive Director, Cyberinfrastructure	The University of Utah	Higher Ed	(801) 585-9464	steve.corbato@utah.edu
7	Jon Crawford	7/31/13	Public Education Technology Directors	TS subcom Co-Chair, Executive Committee	Technical Coordinator	Emery School District	Public Ed	(435) 687-9846	jon@emeryschools.org
8	Eric Denna	ongoing	CIO, USHE & The University of Utah	Ad Hoc Governance subcommittee	CIO, USHE & The University of Utah	CIO, USHE & The University of Utah	Higher Ed	801-581-6180	eric.denna@utah.edu
9	Stephen Fletcher	ongoing	State CIO, State IT Rep	TS subcom / Ad Hoc Governance subcom	Technology Services	Office of the Governor	Governor's Office	(801) 538-1758	sfletcher@utah.gov
10	Rick Gaisford	7/31/11	Public Education Technology Specialist	IS subcom / Executive Committee / Ad Hoc Governance subcom	USOE Specialist	Utah State Office of Education	Public Ed	(801) 538-7798	rick.gaisford@schools.utah.gov

11	Eric Hawley	7/31/13	Utah State University	TS subcom	Associate Vice President of Information	Utah State University	Higher Ed	(435)797-8146	eric.hawley@usu.edu
12	Christine Kearl	ongoing	Governor's Deputy for Education	IS subcom / Ad Hoc Governance subcom	Governor's Deputy for Education	Utah State Capitol Complex	Governor's Office	(801) 538-1686	ckearl@utah.gov
13	Gary Koeven	7/31/11	Higher Education Administrator		Dean of Information Services	Dixie State College of Utah	Higher Ed	(435) 652-7770	koeven@dixie.edu
14	Eric Mantz	7/31/13	Small Rural Colleges	TS subcom	CIO	College of Eastern Utah	Higher Ed	(435) 613-8649	emantz@ceu.edu
15	Kay McCliff	10/31/13	State House of Representatives	IS subcom	State Representative	Utah House of Representatives	Legislature	(435) 896-4461	kaymccliff@utah.gov
			Utah State Senate		State Senator	Utah State Senate	Legislature		
16	Ronda Menlove	7/31/11	Higher Ed Continuing Education Directors	IS subcom / Executive Committee / Ad Hoc Governance subcom	Vice Provost	Reg. Campuses & Dist. Ed. USU	Higher Ed	(435) 760-2618	ronda.menlove@usu.edu
17	Donna Jones Morris	ongoing	State Librarian	IS subcom	State Librarian/Division Director	Utah State Library Division	Public Libraries	(801) 715-6770	dmorris@utah.gov
18	Rachel Murphy	7/31/13	Public Education Teacher Rep	IS subcom	Teacher Representative	Kearns High School, Granite SD	Public Ed	(385) 646-5380	ramurphy@graniteschools.org
19	Gail Niklason	7/31/11	Higher Education Administrator		Director of Online Educ & eLearning	Weber State University	Higher Ed	(801) 626-6091	gniklason@weber.edu
20	Kim Roper	7/31/11	Public Education Principals	IS subcom	Principal, Bonneville Elementary	Alpine School District	Public Ed	(801) 227-8703	rope117@alpine.k12.ut.us
21	Kirk L. Sitterud	7/31/11	Rural Superintendents		Superintendent	Emery School District	Public Ed	(435) 687-9846	kirk@emeryschools.org
22	Glen Taylor	7/31/13	Regional Service Centers Rep	TS subcom / Ad Hoc Governance subcom	Director	Central Utah Educational Services	Regional Service Centers	(435) 896-4469	glen.taylor@cues.k12.ut.us
23	Barry Walker	7/31/13	Urban Superintendent		Superintendent	South Summit School District	Public Ed	(435) 783-4301	bw@summit.org
24	Raymond Walker	7/13/12	Utah Valley University	TS subcom / Executive Committee / Ad Hoc Governance subcom	Vice President of Information	Technology & CIO UVU	Higher Ed	(801) 863-8200	walkerra@uvu.edu
25	Doug Wright	6/20/14	San Juan, Rural Superintendents		Superintendent	San Juan County School District	Public Ed	(435) 678-1200	dwright@sanjuanschools.org



## GOVERNANCE AD HOC COMMITTEE - DISCUSSION

### Issue

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Members of the Governance Ad Hoc Committee will summarize their recent activities.

