
A BILL FOR AN ACT

RELATING TO ELECTRONIC INFORMATION TECHNOLOGY ACCESSIBILITY.

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

1 SECTION 1. The legislature finds that the advent of the
2 information age has brought rapid replacement of conventional
3 printed communications with electronic information technology in
4 employment, education, and receipt of services. State entities
5 are making great progress, but the implementation of new
6 technologies and procedures is not consistently or cost-
7 effectively made accessible to individuals with disabilities.

8 The legislature further finds that equal access to
9 electronic information technology is essential for all citizens
10 to participate and benefit equally in all programs and services.
11 Electronic information technology developed, purchased, or
12 provided by the State should be equally accessible to and usable
13 by individuals with disabilities. Cost-effective techniques and
14 products exist to make electronic information technology
15 accessible to individuals with disabilities by proactively
16 addressing accessibility at the time of planning, designing,
17 developing, and procuring electronic information technology.



1 The purpose of this Act is to require the office of
2 enterprise technology services to develop, publish, and
3 periodically update electronic information technology disability
4 access standards.

5 SECTION 2. Chapter 27, Hawaii Revised Statutes, is amended
6 by adding a new section to part VII to be appropriately
7 designated and to read as follows:

8 "§27- Hawaii Electronic Information Technology
9 Disability Access Standards; development; review and updates.

10 (a) The office of enterprise technology services shall develop,
11 publish, and periodically update accessibility standards, to be
12 known as the "Hawaii Electronic Information Technology
13 Disability Access Standards," to be used and implemented by all
14 state entities.

15 (b) The chief information officer, in consultation with
16 the disability and communication access board, shall convene a
17 working group with representation from appropriate state
18 entities, stakeholders, and other appropriate individuals and
19 officials to review the accessibility standards every three
20 years and update them as necessary. Within six months of any
21 published updated accessibility standards, each state entity



1 shall review the updated accessibility standards and make
2 revisions to existing procurement or development rules,
3 policies, and procedures under its control to incorporate the
4 updated standards.

5 (c) The accessibility standards shall:

6 (1) Be consistent with standards issued by the United
7 States Access Board in the implementation of section
8 508 of the Rehabilitation Act of 1973, as amended;

9 (2) Be consistent with the web content accessibility
10 guidelines of the W3C Web Accessibility Initiative;
11 and

12 (3) Apply to electronic information technology developed
13 or procured by a state entity, or to substantial
14 modifications made to electronic information
15 technology by a state entity.

16 (d) The accessibility standards shall address, at minimum,
17 the following:

18 (1) Functional performance criteria and technical
19 requirements for accessibility standards;

20 (2) Recommendations for state procurement to ensure
21 compliance with accessibility standards; and



1 (3) Recommendations for planning, reporting, monitoring,
2 and enforcement of the accessibility standards by
3 state entities.

4 (e) The accessibility standards shall not require the
5 installation of specific accessibility-related software or
6 peripheral devices at a workstation of an employee who is not an
7 individual with a disability; provided that the workstation
8 technology is compatible with accessibility-related software or
9 peripheral devices needed by an individual with a disability
10 when using the technology.

11 (f) As used in this section:

12 "Accessibility" means the ability of an individual with a
13 disability to receive, use, and manipulate data and operate
14 controls included in electronic information technology in a
15 manner equivalent to that of individuals who do not have
16 disabilities.

17 "Electronic information technology" means electronic
18 information, software, systems, and equipment used in the
19 creation, manipulation, storage, display, or transmission of
20 data, including internet and intranet systems, websites and
21 interfaces, software applications, operating systems, video and



1 multimedia, telecommunications products, kiosks, information
2 transaction machines, copiers, printers, and desktop and
3 portable computers.

4 "Individual with a disability" means an individual with
5 impairments that limit their ability to use electronic
6 information technology, including an individual who is blind or
7 has low vision, an individual who is deaf or hard of hearing, an
8 individual who has limited or no use of their hands, or an
9 individual who has other similar impairments.

10 "State entity" means the executive, legislative, and
11 judicial branches of the State, including their departments,
12 divisions, agencies, and offices; public bodies; public
13 elementary, secondary, and postsecondary schools; and the
14 University of Hawaii."

15 SECTION 3. Section 27-43, Hawaii Revised Statutes, is
16 amended by amending subsection (a) to read as follows:

17 "(a) There is established within the department of
18 accounting and general services the office of enterprise
19 technology services, which shall be headed by a full-time chief
20 information officer to organize, manage, and oversee statewide
21 information technology governance. The chief information



1 officer shall be appointed by the governor as provided in
2 section 26-34. The chief information officer shall report
3 directly to the governor and shall:

- 4 (1) Develop, implement, and manage statewide information
5 technology governance;
- 6 (2) Develop, implement, and manage the state information
7 technology strategic plans;
- 8 (3) Develop and implement statewide technology
9 standards~~[+]~~, including the Hawaii Electronic
10 Information Technology Disability Access Standards
11 pursuant to section 27- ;
- 12 (4) Work with each executive branch department and agency
13 to develop and maintain its respective multi-year
14 information technology strategic and tactical plans
15 and road maps that are part of the State's overall
16 information technology strategic plans, road maps, and
17 directions;
- 18 (5) Coordinate each executive branch department and
19 agency's information technology budget request,
20 forecast, and procurement purchase to ensure
21 compliance with the department or agency's strategic



- 1 plan and road map and with the office of enterprise
2 technology services' information technology governance
3 processes and enterprise architecture policies and
4 standards, including policies and standards for
5 systems, services, hardware, software, and security
6 management;
- 7 (6) Report annually to the governor and the legislature on
8 the status and implementation of the state information
9 technology strategic plan;
- 10 (7) Update the state information technology strategic plan
11 every four years;
- 12 (8) Perform other necessary or desirable functions to
13 facilitate the intent of this section;
- 14 (9) Employ persons exempt from chapters 76 and 89;
- 15 (10) Provide centralized computer information management
16 and processing services, coordination in the use of
17 all information processing equipment, software,
18 facilities, and services in the executive branch of
19 the State, and consultation and support services in
20 the use of information processing and management



1 technologies to improve the efficiency, effectiveness,
2 and productivity of state government programs;

3 (11) Establish, coordinate, and manage a program to provide
4 a means for public access to public information and
5 develop and operate an information network in
6 conjunction with overall plans for establishing a
7 communication backbone for state government; and

8 (12) Adopt rules, pursuant to chapter 91, necessary for the
9 purposes of this part."

10 SECTION 4. (a) By January 1, 2023, the office of
11 enterprise technology services shall develop and publish the
12 Hawaii Electronic Information Technology Disability Access
13 Standards established pursuant to section 27- , Hawaii Revised
14 Statutes, to be used and implemented by all state entities.

15 (b) By July 1, 2023, each state entity shall review the
16 Hawaii Electronic Information Technology Disability Access
17 Standards and make revisions to existing procurement or
18 development rules, policies, and procedures under its control to
19 incorporate the standards.

20 SECTION 5. Statutory material to be repealed is bracketed
21 and stricken. New statutory material is underscored.



1 SECTION 6. This Act shall take effect on July 1, 2060.

2



H.B. NO. 1419
H.D. 1

Report Title:

Electronic Information Technology; Disability Access; Office of Enterprise Technology Services; Hawaii Electronic Information Technology Disability Access Standards

Description:

Requires the office of enterprise technology services to develop, publish, and periodically update electronic information technology disability access standards to be implemented by state entities. Effective 7/1/2060. (HD1)

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

