

HOUSE BILL 1088

P2

(8lr2763)

ENROLLED BILL

— *Health and Government Operations/Education, Health, and Environmental Affairs* —

Introduced by Delegates Cullison ~~and Rosenberg~~, Rosenberg, Pendergrass, Bromwell, Angel, Barron, Hayes, Hill, Kelly, Kipke, Krebs, McDonough, Metzgar, Miele, Morales, Morgan, Pena-Melnyk, Platt, Saab, Sample-Hughes, Szeliga, West, and K. Young

Read and Examined by Proofreaders:

Proofreader.

Proofreader.

Sealed with the Great Seal and presented to the Governor, for his approval this

_____ day of _____ at _____ o'clock, _____ M.

Speaker.

CHAPTER _____

1 AN ACT concerning

2 State Procurement – Information Technology – Nonvisual Access

3 FOR the purpose of requiring the Secretary of Information Technology, or the Secretary's
4 designee, on or before a certain date, to develop a provision for inclusion in all State
5 ~~procurement contracts that requires a certain determination to be made within a~~
6 ~~certain period of time; requiring the Secretary, or the Secretary's designee, to notify~~
7 ~~a certain vendor under certain circumstances; providing that a certain vendor may~~
8 ~~be subject to a certain civil penalty under certain circumstances; requiring a certain~~
9 ~~vendor that is found in violation of a certain requirement to indemnify the State from~~
10 ~~liability under certain circumstances;~~ adopt new nonvisual access procurement
11 standards that provide certain individuals with certain nonvisual access and are

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike out~~ indicates matter stricken from the bill by amendment or deleted from the law by amendment.

Italics indicate opposite chamber/conference committee amendments.



1 consistent with certain federal standards; requiring the Secretary, or the Secretary's
 2 designee, on or before a certain date, to establish a certain process for determining
 3 whether certain information technology meets certain standards and enforcing
 4 certain provisions of this Act; requiring, on or after a certain date, a certain nonvisual
 5 access clause to include a certain statement; requiring a certain nonvisual access
 6 clause to be included in each invitation for bids or request for proposals in each
 7 renewal of a certain contract under certain circumstances; altering a certain
 8 exemption from the nonvisual access clause requirement; altering a certain exemption
 9 from the nonvisual access clause requirement; ~~requiring the Department of~~
 10 ~~Information Technology, on or before a certain date, to adopt new nonvisual access~~
 11 ~~procurement standards that provide certain individuals with certain nonvisual~~
 12 ~~access and that are consistent with certain federal standards;~~ altering a certain
 13 definition; and generally relating to information technology and nonvisual access.

14 BY repealing and reenacting, with amendments,
 15 Article – State Finance and Procurement
 16 Section 3A–301, 3A–303, and 3A–311
 17 Annotated Code of Maryland
 18 (2015 Replacement Volume and 2017 Supplement)

19 ~~BY adding to~~
 20 ~~Article – State Finance and Procurement~~
 21 ~~Section 3A–303.1~~
 22 ~~Annotated Code of Maryland~~
 23 ~~(2015 Replacement Volume and 2017 Supplement)~~

24 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
 25 That the Laws of Maryland read as follows:

26 **Article – State Finance and Procurement**

27 3A–301.

28 (a) In this subtitle the following words have the meanings indicated.

29 (b) (1) “Development” means all expenditures for a new information
 30 technology system or an enhancement to an existing system including system:

31 (i) planning;

32 (ii) procurement;

33 (iii) creation;

34 (iv) installation;

35 (v) testing; and

1 (vi) initial training.

2 (2) “Development” does not include:

3 (i) ongoing operating costs, software or hardware maintenance,
4 routine upgrades, or modifications that merely allow for a continuation of the existing level
5 of functionality; or

6 (ii) expenditures made after a new or enhanced system has been
7 legally accepted by the user and is being used for the business process for which it was
8 intended.

9 (c) “Fund” means the Major Information Technology Development Project Fund.

10 (d) “Information technology” means all electronic information processing
11 hardware and software, including:

12 (1) maintenance;

13 (2) telecommunications; and

14 (3) associated consulting services.

15 (e) “Information technology services” means information provided by electronic
16 means by or on behalf of a unit of State government.

17 (f) “Major information technology development project” means any information
18 technology development project that meets one or more of the following criteria:

19 (1) the estimated total cost of development equals or exceeds \$1,000,000;

20 (2) the project is undertaken to support a critical business function
21 associated with the public health, education, safety, or financial well-being of the citizens
22 of Maryland; or

23 (3) the Secretary determines that the project requires the special attention
24 and consideration given to a major information technology development project due to:

25 (i) the significance of the project’s potential benefits or risks;

26 (ii) the impact of the project on the public or local governments;

27 (iii) the public visibility of the project; or

28 (iv) other reasons as determined by the Secretary.

