

JAN 19 2007

A BILL FOR AN ACT

RELATING TO TECHNOLOGY.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. Government operations are increasingly
2 dependent on reliable information processing and
3 telecommunication services as more of the State's services
4 become automated. Any major breakdown or interruption of
5 information processing and telecommunication services would
6 severely impact the ability of state agencies to continue their
7 business operations and serve the public. The State's
8 information processing and telecommunications networks and
9 support infrastructure are mission-critical state resources that
10 require a far higher level of contingency planning, emergency
11 preparedness, and disaster prevention to assure that services
12 will not be disrupted by natural disasters or terrorist
13 activities.

14 The October 2006 earthquakes that shook the islands of
15 Hawaii would have been devastating to the State's automated
16 information processing and telecommunications services if the
17 needs placed upon the information and communication services



1 division's current back-up generator exceeded its capacity. The
2 fact that the news of Hawaii's massive earthquake, power outage,
3 and blackout was instantaneously transmitted around the world
4 while people in the State waited for hours to learn what had
5 happened and the steps being taken to restore power safely
6 resulted in a public outcry for a public utilities commission
7 investigation and the prevention of future blackouts.
8 Hawaii's status as a premier travel destination and the
9 likelihood of ongoing international security threats only
10 underscore the importance of Hawaii pursuing its own disaster
11 preparedness strategies. The State lags far behind in
12 establishing a disaster recovery/business continuity program,
13 including a data center recovery site and a business continuity
14 plan that specifies the policies and processes to activate and
15 operate the recovery site.

16 The Gartner Group documented the urgency of Hawaii's needs
17 in a study entitled, *State of Hawaii Assessment of Central Data*
18 *Center Business Continuity and Disaster Recovery Strategies,*
19 *19 December 2005,* conducted in accordance with a proviso in
20 section 78 of Act 178, Session Laws of Hawaii 2005. The Gartner
21 Group noted that the State is in a critical and precarious
22 environment without access to an alternate data processing



1 service when the central data center is out of service. If the
2 central data center is inoperable, the State will experience an
3 extended disruption of its ability to continue and restore its
4 daily business processes after a disaster or other disruptive
5 event. State agencies will be unable to pay over sixty thousand
6 state employees and contractors, process welfare checks to over
7 ten thousand recipients, provide health related services or
8 otherwise procure, regulate, or undertake a wide variety of
9 services to the public that are now provided by telephone, over
10 the Internet, or even through face to face transactions. The
11 State would not be able to perform financial transactions, nor
12 would the State be able to ensure continuity of health and
13 safety services without operational computers and networks.

14 Based on the analysis of the strategies available to the
15 State, the State's most viable strategy is to immediately
16 acquire the capability to recover and restore its information
17 processing and telecommunication services if these services are
18 disrupted by a natural disaster or malicious activity. The
19 State should concurrently work on the implementation of an
20 interim alternate data center site equipped with sufficient
21 processing capability, alternate plans and means of network
22 connectivity, business continuity plans to ensure the timely



1 restoration of public services, especially those related to
2 health and public safety, and the development of a solution for
3 a permanent alternate data center site.

4 The purpose of this Act is to appropriate funds to the
5 information processing services program to implement an interim
6 alternate data center to restore information processing and
7 telecommunication service in the event of natural disasters or
8 other public safety disasters, and a business plan for its
9 implementation.

10 SECTION 2. There is appropriated out of the general
11 revenues of the State of Hawaii the sum of \$2,710,000, or so
12 much thereof as may be necessary for fiscal year 2007-2008, for
13 the information processing services program to implement an
14 interim alternate data center site and a business continuity
15 plan, while a solution for a permanent alternate data center
16 site is developed.

17 The sum appropriated shall be expended by the department of
18 accounting and general services for the purposes of this Act.

19 SECTION 3. This Act shall take effect on July 1, 2007.
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Report Title:

Technology; Appropriation

Description:

Makes an appropriation for an interim alternate data center site and a business plan for its implementation.

