

117TH CONGRESS
1ST SESSION

H. R. 4028

IN THE SENATE OF THE UNITED STATES

OCTOBER 21, 2021

Received; read twice and referred to the Committee on Commerce, Science,
and Transportation

AN ACT

To require the Secretary of Commerce, acting through the Assistant Secretary of Commerce for Communications and Information, to report on and develop a whole-of-Government strategy with respect to the economic competitiveness of the information and communication technology supply chain, 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 “Information and Com-
5 munication Technology Strategy Act”.

6 **SEC. 2. ECONOMIC COMPETITIVENESS OF INFORMATION**
7 **AND COMMUNICATION TECHNOLOGY SUPPLY**
8 **CHAIN.**

9 (a) REPORT.—Not later than 1 year after the date
10 of the enactment of this Act, the Secretary shall submit
11 to the Committee on Energy and Commerce of the House
12 of Representatives and the Committee on Commerce,
13 Science, and Transportation of the Senate a report on the
14 information and communication technology supply chain
15 that—

16 (1) identifies—

17 (A) information and communication tech-
18 nology critical to the economic competitiveness
19 of the United States; and

20 (B) the industrial capacity of—

21 (i) United States vendors that
22 produce information and communication
23 technology identified under subparagraph
24 (A); and

1 (ii) trusted information and commu-
2 nication technology vendors that produce
3 information and communication technology
4 identified under subparagraph (A);

5 (2) assesses the economic competitiveness of
6 vendors described under paragraph (1)(B);

7 (3) assesses whether, and to what extent, there
8 is a dependence by providers of advanced tele-
9 communications capability in the United States on
10 information and communication technology identified
11 under paragraph (1)(A) that is not trusted;

12 (4) identifies—

13 (A) what actions by the Federal Govern-
14 ment are needed to support, and bolster the
15 economic competitiveness of, trusted informa-
16 tion and communication technology vendors;
17 and

18 (B) what Federal resources are needed to
19 reduce dependence by providers of advanced
20 telecommunications capability in the United
21 States on companies that—

22 (i) produce information and commu-
23 nication technology; and

24 (ii) are not trusted; and

1 (5) defines lines of effort and assigns respon-
2 sibilities for a whole-of-Government response to en-
3 suring the competitiveness of the information and
4 communication technology supply chain in the
5 United States.

6 (b) WHOLE-OF-GOVERNMENT STRATEGY.—

7 (1) IN GENERAL.—The Secretary shall develop,
8 on the basis of the report required by subsection (a),
9 a whole-of-Government strategy to ensure the eco-
10 nomic competitiveness of trusted information and
11 communication technology vendors that includes—

12 (A) recommendations on how—

13 (i) to strengthen the structure, re-
14 sources, and authorities of the Federal
15 Government to support the economic com-
16 petitiveness of trusted information and
17 communication technology vendors, includ-
18 ing United States vendors that are trusted
19 information and communication technology
20 vendors; and

21 (ii) the Federal Government can ad-
22 dress any barriers to a market-based solu-
23 tion for increasing the economic competi-
24 tiveness of such information and commu-
25 nication technology vendors;

(B) defined lines of effort and responsibilities for Federal agencies to implement the strategy; and

(C) a description of—

(i) any change to a Federal program, Federal law, or structure of the Federal Government necessary to implement any recommendation under subparagraph (A); and

(ii) any additional Federal resource necessary to implement any recommendation under subparagraph (A).

(2) REPORT.—Not later than 180 days after the submission of the report required by subsection (a), the Secretary shall submit to the Committee on Energy and Commerce of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report containing the strategy developed under paragraph (1).

(c) CONSULTATION REQUIRED.—In carrying out subsections (a) and (b), the Secretary shall consult with—

(1) a cross-section of trusted information and communication technology vendors; and

(2) the Secretary of State, the Secretary of Homeland Security, the Attorney General, the Direc-

1 tor of National Intelligence, the Chair of the Federal
2 Communications Commission and any other head of
3 an agency the Secretary determines necessary.

4 (d) DEFINITIONS.—In this section:

5 (1) ADVANCED TELECOMMUNICATIONS CAPA-
6 BILITY.—The term “advanced telecommunications
7 capability” has the meaning given that term in sec-
8 tion 706 of the Telecommunications Act of 1996 (47
9 U.S.C. 1302).

10 (2) INFORMATION AND COMMUNICATION TECH-
11 NOLOGY SUPPLY CHAIN.—The term “information
12 and communication technology supply chain” means
13 all of the companies that produce information and
14 communication technology.

15 (3) INFORMATION AND COMMUNICATION TECH-
16 NOLOGY.—The term “information and communica-
17 tion technology” means a technology (including soft-
18 ware), component, or material that enables commu-
19 nications by radio or wire.

20 (4) NOT TRUSTED.—The term “not trusted”
21 means, with respect to a company or information
22 and communication technology, that the company or
23 information and communication technology is deter-
24 mined by the Secretary to pose an unacceptable risk
25 to national security of the United States, or the se-

1 security and safety of the United States persons based
2 solely on one or more determination described under
3 paragraphs (1) through (4) of section 2(c) of the Se-
4 cure and Trusted Communications Networks Act of
5 2019 (Public Law 116–124).

6 (5) SECRETARY.—The term “Secretary” means
7 the Secretary of Commerce, acting through the As-
8 sistant Secretary of Commerce for Communications
9 and Information.

10 (6) TRUSTED.—The term “trusted” means,
11 with respect to a company, that the Secretary has
12 not determined that the company is not trusted.

13 (7) TRUSTED INFORMATION AND COMMUNICA-
14 TION TECHNOLOGY VENDOR.—The term “trusted in-
15 formation and communication technology vendor”
16 means a company—

17 (A) that produces information and commu-
18 nication technology; and

19 (B) that is trusted.

Passed the House of Representatives October 20,
2021.

Attest: CHERYL L. JOHNSON,
Clerk.