### Background

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At the Steering Committee meeting in June members formed a small Governance Ad Hoc Committee to explore ways to clarify and refine UEN's governing structure. The Governance Ad Hoc Committee members represent the UEN Executive Committee and additional members as follows: Gary Wixom, Brenda Hales, Ronda Menlove, Christine Kearl, Steve Fletcher, Rick Gaisford, Ray Walker, Eric Denna, and Mike Petersen. Staff support is provided by Laura Hunter and Rich Finlinson. The Committee was tasked with examining ways to strengthen UEN's legislative position, refining the UEN statute, and recommending updates to the UEN bylaws.

A summary of recent activities will be provided by Committee members, and members of the UEN Steering Committee are invited to offer their input.

### Recommendation

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Steering Committee members are encouraged to provide input to the Governance Ad Hoc Committee as they continue their work in the coming months.



## INFRASTRUCTURE IMPROVEMENT - DISCUSSION

### Issue

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This report summarized key activities of the BTOP project that have occurred over the summer. New infrastructure improvements on the digital broadcast system and the launch of Mobile DTV are also presented.

### Background

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#### **BTOP**

UEN is making excellent progress on the Broadband Technologies Opportunities Program (BTOP) project called Utah Anchors. During the second quarter of 2011, The University of Utah/Utah Education Network (UofU/UEN) has been actively working with telecommunication partners on the network buildout, installation and turn up of Community Anchor Institutions (CAIs). By the end of June, UofU/UEN successfully completed the turn up of forty four (44) CAI installations. This exceeds the projected milestone of forty (40) CAI installations. As of this report, UEN has turned up as many as 55 CAIs. Construction work is moving forward on the major segments of fiber installation this summer.

UofU/UEN was assigned a new Federal Program Officer (FPO) at the end of July as Doug Kinkoph has taken on additional responsibilities within NTIA. Janice Wilkins is our new FPO.

#### **BTOP Post-Award Proposal**

UofU/UEN is proposing a route change to address the loss of twenty-five (25) of the original one hundred thirty (130) CAIs in our application that have closed, relocated and connected to fiber through other projects. This will allow the addition of 40 CAIs to the project. UofU/UEN is working closely with our FPO on submitting an Action Award Modification to address this issue. Other activities during this quarter include additional equipment procurement and continued development of information for community outreach purposes. Information about the BTOP project can be found at [www.uen.org/btop](http://www.uen.org/btop).

The Utah State Historic Preservation Office (SHPO) is currently reviewing the post-award modification proposal with the archeological and historical surveys completed by SWCA environmental consultants. After review, if the SHPO concurs with the SWCA report findings, UEN will then submit an award action request to our FPO and the environmental team at NTIA.

## **Mobile DTV**

In July, UEN became Utah's first and only broadcaster to offer Mobile DTV delivery. Using our current network of broadcast transmission that carries digital signals to Utah homes, UEN installed Mobile DTV encoding equipment to deliver live digital content to mobile video devices such as mobile phones, portable media players, laptop computers, personal navigation devices and automobile-based video systems. The service is "in-band" meaning it's provided in the same terrestrial transmission used for our current DTV channels. The service launched with our 24/7 news and global affairs channel MHz Worldview.

Automotive electronics manufacturers Tivizen and RCA are among the first to offer consumer Mobile DTV receive devices, but more are expected to join the market soon.

## **Recommendation**

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This is an information item and requires no further action by the committee.

## APPLICATION HOSTING - DISCUSSION

### Issue

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This report summarized key activities of the Learning Management System (LMS) and Common Core applications.

### Background

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#### **Canvas for Higher Education Institutions**

The first group of pilot courses taught in Canvas hosted by UEN took place over the summer of 2011. As of August 8, 2011, the UEN Canvas instance (*learn.uen.org*) had 696 published courses, with 9,240 enrolled users and 1,047,139 page views within the last month.

UEN and higher education institutions worked with Instructure during the Spring 2011 semester to implement several new integrations and features by May 1, 2011, including the following:

- Live SIS integration with Banner
- Integration with Peoplesoft
- Integration with Wimba Classroom
- Additional media capabilities (Voice e-mail, podcast feeds)
- Direct publishing of quizzes from Respondus 4.0 to Canvas
- Integration with Respondus LockDown Browser
- Crosslisting support via the GUI and SIS imports
- Extended content selective release capabilities
- Additional reports of course statistics

The summer Canvas pilot has gone very well overall, but there were a lot of ideas submitted to Instructure for improvement. UEN institutions collaborated to identify the most important priorities for Instructure to focus on for development. Feedback was solicited from faculty and students participating in pilot courses, as well as Canvas support staff at the institutions. These ideas were voted upon and these are the priorities that were agreed upon by the institutions:

1. Fix content export/import errors
2. Enrollment issues for admins (enroll by SIS userID, should not be case-sensitive)
3. Admin ability to reset a course's content
4. Enhance Wimba features (provide ability to manage Wimba room content)
5. Fix Turnitin issues
6. Re-grade quiz submissions after changing an answer

The transition from Blackboard to Canvas will continue over the next year (Fall 2011, Spring 2012, and Summer 2012). We anticipate that most courses will be offered in Canvas in Spring 2012, with all courses being offered in Canvas by Summer 2012.

