

AMENDMENT TO RULES COMM. PRINT 118–36
OFFERED BY MR. CROW OF COLORADO

At the end of subtitle C of title XVII, add the following:

1 **SEC. 17_. MODERNIZATION OF INFORMATION TECH-**
2 **NOLOGY SYSTEMS AND APPLICATIONS OF**
3 **THE BUREAU OF INDUSTRY AND SECURITY.**

4 (a) SENSE OF CONGRESS.—It is the sense of Con-
5 gress that the effective use of export controls requires
6 that—

7 (1) the Bureau of Industry and Security of the
8 Department of Commerce adopt and deploy cutting-
9 edge data fusion, analytics, and decision-making ca-
10 pabilities, as well as supply chain illumination tools,
11 and additional commercial data sets to streamline
12 and standardize the export license adjudication pro-
13 cess, better assess global industrial relationships, and
14 identify evasive trade patterns and shell companies
15 being used by adversary militaries;

16 (2) the Bureau expand and scale up the adop-
17 tion and use of modern data sharing interfaces and
18 capabilities to share data safely and efficiently with

1 industry, Federal agencies, and international part-
2 ners;

3 (3) Bureau information technology systems
4 should overtime enable the incorporation of artificial
5 intelligence, machine learning, and other advanced
6 tools as technologies evolve;

7 (4) the Bureau expedite Entity List delibera-
8 tions tied to countries of concern and enforcement
9 activities related to tracking military end users and
10 end uses in countries of concern including the Peo-
11 ple's Republic of China (PRC), Russia, and Iran;

12 (5) the Bureau work with relevant agencies to
13 comprehensively map the PRC defense industrial
14 base and its military civil fusion strategy; and

15 (6) the Bureau work with relevant agencies to
16 comprehensively map the commercial linkages be-
17 tween the industrial bases of the PRC and Russia.

18 (b) IN GENERAL.—Subject to the availability of ap-
19 propriations, the Under Secretary of Commerce for Indus-
20 try and Security shall, on an ongoing basis through fiscal
21 year 2029, modernize the information technology systems
22 of the Bureau of Industry and Security of the Department
23 of Commerce.

24 (c) ELEMENTS.—In carrying out subsection (b), the
25 Under Secretary should—

1 (1) replace the Bureau’s primary information
2 technology systems with a unified environment
3 that—

4 (A) allows for deployment of a seamless
5 case and customer relationship management in-
6 formation technology solution; and

7 (B) provides analysis of data obtained
8 from external data providers that is collected by
9 trade transactions and other sources as appro-
10 priate;

11 (2) adopt and deploy cutting-edge data fusion,
12 analytics, and decision-making capabilities, as well
13 as supply chain illumination tools, and additional
14 commercial data sets to streamline and standardize
15 the export license adjudication process, better assess
16 global industrial relationships, enhance Entity List
17 deliberations, support enforcement activities, includ-
18 ing by tracking military end users and end uses, and
19 identify evasive trade patterns and shell companies;
20 and

21 (3) expand and scale up the adoption and use
22 of modern data sharing interfaces and capabilities to
23 share data safely and efficiently with industry, Fed-
24 eral agencies, and international partners.

1 (d) OBJECTIVES.—Before any technology solutions
2 are adopted with respect to the elements in subsection (c),
3 such solutions should be analyzed based on their ability
4 to—

5 (1) enhance productivity and efficiency, includ-
6 ing by reducing the need for manual review and
7 processing of data;

8 (2) reduce redundancies and manage costs;

9 (3) enhance the overall data and cyber security
10 of Bureau systems;

11 (4) facilitate seamless and safe sharing of ap-
12 propriate data with relevant stakeholders and part-
13 ners;

14 (5) facilitate seamless data sharing with rel-
15 evant agencies and the intelligence community; and

16 (6) enhance the ease of access and user experi-
17 ence for United States exporters that are utilizing
18 Bureau systems.

19 (e) PERSONNEL ASSESSMENT.—The Under Sec-
20 retary should—

21 (1) reassess staffing and personnel needs across
22 the Bureau throughout the modernization process
23 described in this section; and

1 (2) consult with Congress on whether additional
2 or less personnel may be most effective for utilizing
3 modern applications and systems.

4 (f) AUTHORIZATION OF APPROPRIATIONS.—There
5 are authorized to be appropriated \$25,000,000 for each
6 of the fiscal years 2025 through 2028 to carry out this
7 section.

