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*Western Consortium of Idaho, Nevada, and New Mexico*

# Connectivity

Fred Harris, Component Lead



# Year 1 Action Plan

Activity	Task	Who does task	timeline
ID-Upgrade connectivity to key labs and desktops	Formalize a plan for the UI to utilize IRON to access university facilities in southern Idaho	UI and IRON consultant Headed by Dave Lien	Already started Completion goal end of Spring Semester 2010
	Purchase and install networking at state universities	On-Campus IT Group [BSU] [ISU]	Finished by Aug '10
ID-Add IRON POP in Southern Idaho	Planning included with Connectivity	UI and IRON consultant Headed by Dave Lien	Phase 1 Finished by Aug '10
	Collect Baseline Metrics & Begin Collecting new numbers	Campus IT and IRON Dave Lien	Baseline: March 1, 2010 Annual: 9-1-09 to May 15,2010



# Year 1 Action Plan

Activity	Task	Who does task	timeline
NV-Increase connectivity into the state	Purchase and Install Networking HW	Nevada Net	By Aug 2010 (RFP Out)
NV-Increase connectivity within the state	Purchase and Install Networking HW	Nevada Net	By Aug 2010 (RFP Out)
	Collect Baseline Metrics (2 yrs) & begin collecting new numbers	Nevada Net	Baseline: March 1, 2010 Annual: 9-1-09 to May 15,2010

# Year 1 Action Plan

Activity	Task	Who does task	timeline
NM-Establish portals at college campuses	Purchase and Install	NMCAC	By Sept 2010 1/3 already installed. 1/2 are contracted by end of March
NM-Increase portal connectivity		NMCAC	
	Begin collecting usag	NMCAC	Annual: 9-1-09 to May 15,2010

That is what we said  
we were going to do,

What have we gotten done?

# Current Status

Activity	Task	Who does task	timeline
ID-Upgrade connectivity to key labs and desktops	Formalize a plan for the UI to utilize IRON to access university facilities in southern Idaho	UI and IRON consultant Headed by Dave Lien	Completed
	Purchase and install networking at state universities	On-Campus IT Group [BSU] [ISU]	Completed
ID-Add IRON connectivity to, Southern Idaho, Hagerman & Kimberly	Planning included with Connectivity	UI and IRON consultant Headed by Dave Lien	ISU online now. H&K contract out – should be installed this spring
	Collect Usage	Dave Lien	On Going

# Current Status

Activity	Task	Who does task	timeline
NV-Increase connectivity into the state	Purchase and Install Networking HW	Nevada Net	Installed
NV-Increase connectivity within the state	Purchase and Install Networking & Video HW	Nevada Net	Installed
	Collect Baseline Metrics (2 yrs) & begin collecting new numbers	Nevada Net	Baseline Collected, new data being monitored

# Current Status

Activity	Task	Who does task	timeline
NM-Establish portals at college campuses	Purchase and Install (20 done)	NMCAC	Installed
NM-Portal connectivity	Collecting Usage	NMCAC	Usage Data being collected

# What are we going to do next?

# Year 2 Action Plan

Activity	Task	Who does task	timeline
ID-Connectivity	Hagerman & Kimberly Connectivity and then Collect Usage	Dave Lien	Spring 2011 for H&K
NV-Connectivity	Collect Usage	Nevada Net	Usage Data being collected
NM-Portal	Collecting Usage	NMCAC	Usage Data being collected

# Scientific Impact of the Connectivity

- Access to Remote Science Stations



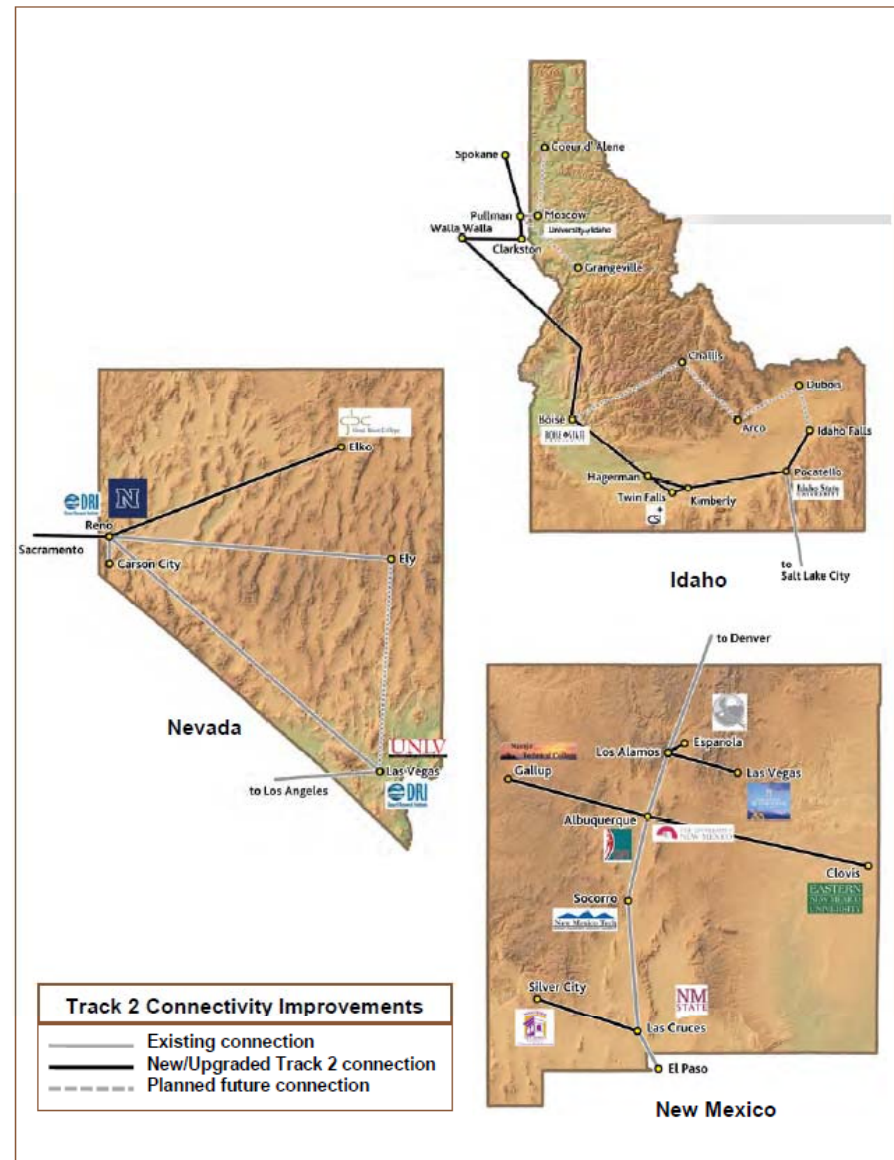
## McCall Outdoor Science School

Getting people outdoors to learn about science, place and community.

- Collaboration Between and Within States
  - 20 NM Portals [including Tribal Colleges]



# Questions?



**Figure 2.** Proposed Track 2 improvements in connectivity and bandwidth, which will promote communication and collaboration within the Western Consortium. In addition to serving the major research universities and state colleges, these improvements will also help connect community colleges, tribal colleges, and minority serving institutions in geographically disadvantaged areas.