### **Canvas for K-12 Institutions**

UEN negotiated discounted group pricing for Canvas for K-12 districts and schools, who purchased licenses for a total of 34,097 students. Instructure is hosting and providing support for Canvas for K-12 schools, but licensing is through UEN on behalf of the K-12 institutions.

The following districts/schools have licensed Canvas through UEN for the 2011-2012 school year:

- Granite School District
- Jordan School District
- Davis School District
- Tooele School District
- Nebo School District
- Park City School District (already licensed Canvas)
- City Academy
- Success Academy

UEN wants to help K-12 schools have a good experience with Canvas. We've set up a weekly Wimba meeting (Thursdays at 3pm) for anyone in the K-12 Canvas community to join in and ask questions or share information. We also have a weekly meeting with Instructure account managers to review the implementation status and issues for each school implementing Canvas.

### **Utah Adopts Common Core State Standards**

Utah is one of over 40 states and territories that have agreed to transition their core standards for English Language Arts and Mathematics to a set of standards common to all states. This "Common Core" initiative is organized and supported by the National Governor's Association (NGA) and the Council of Chief State School Officers (CCSSO).

To accommodate the Common Core State Standards (CCSS) UEN software development and web services staff have completed the following tasks:

- Replaced the two old core databases with a single database
- Rewrote the Core Display application
- Created new web services for the Core Curriculum, Lesson Plans, and Core Links that expose core curriculum, lesson plan, and core link data to any client application in a consistent, reusable, efficient, and predictable way (write once, use anywhere)
- Refactored nine UEN applications (e.g. UEN's Curriculum Search and my.uen Curriculum Resources portlet) to utilize the new web services
- Participated in USOE's Secondary Mathematics Advisory Task Force
- Gathered and posted CCSS resources. ([www.uen.org/commoncore](http://www.uen.org/commoncore))
- Manually added the 11 English Language Arts and 11 Mathematics courses into UEN's new core database and cleaned up existing core data
- Worked with Utah educators and the USOE Specialists to align existing lesson plans and links to the CCSS. (Note: Most districts are only implementing Mathematics Grade 6 and Secondary Mathematics I during the 2011-12 school year)

In the coming months, UEN staff will continue these additional tasks to support Utah implementation of the Common Core State Standards:

- Test and then launch the refactored UEN web applications
- Continue to work with Utah educators and USOE Specialists to gather, develop, and align CCSS curriculum resources

## **Recommendation**

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This is an information item and requires no further action by the committee.





## APPLICATION SUPPORT - DISCUSSION

## Issue

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This report summarizes recent Application Support activities: Strategic Communication Plan, eLearning for Educators, Teaching Channel, and APTS Community Council.

## Background

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### Strategic Communication Plan

Based on stakeholder input, direction from UEN leadership, and professional development training in communication planning; UEN is moving forward to research and write a Strategic Communication Plan.

UEN's communication plan will achieve the greatest influence if it emerges from a proactive, strategic approach that includes measurable objectives, grounded in research and evaluated in terms of the desired results. To foster this approach, the plan is segmented into a four step process:

- **Research** – Systematically gathering information to check assumptions about publics, perceptions and consequences; using a mix of primary/secondary, formal/informal, qualitative/quantitative methods.
- **Analysis/Planning** – Identifying the key goals and the objectives to reach them. Objectives should be specific, measurable, attainable, audience-specific, relevant, results-oriented and time-specific.
- **Communication/Implementation/Execution** – Determining the strategies (such as public engagement and third party endorsement), creating messages (such as “UEN empowers educators to connect, create and collaborate”), and delivering these messages through specific tactics (such as meetings, presentations, ads, direct mail, social media, news releases).
- **Evaluation** – Observing, measuring, surveying, or obtaining feedback to determine how well the communication is actually meeting the objectives and if the goals are met on schedule and within budget.

While the plan is still in an early draft form, some elements are already in play such as the strategy of actively collaborating with education leaders and enlisting their help to communicate UEN's key messages to the legislature. An August snapshot of this approach is shown under Attachment A.