1 (g) “Master plan” means the statewide information technology master plan.

2 (h) “Nonvisual access” means the ability, through keyboard control, synthesized
 3 speech, Braille, or other methods not requiring sight, to receive, use, and manipulate
 4 information and operate controls necessary to access information technology ~~IN A WAY~~
 5 ~~THAT IS FULLY AND EQUALLY ACCESSIBLE TO AND INDEPENDENTLY USABLE BY~~
 6 ~~INDIVIDUALS WITH DISABILITIES SO THAT INDIVIDUALS WITH DISABILITIES ARE~~
 7 ~~ABLE TO ACQUIRE THE SAME INFORMATION, ENGAGE IN THE SAME INTERACTIONS,~~
 8 ~~AND ENJOY THE SAME SERVICES AS USERS WITHOUT DISABILITIES, WITH~~
 9 ~~SUBSTANTIALLY EQUIVALENT EASE OF USE, USING THE STANDARDS OF § 508 OF THE~~
 10 ~~FEDERAL REHABILITATION ACT OF 1973 IN ACCORDANCE WITH STANDARDS~~
 11 ~~ADOPTED UNDER § 3A-311(C) § 3A-303(B) OF THIS SUBTITLE.~~

12 (i) “Resource sharing” means the utilization of a State resource by private
 13 industry in exchange for the provision to the State of a communication service or other
 14 consideration.

15 (j) “Systems development life cycle plan” means a plan that defines all actions,
 16 functions, or activities to be performed by a unit of State government in the definition,
 17 planning, acquisition, development, testing, implementation, operation, enhancement, and
 18 modification of information technology systems.

19 3A-303.

20 **(A)** The Secretary is responsible for carrying out the following duties:

21 (1) developing, maintaining, revising, and enforcing information
 22 technology policies, procedures, and standards;

23 (2) providing technical assistance, advice, and recommendations to the
 24 Governor and any unit of State government concerning information technology matters;

25 (3) reviewing the annual project plan for each unit of State government to
 26 make information and services available to the public over the Internet;

27 (4) developing and maintaining a statewide information technology master
 28 plan that will:

29 (i) be the basis for the management and direction of information
 30 technology within the Executive Branch of State government;

31 (ii) include all aspects of State information technology including
 32 telecommunications, data processing, and information management;

33 (iii) consider interstate transfers as a result of federal legislation and
 34 regulation;

1 (iv) work jointly with the Secretary of Budget and Management to
2 ensure that information technology plans and budgets are consistent;

3 (v) ensure that State information technology plans, policies, and
4 standards are consistent with State goals, objectives, and resources, and represent a
5 long-range vision for using information technology to improve the overall effectiveness of
6 State government; and

7 (vi) include standards to assure nonvisual access to the information
8 and services made available to the public over the Internet; ~~and~~

9 (5) adopting by regulation and enforcing nonvisual access standards to be
10 used in the procurement of information technology services by or on behalf of units of State
11 government IN ACCORDANCE WITH SUBSECTION (B) OF THIS SECTION.; ~~AND~~

12 ~~(6) DEVELOPING THE PROVISION REQUIRED UNDER § 3A-303.1 OF~~
13 ~~THIS SUBTITLE.~~

14 ~~3A-303.1.~~

15 (B) ON OR BEFORE JANUARY 1, 2020, THE SECRETARY OR THE
16 SECRETARY'S DESIGNEE SHALL:

17 (1) ADOPT NEW NONVISUAL ACCESS PROCUREMENT STANDARDS
18 THAT:

19 (I) PROVIDE AN INDIVIDUAL WITH DISABILITIES WITH
20 NONVISUAL ACCESS IN A WAY THAT IS FULLY AND EQUALLY ACCESSIBLE TO AND
21 INDEPENDENTLY USABLE BY THE INDIVIDUAL WITH DISABILITIES SO THAT THE
22 INDIVIDUAL IS ABLE TO ACQUIRE THE SAME INFORMATION, ENGAGE IN THE SAME
23 INTERACTIONS, AND ENJOY THE SAME SERVICES AS USERS WITHOUT DISABILITIES,
24 WITH SUBSTANTIALLY EQUIVALENT EASE OF USE; AND

25 (II) ARE CONSISTENT WITH THE STANDARDS OF § 508 OF THE
26 FEDERAL REHABILITATION ACT OF 1973; AND

27 (2) ESTABLISH A PROCESS FOR THE SECRETARY OR THE
28 SECRETARY'S DESIGNEE TO:

