

SENATE BILL 49

P1
HB 235/20 – HGO

(PRE-FILED)

1r1029
CF HB 38

By: **Senator Lee**

Requested: October 19, 2020

Introduced and read first time: January 13, 2021

Assigned to: Education, Health, and Environmental Affairs

A BILL ENTITLED

1 AN ACT concerning

2 **State Government – Department of Information Technology – Cybersecurity**

3 FOR the purpose of requiring the Secretary of Information Technology, in consultation with
4 the Attorney General, to advise and oversee a consistent cybersecurity strategy for
5 certain units of State government; requiring the Secretary to advise and consult with
6 the Legislative and Judicial branches of State government regarding a cybersecurity
7 strategy; requiring the Secretary, in consultation with the Attorney General, to
8 develop guidance on consistent cybersecurity strategies for certain political
9 subdivisions of the State; providing for the construction of certain provisions of this
10 Act; defining certain terms; and generally relating to cybersecurity.

11 BY repealing and reenacting, without amendments,
12 Article – State Finance and Procurement
13 Section 3A-101
14 Annotated Code of Maryland
15 (2015 Replacement Volume and 2020 Supplement)

16 BY repealing and reenacting, with amendments,
17 Article – State Finance and Procurement
18 Section 3A-301 and 3A-303
19 Annotated Code of Maryland
20 (2015 Replacement Volume and 2020 Supplement)

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

23 **Article – State Finance and Procurement**

24 3A-101.

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.



- 1 (a) In this title the following words have the meanings indicated.
- 2 (b) “Department” means the Department of Information Technology.
- 3 (c) “Secretary” means the Secretary of Information Technology.
- 4 (d) “Telecommunication” means the transmission of information, images,
5 pictures, voice, or data by radio, video, or other electronic or impulse means.
- 6 (e) “Unit of State government” means an agency or unit of the Executive Branch
7 of State government.

8 3A–301.

- 9 (a) In this subtitle the following words have the meanings indicated.
- 10 **(B) “CYBERSECURITY” MEANS PROCESSES OR CAPABILITIES WHEREIN**
11 **SYSTEMS, COMMUNICATIONS, AND INFORMATION ARE PROTECTED AND DEFENDED**
12 **AGAINST DAMAGE, UNAUTHORIZED USE OR MODIFICATION, AND EXPLOITATION.**
- 13 **(C) “CYBERSECURITY STRATEGY” MEANS A VISION, A PLAN OF ACTION, OR**
14 **GUIDING PRINCIPLES.**

15 **[(b)] (D)** (1) “Development” means all expenditures for a new information
16 technology system or an enhancement to an existing system including system:

- 17 (i) planning;
- 18 (ii) procurement;
- 19 (iii) creation;
- 20 (iv) installation;
- 21 (v) testing; and
- 22 (vi) initial training.

23 (2) “Development” does not include:

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

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

1 intended.

2 **[(c)] (E)** “Fund” means the Major Information Technology Development Project
3 Fund.

4 **[(d)] (F)** “Information technology” means all electronic information processing
5 hardware and software, including:

6 (1) maintenance;

7 (2) telecommunications; and

8 (3) associated consulting services.

9 **[(e)] (G)** “Information technology services” means information provided by
10 electronic means by or on behalf of a unit of State government.

11 **[(f)] (H)** “Major information technology development project” means any
12 information technology development project that meets one or more of the following
13 criteria:

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

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

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

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

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

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

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

24 **[(g)] (I)** “Master plan” means the statewide information technology master
25 plan.

26 **[(h)] (J)** “Nonvisual access” means the ability, through keyboard control,
27 synthesized speech, Braille, or other methods not requiring sight to receive, use, and
28 manipulate information and operate controls necessary to access information technology in
29 accordance with standards adopted under § 3A-303(b) of this subtitle.

1 **[(i)] (K)** “Resource sharing” means the utilization of a State resource by private
2 industry in exchange for the provision to the State of a communication service or other
3 consideration.

4 **[(j)] (L)** “Systems development life cycle plan” means a plan that defines all
5 actions, functions, or activities to be performed by a unit of State government in the
6 definition, planning, acquisition, development, testing, implementation, operation,
7 enhancement, and modification of information technology systems.

8 3A-303.

9 (a) The Secretary is responsible for carrying out the following duties:

10 (1) developing, maintaining, revising, and enforcing information
11 technology policies, procedures, and standards;

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

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

16 (4) developing and maintaining a statewide information technology master
17 plan that will:

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

20 (ii) include all aspects of State information technology including
21 telecommunications, security, data processing, and information management;

22 (iii) consider interstate transfers as a result of federal legislation and
23 regulation;

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

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

30 (vi) include standards to assure nonvisual access to the information
31 and services made available to the public over the Internet; **[and]**

32 (5) adopting by regulation and enforcing nonvisual access standards to be
33 used in the procurement of information technology services by or on behalf of units of State

1 government in accordance with subsection (b) of this section;

2 **(6) IN CONSULTATION WITH THE ATTORNEY GENERAL, ADVISING**
3 **AND OVERSEEING A CONSISTENT CYBERSECURITY STRATEGY FOR UNITS OF STATE**
4 **GOVERNMENT, INCLUDING INSTITUTIONS UNDER THE CONTROL OF THE**
5 **GOVERNING BOARDS OF THE PUBLIC INSTITUTIONS OF HIGHER EDUCATION;**

6 **(7) ADVISING AND CONSULTING WITH THE LEGISLATIVE AND**
7 **JUDICIAL BRANCHES OF STATE GOVERNMENT REGARDING A CYBERSECURITY**
8 **STRATEGY; AND**

9 **(8) IN CONSULTATION WITH THE ATTORNEY GENERAL, DEVELOPING**
10 **GUIDANCE ON CONSISTENT CYBERSECURITY STRATEGIES FOR COUNTIES,**
11 **MUNICIPAL CORPORATIONS, SCHOOL SYSTEMS, AND ALL OTHER POLITICAL**
12 **SUBDIVISIONS OF THE STATE.**

13 **(B) NOTHING IN SUBSECTION (A) OF THIS SECTION MAY BE CONSTRUED AS**
14 **ESTABLISHING A MANDATE FOR ANY ENTITY LISTED IN SUBSECTION (A)(8) OF THIS**
15 **SECTION.**

16 **[(b)] (C)** On or before January 1, 2020, the Secretary, or the Secretary's
17 designee, shall:

18 (1) adopt new nonvisual access procurement standards that:

19 (i) provide an individual with disabilities with nonvisual access in a
20 way that is fully and equally accessible to and independently usable by the individual with
21 disabilities so that the individual is able to acquire the same information, engage in the
22 same interactions, and enjoy the same services as users without disabilities, with
23 substantially equivalent ease of use; and

24 (ii) are consistent with the standards of § 508 of the federal
25 Rehabilitation Act of 1973; and

26 (2) establish a process for the Secretary or the Secretary's designee to:

27 (i) determine whether information technology meets the nonvisual
28 access standards adopted under item (1) of this subsection; and

29 1. for information technology procured by a State unit before
30 January 1, 2020, and still used by the State unit on or after January 1, 2020, work with the
31 vendor to modify the information technology to meet the nonvisual access standards, if
32 practicable; or

33 2. for information technology procured by a State unit on or
34 after January 1, 2020, enforce the nonvisual access clause developed under § 3A-311 of this

1 subtitle, including the enforcement of the civil penalty described in § 3A-311(a)(2)(iii)1 of
2 this subtitle.

3 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect
4 October 1, 2021.