## **eLearning for Educators**

In June Utah was invited to join a consortium of nine public broadcast stations and state departments of education to participate in the next phase of a successful Ready to Teach program called eLearning for Educators. After consulting with public education Steering Committee members, UEN and USOE agreed to join this program. Through the project, Utah will have access to over 240 online professional development courses that have been developed by the following consortium partners:

Nine public broadcasting stations, including Alabama Public Television (APT), Mississippi Public Broadcasting (MPB), WHYH (Delaware and Pennsylvania), Kentucky Educational Television (KET), New Hampshire Public Television (NHPTV), KETC (Missouri), WLVT PBS 39 (Pennsylvania), ETV (South Carolina) and West Virginia Public Broadcasting. APT is the lead organization coordinating the project.

Nine State Departments of Education: Alabama, Delaware, Kentucky, Mississippi, Missouri, New Hampshire, Pennsylvania, South Carolina, and West Virginia. These states are committed to working with public television stations in their regions to build local e-Learning for Educators programs that will serve the teacher quality and professional development needs of each state.

Research for the project was conducted by Education Development Center (EDC) and Boston College's Technology and Assessment Study Collaborative (inTASC). A summary is shown under Attachment B under this tab.

UEN staff are currently participating on online training for the program and will begin to move the courses from their various states and locations to the UEN-hosted Canvas LMS and align them to the new Utah Effective Teaching Standards.

## **Teaching Channel**

This summer the Teaching Channel launched its beta website and will begin to offer broadcast programming that UEN will carry in the fall. Teaching Channel showcases effective and inspiring teaching in public schools across America. Since their "beta launch" in early June, they have reached thousands of teachers in all 50 states. Their mission, which aligns perfectly with UEN's mission, is to improve the outcomes for all students in America. Teaching Channel has been in the works since spring of 2010, with a great deal of preliminary planning coordinated by UEN's partner in public media, WNET. Teaching Channel is a nonprofit and has received seed funding from the Bill and Melinda Gates Foundation and the William and Flora Hewlett Foundation.

UEN has been involved in the early planning stages of this project and reserved bandwidth for the eventual release of a full broadcast program stream. To start the service, one-hour blocks will be on UEN-TV beginning in October on Thursday nights at 8 pm and repeated again on Saturdays at 8 am. The programs are engaging glimpses into school life, effective teaching, and innovative public education.

Committee members can learn more by visiting the Teaching Channel website at <http://www.teachingchannel.org>.

### **APTS Community Council**

UEN participates with other public media stations in the Association of Public Television Stations (APTS) whose purpose is to secure continued federal funding for public television infrastructure and services. This group also provides comment to guide government policies on issues like spectrum reform, funding for rural translators, and other regulatory and service issues.

APTS is forming a new Leadership Council made of lay leaders (non-TV personnel) who offer a powerful constituent message that complements the congressional engagement done by stations and APTS. UEN has been asked to appoint a lay leader to represent UEN on the Leadership Council. This would involve a monthly briefing call and contributing ideas on how to engage elected officials, the news media, and other public television advocates and organizations.

Members of the Steering Committee are invited to volunteer for this position, or email Laura Hunter ([lhunter@uen.org](mailto:lhunter@uen.org)) with the names of colleagues they would recommend.

## **Recommendation**

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This is an information item and requires no further action by the committee.