29 (I) DETERMINE WHETHER INFORMATION TECHNOLOGY MEETS
30 THE NONVISUAL ACCESS STANDARDS ADOPTED UNDER ITEM (1) OF THIS
31 SUBSECTION; AND

1 (II) 1. FOR INFORMATION TECHNOLOGY PROCURED BY A
 2 STATE UNIT BEFORE JANUARY 1, 2020, AND STILL USED BY THE STATE UNIT ON OR
 3 AFTER JANUARY 1, 2020, WORK WITH THE VENDOR TO MODIFY THE INFORMATION
 4 TECHNOLOGY TO MEET THE NONVISUAL ACCESS STANDARDS, IF PRACTICABLE; OR

5 2. FOR INFORMATION TECHNOLOGY PROCURED BY A
 6 STATE UNIT ON OR AFTER JANUARY 1, 2020, ENFORCE THE NONVISUAL ACCESS
 7 CLAUSE DEVELOPED UNDER § 3A-311 OF THIS SUBTITLE, INCLUDING THE
 8 ENFORCEMENT OF THE CIVIL PENALTY DESCRIBED IN § 3A-311(A)(2)(III)1 OF THIS
 9 SUBTITLE.

10 ~~(A) (1) THE ON OR BEFORE JANUARY 1, 2020, THE SECRETARY, OR THE~~
 11 ~~SECRETARY'S DESIGNEE, SHALL DEVELOP A PROVISION FOR INCLUSION IN ALL~~
 12 ~~STATE PROCUREMENT CONTRACTS THAT REQUIRES A DETERMINATION BY THE~~
 13 ~~SECRETARY, OR THE SECRETARY'S DESIGNEE, WITHIN 18 MONTHS AFTER~~
 14 ~~CONTRACT COMMENCEMENT THAT ANY INFORMATION TECHNOLOGY PRODUCTS~~
 15 ~~PROCURED IN THE CONTRACT HAVE NO BARRIERS TO NONVISUAL ACCESS.~~

16 ~~(2) IF THE SECRETARY, OR THE SECRETARY'S DESIGNEE,~~
 17 ~~DETERMINES THAT AN ACCESS BARRIER EXISTS, THE SECRETARY, OR THE~~
 18 ~~SECRETARY'S DESIGNEE, SHALL NOTIFY THE VENDOR IN WRITING AND REQUIRE~~
 19 ~~THE VENDOR, AT THE VENDOR'S OWN EXPENSE, TO REMEDY THE DEFECT WITHIN 12~~
 20 ~~MONTHS.~~

21 ~~(B) (1) IF THE VENDOR FAILS TO REMEDY THE ACCESS BARRIER WITHIN~~
 22 ~~12 MONTHS AFTER THE DATE OF THE NOTIFICATION REQUIRED UNDER SUBSECTION~~
 23 ~~(A)(2) OF THIS SECTION, THE VENDOR MAY BE SUBJECT TO A CIVIL PENALTY~~
 24 ~~APPLIED AT THE RATE OF 1% OF THE TOTAL PURCHASE PRICE OF THE CONTRACT~~
 25 ~~FOR EACH DAY UNTIL THE PROBLEM IS REMEDIATED OR UNTIL THE FULL PRICE OF~~
 26 ~~THE CONTRACT IS REFUNDED.~~

27 ~~(2) A VENDOR THAT IS FOUND IN VIOLATION UNDER PARAGRAPH (1)~~
 28 ~~OF THIS SUBSECTION IS REQUIRED TO INDEMNIFY THE STATE FOR LIABILITY~~
 29 ~~RESULTING FROM THE USE OF INFORMATION TECHNOLOGY THAT IS FOUND TO BE~~
 30 ~~INACCESSIBLE AFTER THE VENDOR HAS BEEN GIVEN THE OPPORTUNITY TO REMEDY~~
 31 ~~THE ACCESS BARRIER.~~

32 3A-311.

33 (a) (1) The Secretary OR THE SECRETARY'S DESIGNEE, in consultation with
 34 other units of State government, and after public comment, shall develop a nonvisual access
 35 clause for use in the procurement of information technology and information technology
 36 services that specifies that the technology and services:

1 ~~(1)~~ **(I)** must provide equivalent access for effective use by both visual
2 and nonvisual means;

3 ~~(2)~~ **(II)** will present information, including prompts used for interactive
4 communications, in formats intended for both visual and nonvisual use;

5 ~~(3)~~ **(III)** can be integrated into networks for obtaining, retrieving, and
6 disseminating information used by individuals who are not blind or visually impaired; and

7 ~~(4)~~ **(IV)** shall be obtained, whenever possible, without modification for
8 compatibility with software and hardware for nonvisual access.

