

114TH CONGRESS  
2D SESSION

**S.** \_\_\_\_\_

To require the Director of the National Institute of Standards and Technology to disseminate resources to help reduce small business cybersecurity risks, and for other purposes.

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IN THE SENATE OF THE UNITED STATES

Mr. SCHATZ (for himself, Mr. RISCH, Mr. THUNE, Ms. CANTWELL, and Mr. NELSON) introduced the following bill; which was read twice and referred to the Committee on \_\_\_\_\_

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**A BILL**

To require the Director of the National Institute of Standards and Technology to disseminate resources to help reduce small business cybersecurity risks, 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,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Making Available In-  
5 formation Now to Strengthen Trust and Resilience and  
6 Enhance Enterprise Technology Cybersecurity Act of  
7 2017” or the “MAIN STREET Cybersecurity Act of  
8 2017”.

1 **SEC. 2. FINDINGS.**

2 Congress makes the following findings:

3 (1) Small businesses play a vital role in the  
4 economy of the United States, accounting for 54  
5 percent of all United States sales and 55 percent of  
6 jobs in the United States.

7 (2) Attacks targeting small and medium busi-  
8 nesses account for a high percentage of cyberattacks  
9 in the United States. Sixty percent of small busi-  
10 nesses that suffer a cyberattack are out of business  
11 within 6 months, according to the National Cyber  
12 Security Alliance.

13 (3) The Cybersecurity Enhancement Act of  
14 2014 (15 U.S.C. 7421 et seq.) calls on the National  
15 Institute of Standards and Technology to facilitate  
16 and support a voluntary public-private partnership  
17 to reduce cybersecurity risks to critical infrastruc-  
18 ture. Such a partnership continues to play a key role  
19 in improving the cyber resilience of the United  
20 States and making cyberspace safer.

21 (4) There is a need to develop simplified re-  
22 sources that are consistent with the partnership de-  
23 scribed in paragraph (3) that improves its use by  
24 small businesses.

1 **SEC. 3. IMPROVING CYBERSECURITY OF SMALL BUSI-**  
2 **NESSES.**

3 (a) DEFINITIONS.—In this section:

4 (1) DIRECTOR.—The term “Director” means  
5 the Director of the National Institute of Standards  
6 and Technology.

7 (2) RESOURCES.—The term “resources” means  
8 guidelines, tools, best practices, standards, meth-  
9 odologies, and other ways of providing information.

10 (3) SMALL BUSINESS CONCERN.—The term  
11 “small business concern” has the meaning given  
12 such term in section 3 of the Small Business Act  
13 (15 U.S.C. 632).

14 (b) SMALL BUSINESS CYBERSECURITY.—Section  
15 2(e)(1)(A) of the National Institute of Standards and  
16 Technology Act (15 U.S.C. 272(e)(1)(A)) is amended—

17 (1) in clause (vii), by striking “and” at the end;

18 (2) by redesignating clause (viii) as clause (ix);

19 and

20 (3) by inserting after clause (vii) the following:

21 “(viii) consider small business con-  
22 cerns (as defined in section 3 of the Small  
23 Business Act (15 U.S.C. 632)); and”.

24 (c) DISSEMINATION OF RESOURCES FOR SMALL  
25 BUSINESSES.—

1           (1) IN GENERAL.—Not later than one year  
2 after the date of the enactment of this Act, the Di-  
3 rector, in carrying out section 2(e)(1)(A)(viii) of the  
4 National Institute of Standards and Technology Act,  
5 as added by subsection (b) of this Act, in consulta-  
6 tion with the heads of such other Federal agencies  
7 as the Director considers appropriate, shall dissemi-  
8 nate clear and concise resources for small business  
9 concerns to help reduce their cybersecurity risks.

10           (2) REQUIREMENTS.—The Director shall en-  
11 sure that the resources disseminated pursuant to  
12 paragraph (1)—

13           (A) are effective and usable by small busi-  
14 ness concerns; and

15           (B) vary with the nature and size of the  
16 implementing small business concern, and the  
17 nature and sensitivity of the data collected or  
18 stored on the information systems or devices of  
19 the implementing small business concern;

20           (C) include elements, such as simple, basic  
21 controls, to assist small business concerns in  
22 defending against common cybersecurity risks;

23           (D) are technology-neutral and can be im-  
24 plemented using technologies that are commer-  
25 cial and off-the-shelf; and

1           (E) are based on international standards  
2           to the extent possible, and are consistent with  
3           the Stevenson-Wydler Technology Innovation  
4           Act of 1980 (15 U.S.C. 3701 et seq.).

5           (3) NATIONAL CYBERSECURITY AWARENESS  
6           AND EDUCATION PROGRAM.—The Director shall en-  
7           sure that the resources disseminated under para-  
8           graph (1) are consistent with the efforts of the Di-  
9           rector under section 401 of the Cybersecurity En-  
10          hancement Act of 2014 (15 U.S.C. 7451).

11          (4) SMALL BUSINESS DEVELOPMENT CENTER  
12          CYBER STRATEGY.—In carrying out paragraph (1),  
13          the Director, to the extent practicable, shall consider  
14          any methods included in the Small Business Devel-  
15          opment Center Cyber Strategy developed under sec-  
16          tion 1841(a)(3)(B) of the National Defense Author-  
17          ization Act for Fiscal Year 2017 (Public Law 114–  
18          328).

19          (5) VOLUNTARY RESOURCES.—The use of the  
20          resources disseminated under paragraph (1) shall be  
21          considered voluntary.

22          (6) UPDATES.—The Director shall review and,  
23          if necessary, update the resources disseminated  
24          under paragraph (1).

1           (7) PUBLIC AVAILABILITY.—The Director and  
2           such heads of other Federal agencies as the Director  
3           considers appropriate shall each make prominently  
4           available to the public on the Director’s or head’s  
5           Internet website, as the case may be, information  
6           about the resources disseminated under paragraph  
7           (1). The Director and the heads shall each ensure  
8           that the information they respectively make promi-  
9           nently available is consistent, clear, and concise.

10          (d) CONSISTENCY OF RESOURCES PUBLISHED BY  
11 FEDERAL AGENCIES.—If a Federal agency publishes re-  
12 sources to help small business concerns reduce their cyber-  
13 security risks, the head of such Federal agency, to the de-  
14 gree practicable, shall make such resources consistent with  
15 the resources disseminated under subsection (c)(1).

16          (e) OTHER FEDERAL CYBERSECURITY REQUIRE-  
17 MENTS.—Nothing in this section may be construed to su-  
18 persede, alter, or otherwise affect any cybersecurity re-  
19 quirements applicable to Federal agencies.