# TAB 3 ATTACHMENT A

## UEN STRATEGIC COMMUNICATION PLAN

### AUGUST SNAPSHOT

Preliminary Research		Analysis	Communication	Evaluation
<p><b>Infrastructure Improvement</b></p> <p>UEN connects schools, colleges and libraries throughout the state providing high capacity bandwidth to Utah students, educators and institutions at the lowest possible cost. The Network also operates statewide UEN-TV on behalf of higher ed and public ed, broadcasting instructional TV, college telecourses for students, teachers and the general public.</p>	<p>As with water, natural gas or electrical utilites, users expect their data connections to just be there 24/7/365. We need to raise awareness of the great value Utah receives for its investment in UEN.</p>	<p><b>Goal:</b> Receive funding for UEN priorities</p> <p><b>Audiences:</b> Steering Committee Superintendents Legislative Leaders Legislators</p> <p><b>Objectives:</b> specific measurable attainable result-driven time-specific</p>	<p><b>Strategy:</b> Enlist education leaders, such as superintendents, to potentiate the message</p> <p><b>Messages:</b> High bandwidth to greatest # at lowest cost</p> <p><b>Tactics:</b> Face-to-Face Consize Docs Vid - Social Media</p>	<p><b>Budget:</b> Travel Production</p> <p><b>Timeline:</b> Summer/Fall meetings Jan 2012</p> <p><b>Results:</b> Goal met? Appropriation amount? Relationships strengthened? Future glimpsed?</p>
<p><b>Application Hosting</b></p> <p>LMS and library resources save the state millions of dollars. UEN's award-winning web services are recognized by education leaders. Distance Education was the first interactive service UEN offered dating back to analog video conferencing in 1978. Once known as EDNET, IVC now serves more students than ever before, but is invisible to those who don't use the service.</p>	<p>Canvas is just rolling out to colleges. Neither Pioneer Library nor Canvas are co-branded with UEN and thus there is little awareness that UEN is integral in providing these services.</p> <p>Although UEN receives hundreds of thousands of web visits from educators using these resources, only some of our users are vocal champions of these services</p>	<p><b>Goal:</b> Raise awarness of UEN's many roles</p> <p><b>Audiences:</b> UEN Staff Higher Ed Admin Higher Ed Faculty Students</p> <p><b>Objectives:</b> specific measurable attainable result-driven time-specific</p>	<p>Strategy</p> <p>Messages</p> <p>Tactics</p>	<p>Budget</p> <p>Timeline</p> <p>Results</p>
<p><b>Application Support</b></p> <p>UEN trains more than 7,000 Utah each year with face-to-face, online and broadcast courses.</p>	<p>UEN's free professional development provides cost-effective, technology-related training that empowers teachers to use UEN's infrastructure and teach more effectively. This service is not fully recognized as different from other professional development.</p>	<p><b>Goal:</b> Increase teacher awareness of UEN's many critical roles</p> <p><b>Audiences:</b> Teachers Principals District Pro Dev</p> <p><b>Objectives:</b> specific measurable attainable result-driven time-specific</p>	<p>Strategy</p> <p>Messages</p> <p>Tactics</p>	<p>Budget</p> <p>Timeline</p> <p>Results</p>



# TAB 3 ATTACHMENT B

## ELEARNING FOR EDUCATORS PROJECT SUMMARY

### Report: Online Professional Development Improves Teaching and Student Achievement

NEWTON, MA | August 24, 2010

Teachers who took professional development courses online improved their teaching practices and subject knowledge, and produced learning gains for their students. This according to a new study released by e-Learning for Educators, a 10-state consortium funded by the U.S. Department of Education's Ready to Teach program and led by Alabama Public Television. The study, which included 330 teachers and 7,000 students, is the largest set of independent randomized trials conducted on an online professional development program to date.

Conducted by Boston College, the research study included elementary and middle school math and English language arts teachers who participated in three 30-hour online workshops created for their grade level and content area. The workshops—developed by Education Development Center's EdTech Leaders Online (ETLO)—were aligned to national and state standards, and focused on content and pedagogy in the particular subject and grade. Teachers shared ideas, reflections, and practices during the workshops, which included custom video, new research, and technology tools. ETLO also trained the online facilitators who delivered the courses.

"While a growing body of research demonstrates online learning's effectiveness at the college level, very few studies focus on K–12 and track the impact of teacher professional development to student learning," said EDC's Barbara Treacy, director of ETLO. "It's extremely gratifying to see that the online model we've developed leads to such positive results across all states, grade levels, and teacher groups."

E-Learning for Educators builds statewide online professional development programs for teachers based on partnerships between the public television station and the department of education in each state. The consortium includes Alabama, Delaware, Kentucky, Mississippi, Missouri, New Hampshire, Maryland, North Carolina, Pennsylvania, and West Virginia, and is focused on teachers in high-need areas.

"Online courses allow busy teachers to access learning, resources, and colleagues not available locally and at a time that fits with their busy schedules," said Lynne Meeks, e-Learning for Educators project director at Alabama Public Television. "This is particularly important for rural teachers, who make up a large percentage of teachers in the participating states. E-Learning for Educators provides a wonderful opportunity for public television to support departments of education in providing effective, accessible professional development for teachers."

To download the study, go to: <http://go.edc.org/kqku>.

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Education Development Center, Inc. (EDC), is a global nonprofit organization that develops, delivers, and evaluates innovative programs to solve some of the world's most urgent challenges in education, health, and economic development. Visit [www.edc.org](http://www.edc.org). Based at EDC, EdTech Leaders Online (ETLO) works with state departments of education, school districts, colleges and universities, and other educational organizations to enable them to build successful online learning programs for teachers, administrators and students. Over the past 10 years, ETLO has provided online instructor and course developer training, a catalog of online courses in a range of K–12 subject areas and grade levels, online course development, and consulting services for educational organizations in more than 35 states. Visit: <http://edtechleaders.org>.

