

119TH CONGRESS  
1ST SESSION

# S. 1775

To provide for certain requirements relating to cloud, data infrastructure,  
and foundation model procurement.

---

IN THE SENATE OF THE UNITED STATES

MAY 15, 2025

Ms. WARREN (for herself and Mr. SCHMITT) introduced the following bill;  
which was read twice and referred to the Committee on Armed Services

---

## A BILL

To provide for certain requirements relating to cloud, data  
infrastructure, and foundation model procurement.

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 “Protecting AI and  
5       Cloud Competition in Defense Act of 2025”.

6       **SEC. 2. ENSURING COMPETITION IN ARTIFICIAL INTEL-**  
7       **LIGENCE PROCUREMENT.**

8       (a) DEFINITIONS.—In this section:

9               (1) ARTIFICIAL INTELLIGENCE; AI.—The terms  
10       “artificial intelligence” and “AI” have the meaning

1 given the term “artificial intelligence” in section  
2 5002 of the National Artificial Intelligence Initiative  
3 Act of 2020 (15 U.S.C. 9401).

4 (2) CLOUD COMPUTING.—The term “cloud  
5 computing” has the meaning given the term in Spe-  
6 cial Publication 800–145 of the National Institute of  
7 Standards and Technology, or any successor docu-  
8 ment.

9 (3) CLOUD PROVIDER.—The term “cloud pro-  
10 vider” means any company engaged in the provision,  
11 sale, or licensing of cloud computing to customers,  
12 including individuals and businesses.

13 (4) CONGRESSIONAL DEFENSE COMMITTEES.—  
14 The term “congressional defense committees” has  
15 the meaning given the term in section 101(a) of title  
16 10, United States Code.

17 (5) COVERED PROVIDER.—The term “covered  
18 provider” means any cloud provider, data infrastruc-  
19 ture provider, or foundation model provider that has  
20 entered into contracts with the Department of De-  
21 fense totaling at least \$50,000,000 in any of the 5  
22 previous fiscal years.

23 (6) DATA INFRASTRUCTURE.—The term “data  
24 infrastructure” means the underlying computer, net-  
25 work, and software systems that enable the collec-

1 tion, storage, processing, and analysis of data, in-  
2 cluding the ability to record, transmit, transform,  
3 categorize, integrate, and otherwise process data  
4 generated by digital data systems.

5 (7) DATA INFRASTRUCTURE PROVIDER.—The  
6 term “data infrastructure provider” means any com-  
7 pany engaged in the provision, sale, or licensing of  
8 data infrastructure to customers, including individ-  
9 uals and businesses.

10 (8) FOUNDATION MODEL.—The term “founda-  
11 tion model” means an artificial intelligence model  
12 that—

13 (A)(i) generally uses self-supervision;

14 (ii) contains at least 1,000,000,000 param-  
15 eters; and

16 (iii) is applicable across a wide range of  
17 contexts; or

18 (B) exhibits, or could be easily modified to  
19 exhibit, high levels of performance at tasks that  
20 pose a serious risk to security, national eco-  
21 nomic security, national public health, or safety.

22 (9) FOUNDATION MODEL PROVIDER.—The term  
23 “foundation model provider” means any company  
24 engaged in the provision, sale, or licensing of foun-

1       dation models to customers, including individuals  
2       and businesses.

3               (10) MULTI-CLOUD TECHNOLOGY.—The term  
4       “multi-cloud technology” means architecture and  
5       services that allow for data, application, and pro-  
6       gram portability, usability, and interoperability be-  
7       tween infrastructure, platforms, and hosted applica-  
8       tions of multiple cloud providers and between public,  
9       private, and edge cloud environments in a manner  
10      that securely delivers operational and management  
11      consistency, comprehensive visibility, and resiliency.

12      (b) CLOUD, DATA INFRASTRUCTURE, AND FOUNDA-  
13      TION MODEL PROCUREMENT REQUIREMENTS.—The Sec-  
14      retary of Defense shall, in contracting provisions with  
15      cloud providers, foundation model providers, and data in-  
16      frastructure providers—

17              (1) promote security, resiliency, and competi-  
18      tion in the procurement of such solutions by requir-  
19      ing a competitive award process for each procure-  
20      ment of cloud computing, data infrastructure, or  
21      foundation model solutions;

22              (2) ensure that the Government maintains ex-  
23      clusive rights to access and use of all Government  
24      data; and

25              (3) ensure that the competitive process—

1 (A) prioritizes the appropriate role for the  
2 Government with respect to intellectual prop-  
3 erty and data rights and security, interoper-  
4 ability, and auditability requirements;

5 (B) includes modular open systems ap-  
6 proaches and appropriate work allocation and  
7 technical boundaries;

8 (C) mitigates barriers to entry faced by  
9 small businesses and nontraditional contractors;  
10 and

11 (D) prioritizes multi-cloud technology un-  
12 less doing so is infeasible or presents a substan-  
13 tial danger to national security.

14 (c) DATA TRAINING AND USE PROTECTION.—The  
15 Secretary of Defense shall direct the Chief Digital and Ar-  
16 tificial Intelligence Office to update or promulgate provi-  
17 sions of the Defense Federal Acquisition Regulation Sup-  
18 plement (DFARS) to ensure that—

19 (1) Government-furnished data, provided for  
20 purposes of development and operation of AI prod-  
21 ucts and services to the Department of Defense, is  
22 not disclosed or used without proper authorization  
23 by the Department of Defense, including that such  
24 data cannot be used to train or improve the  
25 functionality of commercial products offered by a

1 covered provider without express authorization by  
2 the Department of Defense;

3 (2) Government-furnished data stored on ven-  
4 dor systems, provided for purposes of development  
5 and operation of AI products and services to the De-  
6 partment of Defense, is appropriately protected from  
7 other data on such systems, and is treated in ac-  
8 cordance with Department of Defense data decrees  
9 and Creating Data Advantage (Open DAGIR) prin-  
10 ciples;

11 (3) violation of these provisions shall be subject  
12 to specific penalties, including fines and contract ter-  
13 mination; and

14 (4) component acquisition executives may issue  
15 exemptions upon—

16 (A) determining that issuing an exemption  
17 is necessary for national security; and

18 (B) notifying the Chief Digital and Artifi-  
19 cial Intelligence Officer of the specific provi-  
20 sions exempted, the vendor and program being  
21 issued the exemption, and the justification for  
22 the exemption.

23 (d) REPORTING.—

24 (1) IN GENERAL.—Not later than January 15,  
25 2027, and annually thereafter for four years, the

1 Chairman of the Joint Chiefs of Staff, in coordina-  
2 tion with the Under Secretary of Defense for Acqui-  
3 sition and Sustainment, shall submit to the congress-  
4 sional defense committees a report assessing the  
5 competition, innovation, barriers to entry, and con-  
6 centrations of market power or market share in the  
7 AI space for each period covered by the report. The  
8 report shall also include a list of the exemptions  
9 granted under subsection (c)(4)(A), including the  
10 date and purpose of the exemption. The report shall  
11 also include recommendations of appropriate legisla-  
12 tive and administrative action.

13 (2) PUBLICATION.—The Secretary of Defense,  
14 acting through the Assistant to the Secretary of De-  
15 fense for Public Affairs, shall ensure that the report  
16 is made available to the public by—

17 (A) posting a publicly releasable version of  
18 the report on a website of the Department of  
19 Defense; and

20 (B) upon request, transmitting the report  
21 by other means, as long as such transmission is  
22 at no cost to the Department.

○