9 **(2) ON OR AFTER JANUARY 1, 2020, THE NONVISUAL ACCESS CLAUSE**
10 **DEVELOPED IN ACCORDANCE WITH PARAGRAPH (1) OF THIS SUBSECTION SHALL**
11 **INCLUDE A STATEMENT THAT:**

12 **(I) WITHIN 18 MONTHS AFTER THE AWARD OF THE**
13 **PROCUREMENT, THE SECRETARY OR THE SECRETARY'S DESIGNEE WILL DETERMINE**
14 **WHETHER THE INFORMATION TECHNOLOGY MEETS THE NONVISUAL ACCESS**
15 **STANDARDS ADOPTED IN ACCORDANCE WITH § 3A-303(B) OF THIS SUBTITLE;**

16 **(II) IF THE INFORMATION TECHNOLOGY DOES NOT MEET THE**
17 **NONVISUAL ACCESS STANDARDS, THE SECRETARY OR THE SECRETARY'S DESIGNEE**
18 **WILL NOTIFY THE VENDOR IN WRITING THAT THE VENDOR, AT THE VENDOR'S OWN**
19 **EXPENSE, HAS 12 MONTHS AFTER THE DATE OF THE NOTIFICATION TO MODIFY THE**
20 **INFORMATION TECHNOLOGY IN ORDER TO MEET THE NONVISUAL ACCESS**
21 **STANDARDS; AND**

22 **(III) IF THE VENDOR FAILS TO MODIFY THE INFORMATION**
23 **TECHNOLOGY TO MEET THE NONVISUAL ACCESS STANDARDS WITHIN 12 MONTHS**
24 **AFTER THE DATE OF THE NOTIFICATION, THE VENDOR:**

25 **1. MAY BE SUBJECT TO A CIVIL PENALTY OF:**

26 **A. FOR A FIRST OFFENSE, A FINE NOT EXCEEDING**
27 **\$5,000; AND**

28 **B. FOR A SUBSEQUENT OFFENSE, A FINE NOT EXCEEDING**
29 **\$10,000; AND**

30 **2. SHALL INDEMNIFY THE STATE FOR LIABILITY**
31 **RESULTING FROM THE USE OF INFORMATION TECHNOLOGY THAT DOES NOT MEET**
32 **THE NONVISUAL ACCESS STANDARDS.**

1 (b) (1) Except as provided in paragraph (2) of this subsection, the nonvisual
 2 access clause required under subsection (a) of this section shall be included in each
 3 invitation for bids or request for proposals and in each procurement contract or modification
 4 **OR RENEWAL** of a contract issued under Title 13 of this article, without regard to the
 5 method chosen under Title 13, Subtitle 1 of this article for the purchase of new or upgraded
 6 information technology and information technology services.

7 (2) Except as provided in subsection (a)(4) of this section, the nonvisual
 8 access clause required under paragraph (1) of this subsection is not required if:

9 (i) the information technology is not available with nonvisual access
 10 because the essential elements of the information technology are visual and nonvisual
 11 equivalence cannot be developed; or

12 (ii) the cost of modifying the information technology for compatibility
 13 with software and hardware for nonvisual access would increase the price of the
 14 procurement by more than [5%] ~~15%~~ ~~10%~~ 15%.

15 ~~(c) ON OR BEFORE JANUARY 1, 2019 2020, THE DEPARTMENT OF~~
 16 ~~INFORMATION TECHNOLOGY SHALL ADOPT NEW NONVISUAL ACCESS~~
 17 ~~PROCUREMENT STANDARDS THAT:~~

18 ~~(1) PROVIDE AN INDIVIDUAL WITH DISABILITIES WITH NONVISUAL~~
 19 ~~ACCESS IN A WAY THAT IS FULLY AND EQUALLY ACCESSIBLE TO AND~~
 20 ~~INDEPENDENTLY USABLE BY THE INDIVIDUAL WITH DISABILITIES SO THAT THE~~
 21 ~~INDIVIDUAL IS ABLE TO ACQUIRE THE SAME INFORMATION, ENGAGE IN THE SAME~~
 22 ~~INTERACTIONS, AND ENJOY THE SAME SERVICES AS USERS WITHOUT DISABILITIES,~~
 23 ~~WITH SUBSTANTIALLY EQUIVALENT EASE OF USE; AND~~

24 ~~(2) ARE CONSISTENT WITH THE STANDARDS OF § 508 OF THE~~
 25 ~~FEDERAL REHABILITATION ACT OF 1973.~~

26 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect
 27 October 1, 2018.