Boston College's Technology and Assessment Study Collaborative (inTASC) is a not-for-profit research group that works collaboratively with schools, educational institutions, and businesses on research and development related to technology and assessment. Visit: <http://www.bc.edu/research/intasc/>.





## UEN PERFORMANCE REPORT - DISCUSSION

### Issue

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This report provides the UEN Performance Dashboard for August 2011.

### Background

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The UEN Performance Dashboard reports data on the following key service areas:

- Network
- Web Services
- Learning Management System
- Interactive Video Conferencing

Managers for these areas will present highlights during the meeting. Detailed performance data can also be viewed online at <http://www.uen.org/ueninfo/>

### Recommendation

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This is an information item and requires no further action by the committee.

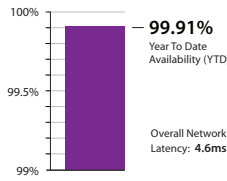
## NETWORK PERFORMANCE METRICS

### Network Backbone Utilization

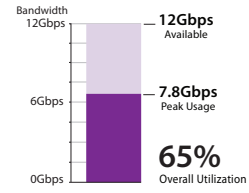
North Ring: 62%    Central Ring: 24%    South Ring: 44%



### Network Backbone Availability



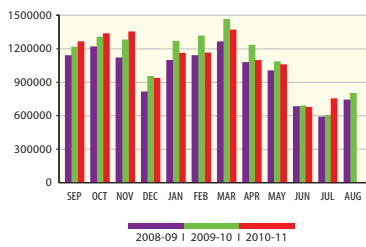
### Internet Utilization Statistics



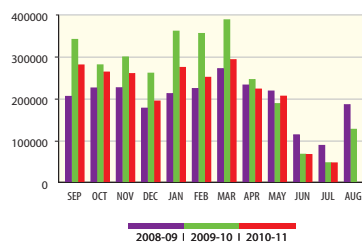
[ JUL 2011 ]

## WEB SERVICES

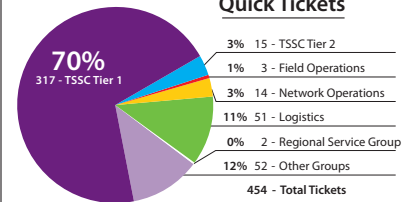
### www.uen.org Visits



### my.uen.org Visits



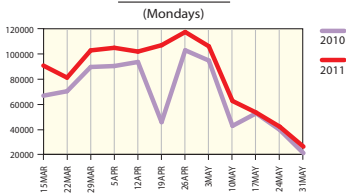
### Quick Tickets



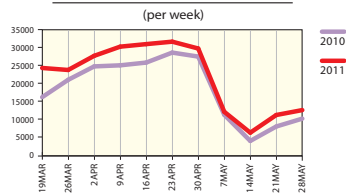
[ JUL 2011 ]

## LMS - LEARNING MANAGEMENT SYSTEM

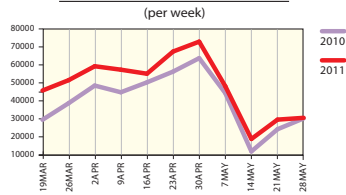
### Total Logins



### Assignments Submitted

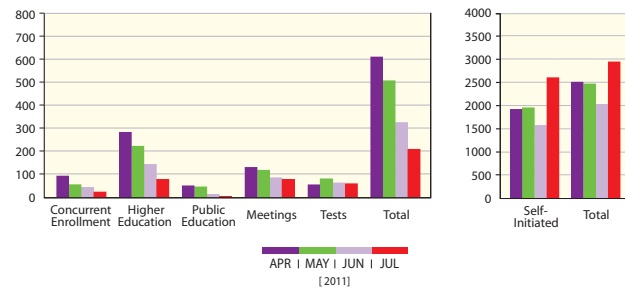


### Assessments Submitted

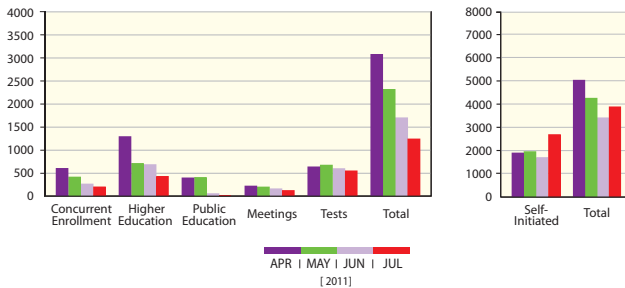


## IVC - INTERACTIVE VIDEO CONFERENCING

### Total Unique Events



### Total Event Recurrences



## STEERING COMMITTEE MEETING MINUTES

### UTAH EDUCATION NETWORK STEERING COMMITTEE

JUNE 10, 2011 – 9:00 a.m.

