

**Permanent Fund Dividend Electronic Imaging Server Upgrade**

**FY2003 Request: \$80,000**  
**Reference No: 35813**

**AP/AL:** Appropriation

**Project Type:** Equipment

**Category:** General Government

**Location:** Statewide

**Contact:** Nanci Jones

**House District:** Statewide (HD 1-40)

**Contact Phone:** (907)465-4785

**Estimated Project Dates:** 07/01/2002 - 06/30/2003

**Brief Summary and Statement of Need:**

The Dividend Application Imaging System will be upgraded to facilitate higher productivity, lower 'downtime' due to hardware and software failures, and reduced storage costs.

<b>Funding:</b>	<u>FY2003</u>	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>Total</u>
PFD Fund	\$80,000						\$80,000
<b>Total:</b>	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input 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:**

**Project Description/Justification:**

The Dividend Application & Information System, hereafter referred to as DAIS, is the primary 'mission critical' management tool for the Permanent Fund Dividend Division, hereafter referred to as PFD.

DAIS's primary function is the imaging and indexing of all incoming paper as it relates to the PFD application process. This includes but is not limited to Data Entry, Forms Management, Eligibility Determination, and Review/Appeals Processing.

The Current DAIS is implemented using an N-teir philosophy. The primary database is hosted using Sybase Adaptive Enterprise Server, running on Sun proprietary hardware using the UNIX operating system. Due to the high cost of physical disk storage on this system it was necessary to host the imaging portion of DAIS on an Intel hardware platform using Windows 2000 Advanced Server and the 'lightweight' version of Sybase database server software called 'Adaptive Server Anywhere'.

The client software is a windows application developed using Power Builder v7.0 for windows. Version 1.0 of the client software is currently in full production, and development of Version 2.0 is in high gear.

There are also a number of common components hosted on a 'middle teir'

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component server running Sybase EA Server (Jaguar). These servers are also Intel platforms running Windows 2000 Advanced Server. The current DAIS is highly fragmented across multiple hardware and software platforms, as a result it has multiple points for failure.

Upgrading the system will facilitate the accomplishment of the following:

1. Consolidation of hardware, software, and infrastructure to better promote more efficient management of said system.
2. High availability, (redundant backups) of data services to the client applications.
3. Reduction of administrative and technical points of failure.
4. Unlimited expandability, at a much lower cost than the present system, due to the nature of the new hardware and software.
5. Reduction of impact on the Department of Revenue resources as well as the elimination of impact on PFD by other department entities.
6. Increased capabilities for storage (no more disk space problems)

The cost of \$80.0 is based on a July 2001 quote from the state computer contractor, and includes costs for hardware, software, and maintenance.