

**Network Communications and Connectivity Upgrades****FY2010 Request: \$2,800,000****Reference No: 47041****AP/AL:** Appropriation**Project Type:** Information Technology / Systems / Communication**Category:** General Government**Location:** Statewide**Contact:** Eric Swanson**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-5655**Estimated Project Dates:** 07/01/2009 - 06/30/2012**Brief Summary and Statement of Need:**

Funding is needed to provide necessary enhancements and equipment upgrades for the State of Alaska network to include Datacenter Switch Uplifting, Network Monitoring, WAN Accelerators, and Bandwidth Upgrades.

<b>Funding:</b>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
Gen Fund		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Info Svc	\$2,800,000						\$2,800,000
<b>Total:</b>	<b>\$2,800,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$7,800,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

No prior year funding has been requested for these specific efforts.

**Project Description/Justification:****Problem To Be Solved:**

State agency applications continue to demand increases in bandwidth to meet their business needs for their individual agency missions

**Solution:**

Provide limited increases in Juneau data center bandwidth throughput processing capabilities and limited increases in bandwidth access. This will result in greater response speeds for agency and enterprise applications.

**Benefits:**

Increase processing capabilities of Juneau Data Center and increase bandwidth access between Anchorage, Juneau and Fairbanks without the need to procure additional bandwidth services.

**What We Propose To Buy:**

1. Hardware and services to install data switch uplifting at the Juneau Data Center to allow greater response speeds for agency and enterprise applications \$1,000.0.
2. Hardware and services to install WAN Accelerator applications at selected Anchorage, Juneau,

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and Fairbanks locations \$500.0.

3. Hardware, software and services to provide full centralized 24/7 ETS network, SATS, and data center performance and outage monitoring. \$1,300.0

**Timeline:**

12 months.

**Explanation of How Project Contributes to Your Divisional Mission:**

Continue to provide limited growth of bandwidth and processing infrastructure to support agency applications is in keeping with the ETS mission to support customer agency business needs.

**Explanation of How Project Contributes to End Result:**

This work will improve ETS's ability to meet agency demands for increased bandwidth access and processing with limited infrastructure enhancements.