**Members Present:** Eric Denna, Rick Gaisford, Brenda Hales, Eric Hawley, M. K. Jeppesen, Christine Kearl, Gary Koeven, Eric Mantz, Ronda Menlove, Donna Jones Morris, Rachel Murphy, Gail Niklason, Mike Petersen, Glen Taylor, Barry Walker, Ray Walker.

**Others Present:** Bill Bingham, Charice Black, Lisa Cohne, Rebecca Davis, Jeff Egly, Rich Finlinson, Sheryl Hulmston, Laura Hunter, Lisa Kuhn, Jim Matsumura, Bryan Peterson, Dennis Sampson, Jim Stewart.

### Working Session

#### Welcome and Introductions

Brenda Hales welcomed those attending the Working Session. Members of the subcommittee introduced themselves and discussed their roles. Brenda suggested tours of building for those who have not done so to raise awareness of what UEN does – to gain first hand knowledge in order to communicate UEN’s mission/role effectively. It is critical that the Legislature and other education leaders clearly understand what UEN does and why it is a high priority for public education and higher education.

#### Tab 18 – 2A – Steering Committee Roles

- Laura Hunter noted UEN Statute and Bylaws do not reflect what UEN currently does, and need to be updated.
- Ronda Menlove said the statute needs to be updated with attention to the mission. What is the scope of UEN, what kinds of services and interaction with State government is offered by UEN, who does the Network serve? Invite Speaker Lockhart to visit and tour UEN.
- Eric Denna advised that UEN needs to revisit: (1) Who is being served, (2) What are the services, (3) How are the services measured. Additional consideration: What are the costs? Answers to these questions will provide clarity for the legislature.

- Brenda Hales said people outside of the education community do not know what UEN is. We need to be talking about UEN to get the word out.
- Eric Hawley suggested that the committee take into account all decision-making entities that feed into UEN.

### **Tab 18 – 2A – Steering Committee Meeting Structure**

- A Steering Committee Working Session prior to the Committee of the Whole session is being established with this June meeting subject to evaluation. This Working Session could also be referred to as a Study Session. It is informal and official action will occur in the Committee of the Whole.
- An ad hoc Governance Committee comprised of Executive Steering Committee members will be established to consider Steering Committee restructuring. Details and recommendations will follow. Suggested members of the ad hoc committee are:
  - ◊ Co-Chairs of the Steering Committee: Gary Wixom, Brenda Hales
  - ◊ IS Sub-Committee Chairs: Ronda Menlove, Rick Gaisford
  - ◊ Tech Services Sub Committee Chairs: Jon Crawford, Ray Walker
  - ◊ Others: Mike Petersen, Eric Denna, Laura Hunter, Christine Kearn, Steve Fletcher

**Note: ad hoc Governance Committee scheduled to meet at the USOE Basement, West Conference Room on Thursday, June 16 @1-4pm.**

- The subcommittee will strive to ensure that the Steering Committee has an active role in setting the agenda.
- Ronda said open meeting concept/guidelines need to be considered. John Fellows would be a good resource on open/closed meeting parameters. Mike said closed executive sessions are not necessary. Internet streaming of meetings is required for business meetings but not for study session.

### **Tab 18 – 2D – Steering Committee Roster**

- Several members' terms expire on July 31, 2011. Mike said there are no specific term limits, but two terms the norm.
- Clark Baron is serving as a Charter School representative. Christine will check into possible business representatives.
- Eric Denna said organization field of the roster should indicate both The University of Utah and USHE since he serves as CIO of both entities.
- There is no representative from the Senate. The representative from the House has not attended previous Steering Committee meetings.
- Co-Chairs will work with groups to bring representatives forward for presentation.
- Mike and Rich will update roster.

## **Committee of the Whole**

### **Welcome and Introductions**

Mike Petersen welcomed everyone to the June Steering Committee meeting. Brenda reported on the “Study Session” that was held before the Committee of the Whole with the proposed establishment of ad hoc Governance Committee.

