119TH CONGRESS
2D SESSION

H. R. 7783

To direct the Assistant Secretary of Commerce for Communications and Information to publish a report on the integration of artificial intelligence into the commercial telecommunications infrastructure of the United States, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MARCH 4, 2026

Ms. McCLELLAN (for herself and Mr. OBERNOLTE) introduced the following bill; which was referred to the Committee on Energy and Commerce

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A BILL

To direct the Assistant Secretary of Commerce for Communications and Information to publish a report on the integration of artificial intelligence into the commercial telecommunications infrastructure of the United States, 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 "AI-Ready Networks

5   Act".

**SEC. 2. REPORT ON INTEGRATION OF AI INTO COMMER-
CIAL TELECOMMUNICATIONS INFRASTRUC-
TURE.**

(a) IN GENERAL.—Not later than 18 months after the date of the enactment of this Act, the Assistant Secretary shall publish in the Federal Register and on the website of the National Telecommunications and Information Administration, and 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 on the integration of artificial intelligence into the commercial telecommunications networks of the United States.

(b) MATTERS TO BE INCLUDED.—The report required by subsection (a) shall include the following:

(1) An assessment of the status of international and industry-led standards-setting bodies in setting standards for artificial intelligence in telecommunications networks.

(2) An identification and analysis of voluntary, industry-driven use cases for the integration of artificial intelligence into telecommunications networks.

(3) Recommendations for addressing workforce trends and needs in the telecommunications industry as the telecommunications industry integrates artificial intelligence.

1   (4) Recommendations on how to leverage artifi-
2   cial intelligence to enhance the security, integrity,
3   and availability of telecommunications networks.

4   (5) Recommendations on how voluntary indus-
5   try best practices, government guidance, and exist-
6   ing laws may support transparency, accountability,
7   and public trust with respect to artificial intelligence
8   deployed in telecommunications networks.

9   (6) Recommendations on modernizing the Com-
10   munications Act of 1934 (47 U.S.C. 151 et seq.) to
11   reflect advancements in artificial intelligence, includ-
12   ing the integration of artificial intelligence into tele-
13   communications networks.

14   (7) Recommendations for how to best work with
15   entities across the Federal Government, State gov-
16   ernments, local governments, and Tribal Govern-
17   ments to facilitate the safe and effective integration
18   of artificial intelligence into telecommunications net-
19   works.

20   (c) DRAFT REPORT; PUBLIC COMMENT.—The As-
21   sistant Secretary shall—

22   (1) not later than 1 year after the date of the
23   enactment of this Act, publish in the Federal Reg-
24   ister and on the website of the National Tele-

1 communications and Information Administration a

2 draft of the report required by subsection (a); and

3   (2) accept public comments on such draft and

4 take such comments into consideration in preparing

5 the final version of such report.

6 (d) CONSULTATION.—In preparing the report re-

7 quired by subsection (a), the Assistant Secretary shall con-

8 sult with the following:

9   (1) The Federal Communications Commission.

10   (2) The Director of the National Institute of

11 Standards and Technology.

12   (3) The Secretary of Homeland Security.

13   (4) The Director of the Cybersecurity and In-

14 frastructure Security Agency.

15   (5) The heads of other relevant Federal agen-

16 cies, as determined by the Assistant Secretary.

17   (6) Relevant State, local, and Tribal govern-

18 ment entities, as determined by the Assistant Sec-

19 retary.

20   (7) Trusted telecommunications companies.

21   (8) Representatives from academia, public in-

22 terest organizations, and international standards-set-

23 ting bodies.

24 (e) DEFINITIONS.—In this section:

1   (1) ARTIFICIAL INTELLIGENCE.—The term "ar-
2 tificial intelligence" has the meaning given such
3 term in section 5002 of the National Artificial Intel-
4 ligence Initiative Act of 2020 (15 U.S.C. 9401).

5   (2) ASSISTANT SECRETARY.—The term "Assist-
6 ant Secretary" means the Assistant Secretary of
7 Commerce for Communications and Information.

8   (3) STATE.—The term "State" has the mean-
9 ing given such term in section 3 of the Communica-
10 tions Act of 1934 (47 U.S.C. 153).

11   (4) TRUSTED.—The term "trusted" means,
12 with respect to a company, that such company does
13 not produce or provide any covered communications
14 equipment or service (as defined in section 9 of the
15 Secure and Trusted Communications Networks Act
16 of 2019 (47 U.S.C. 1608)).

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