

115TH CONGRESS
1ST SESSION

H. R. 2454

AN ACT

To direct the Secretary of Homeland Security to establish a data framework to provide access for appropriate personnel to law enforcement and other information of the Department, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Department of Home-
3 land Security Data Framework Act of 2017”.

4 **SEC. 2. DEPARTMENT OF HOMELAND SECURITY DATA**
5 **FRAMEWORK.**

6 (a) IN GENERAL.—The Secretary of Homeland Secu-
7 rity shall develop a data framework to integrate existing
8 Department of Homeland Security datasets and systems,
9 as appropriate, for access by authorized personnel in a
10 manner consistent with relevant legal authorities and pri-
11 vacy, civil rights, and civil liberties policies and protec-
12 tions. In developing such framework, the Secretary shall
13 ensure, in accordance with all applicable statutory and
14 regulatory requirements, the following information is in-
15 cluded:

16 (1) All information acquired, held, or obtained
17 by an office or component of the Department that
18 falls within the scope of the information sharing en-
19 vironment, including homeland security information,
20 terrorism information, weapons of mass destruction
21 information, and national intelligence.

22 (2) Any information or intelligence relevant to
23 priority mission needs and capability requirements of
24 the homeland security enterprise, as determined ap-
25 propriate by the Secretary.

26 (b) DATA FRAMEWORK ACCESS.—

1 (1) IN GENERAL.—The Secretary of Homeland
2 Security shall ensure that the data framework re-
3 quired under this section is accessible to employees
4 of the Department of Homeland Security who the
5 Secretary determines—

6 (A) have an appropriate security clearance;

7 (B) are assigned to perform a function
8 that requires access to information in such
9 framework; and

10 (C) are trained in applicable standards for
11 safeguarding and using such information.

12 (2) GUIDANCE.—The Secretary of Homeland
13 Security shall—

14 (A) issue guidance for Department of
15 Homeland Security employees authorized to ac-
16 cess and contribute to the data framework pur-
17 suant to paragraph (1); and

18 (B) ensure that such guidance enforces a
19 duty to share between offices and components
20 of the Department when accessing or contrib-
21 uting to such framework for mission needs.

22 (3) EFFICIENCY.—The Secretary of Homeland
23 Security shall promulgate data standards and in-
24 struct components of the Department of Homeland
25 Security to make available information through the

1 data framework under this section in a machine-
2 readable format, to the greatest extent practicable.

3 (c) EXCLUSION OF INFORMATION.—The Secretary of
4 Homeland Security may exclude from the data framework
5 information that the Secretary determines access to or the
6 confirmation of the existence of could—

7 (1) jeopardize the protection of sources, meth-
8 ods, or activities;

9 (2) compromise a criminal or national security
10 investigation;

11 (3) be inconsistent with the other Federal laws
12 or regulations; or

13 (4) be duplicative or not serve an operational
14 purpose if included in such framework.

15 (d) SAFEGUARDS.—The Secretary of Homeland Se-
16 curity shall incorporate into the data framework systems
17 capabilities for auditing and ensuring the security of infor-
18 mation included in such framework. Such capabilities shall
19 include the following:

20 (1) Mechanisms for identifying insider threats.

21 (2) Mechanisms for identifying security risks.

22 (3) Safeguards for privacy, civil rights, and civil
23 liberties.

24 (e) DEADLINE FOR IMPLEMENTATION.—Not later
25 than 2 years after the date of the enactment of this Act,

1 the Secretary of Homeland Security shall ensure the data
2 framework required under this section has the ability to
3 include appropriate information in existence within the
4 Department of Homeland Security to meet its critical mis-
5 sion operations.

6 (f) NOTICE TO CONGRESS.—

7 (1) OPERATIONAL NOTIFICATION.—Not later
8 than 60 days after the date on which the data
9 framework required under this section is fully oper-
10 ational, the Secretary of Homeland Security shall
11 provide notice to the appropriate congressional com-
12 mittees of such.

13 (2) REGULAR STATUS.—The Secretary shall
14 submit to the appropriate congressional committees
15 regular updates on the status of the data framework
16 required under this section, including, when applica-
17 ble, the use of such data framework to support clas-
18 sified operations.

19 (g) DEFINITIONS.—In this section:

20 (1) APPROPRIATE CONGRESSIONAL COMMIT-
21 TEES.—The term “appropriate congressional com-
22 mittees” has the meaning given the term “appro-
23 priate congressional committee” in section 2(2) of
24 the Homeland Security Act of 2002 (6 U.S.C.
25 101(2)).

1 (2) NATIONAL INTELLIGENCE.—The term “na-
2 tional intelligence” has the meaning given such term
3 in section 3(5) of the National Security Act of 1947
4 (50 U.S.C. 3003(5)).

Passed the House of Representatives September 12,
2017.

Attest:

Clerk.

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