### **Tab 16 – Steering Committee Nominations**

Mike shared with the Steering Committee that with the retirement of Steve Hess and Kay Jeppesen, their successors needed to be nominated. Eric Denna was appointed CIO of The University of Utah and of the State Board of Regents to replace Steve Hess. Utah State University is also going through leadership changes and Eric Hawley has been named USU’s Chief Information Officer and Associate Vice President for Information Technology. To see more detailed background information on both Eric Denna and Eric Hawley, please refer to Tab 16.

**A motion was made and seconded to present M. Kay Jeppesen with a Certificate of Appreciation. THE MOTION CARRIED.**

**A motion was made and seconded to approve the nominations of Eric Denna and Eric Hawley, with final approval by Governor Gary Herbert. THE MOTION CARRIED.**

### **Tab 17 – FY 2012 Budget**

Mike Petersen reported to the Steering Committee the 1.3-4 million funding shortfall within UEN. The elementary school network connectivity charges are an issue along with uneven application and assessment of connectivity costs. There is a need to get everyone on the same page regarding these costs. Eric Denna noted that the Steering Committee did not have all the data it needed for analysis. It was agreed that the new Governance Committee’s work will include analysis and input to guide decisions about funding models.

To see a complete detailed breakout of the FY 2012 Budget, please refer to Tab 17, Attachment A.

### **Tab 18 – Follow-up on UEN Steering Committee Retreat**

Mike Petersen reiterated that there was great participation during the retreat on May 25. Once again, UEN staff would like to thank those committee members and other interested parties who attended this event. There were several action items from the retreat and they are still in draft format. These include but are not limited to the following:

- UEN Budget policy recommendations
- Clarifying Steering Committee roles and responsibilities
- New documents that need to be developed to support advocacy efforts
- Major items from the afternoon breakout sessions

A complete list of action items with more detail can be found in Tab 18.

It was agreed that at the next Steering Committee meeting UEN staff would present drafts of “talking points and a communication plan”.

### **Tab 19 – Clarifying Steering Committee Roles and Responsibilities**

Mike Petersen discussed the need to clarify the roles and responsibilities of Steering Committee Members. An ad hoc governance committee was established during the “working” session of the Steering Committee Executive Members. Their first meeting is scheduled for June 16th at 1:00 p.m., Dolores Doré Eccles Broadcast Center, Credit Union Conference Room.

There is a detailed breakdown of terms and assignments that can be found in Tab 19, Attachment A.

### **Tab 20 – Changes in Qwest Backbone**

Mike Petersen reported that Qwest has recommended the replacement of the Nortel backbone equipment. Newer technology is more efficient and will save costs while also adding more capacity with less equipment. Qwest has selected Tellabs to replace the Optera platform. UEN has worked with Qwest to assess the reliability and functionality of Tellabs equipment. UEN is convinced that upgrading to this equipment will to meet the needs of the network and will also provide additional options as our stakeholder requirements evolve.

**A motion was made and seconded that the Steering Committee agreed that this equipment replacement was a good idea and that UEN move forward with the backbone upgrade. THE MOTION CARRIED.**

### **Tab 21 – Strategic Communication Planning**

Rich Finlinson presented preliminary research and input from the strategic and instructional services retreats. It focused on communication planning, goals, audiences, messaging and emergent channels such as social media. He also presented the brief video “Social Media in Plain English,” and note that UEN’s communication planning will include social media.

### **Tab 22 – Summer Reading Website and Resources**

Laura Hunter reported that UEN has developed a new Web site with activities and resources to encourage summer reading. UEN has also applied for a training grant which included two Title 1 schools.

### **Tab 23 – UEN Performance Report**

Mike Petersen noted that ad hoc committee will provide input to refine Dashboard Reports to make sure the right metrics are being utilized/reported. There will be more information to follow on performance reporting.

### **Tab 24 – UEN Strategic Plan Update**

Mike Petersen reported that a complete copy of the UEN Strategic Plan can be viewed online at <http://www.uen.org/ueninfo/>. This report highlights accomplishments for the FY2011 Fiscal year and the Service Catalog is designed to capture information about the many services offered by UEN using concise language and links to those services where possible. The Service Catalog can be viewed online at [http://www.uen.org/ueninfo/service\\_catalog/index.shtml](http://www.uen.org/ueninfo/service_catalog/index.shtml)

There is a complete detailed list of Accomplishments and Highlights that can be found in Tab 24, Attachment A.

### **Tab 25 – Steering Committee Minutes**

**A motion was made and seconded to approve the minutes as written. THE MOTION CARRIED.**

### **Tab 26 - Other**

The next Steering Committee meeting will be held on August 19, 2011 at 10:30 a.m. at the Dolores Doré Eccles Broadcast Center.

