

**Suspend the Rules and Pass the Bill, H.R. 2952, With an Amendment**

**(The amendment strikes all after the enacting clause and inserts a new text)**

113<sup>TH</sup> CONGRESS  
2<sup>D</sup> SESSION

# H. R. 2952

To amend the Homeland Security Act of 2002 to make certain improvements in the laws relating to the advancement of security technologies for critical infrastructure protection, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

AUGUST 1, 2013

Mr. MEEHAN introduced the following bill; which was referred to the Committee on Homeland Security

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## A BILL

To amend the Homeland Security Act of 2002 to make certain improvements in the laws relating to the advancement of security technologies for critical infrastructure protection, 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 “Critical Infrastructure  
5 Research and Development Advancement Act of 2014” or  
6 the “CIRDA Act of 2014”.

1 **SEC. 2. DEFINITIONS.**

2 Section 2 of the Homeland Security Act of 2002 (6  
3 U.S.C. 101) is amended by redesignating paragraphs (15)  
4 through (18) as paragraphs (16) through (19), respec-  
5 tively, and by inserting after paragraph (14) the following:

6 “(15) The term ‘Sector Coordinating Council’  
7 means a private sector coordinating council that is—

8 “(A) recognized by the Secretary as such  
9 a Council for purposes of this Act; and

10 “(B) comprised of representatives of own-  
11 ers and operators of critical infrastructure with-  
12 in a particular sector of critical infrastruc-  
13 ture.”.

14 **SEC. 3. CRITICAL INFRASTRUCTURE PROTECTION RE-**  
15 **SEARCH AND DEVELOPMENT.**

16 (a) STRATEGIC PLAN; PUBLIC-PRIVATE CONSOR-  
17 TIUMS.—

18 (1) IN GENERAL.—Title III of the Homeland  
19 Security Act of 2002 (6 U.S.C. 181 et seq.) is  
20 amended by adding at the end the following:

21 **“SEC. 318. RESEARCH AND DEVELOPMENT STRATEGY FOR**  
22 **CRITICAL INFRASTRUCTURE PROTECTION.**

23 “(a) IN GENERAL.—Not later than 180 days after  
24 the date of enactment of the Critical Infrastructure Re-  
25 search and Development Advancement Act of 2014, the  
26 Secretary, acting through the Under Secretary for Science

1 and Technology, shall transmit to Congress a strategic  
2 plan to guide the overall direction of Federal physical se-  
3 curity and cybersecurity technology research and develop-  
4 ment efforts for protecting critical infrastructure, includ-  
5 ing against all threats. Once every 2 years after the initial  
6 strategic plan is transmitted to Congress under this sec-  
7 tion, the Secretary shall transmit to Congress an update  
8 of the plan.

9 “(b) CONTENTS OF PLAN.—The strategic plan shall  
10 include the following:

11 “(1) An identification of critical infrastructure  
12 security risks and any associated security technology  
13 gaps, that are developed following—

14 “(A) consultation with stakeholders, in-  
15 cluding the Sector Coordinating Councils; and

16 “(B) performance by the Department of a  
17 risk/gap analysis that considers information re-  
18 ceived in such consultations.

19 “(2) A set of critical infrastructure security  
20 technology needs that—

21 “(A) is prioritized based on risk and gaps  
22 identified under paragraph (1);

23 “(B) emphasizes research and development  
24 of those technologies that need to be accelerated

1 due to rapidly evolving threats or rapidly ad-  
2 vancing infrastructure technology; and

3 “(C) includes research, development, and  
4 acquisition roadmaps with clearly defined objec-  
5 tives, goals, and measures.

6 “(3) An identification of laboratories, facilities,  
7 modeling, and simulation capabilities that will be re-  
8 quired to support the research, development, dem-  
9 onstration, testing, evaluation, and acquisition of the  
10 security technologies described in paragraph (2).

11 “(4) An identification of current and planned  
12 programmatic initiatives for fostering the rapid ad-  
13 vancement and deployment of security technologies  
14 for critical infrastructure protection. The initiatives  
15 shall consider opportunities for public-private part-  
16 nerships, intragovernment collaboration, university  
17 centers of excellence, and national laboratory tech-  
18 nology transfer.

19 “(5) A description of progress made with re-  
20 spect to each critical infrastructure security risk, as-  
21 sociated security technology gap, and critical infra-  
22 structure technology need identified in the preceding  
23 strategic plan transmitted under this section.

24 “(c) COORDINATION.—In carrying out this section,  
25 the Under Secretary for Science and Technology shall co-

1 ordinate with the Under Secretary for the National Pro-  
2 tection and Programs Directorate.

3 “(d) CONSULTATION.—In carrying out this section,  
4 the Under Secretary for Science and Technology shall con-  
5 sult with—

6 “(1) the critical infrastructure Sector Coordi-  
7 nating Councils;

8 “(2) to the extent practicable, subject matter  
9 experts on critical infrastructure protection from  
10 universities, colleges, including historically black col-  
11 leges and universities, Hispanic- serving institutions,  
12 and tribal colleges and universities, national labora-  
13 tories, and private industry;

14 “(3) the heads of other relevant Federal depart-  
15 ments and agencies that conduct research and devel-  
16 opment for critical infrastructure protection; and

17 “(4) State, local, and tribal governments as ap-  
18 propriate.

19 **“SEC. 319. REPORT ON PUBLIC-PRIVATE RESEARCH AND**  
20 **DEVELOPMENT CONSORTIUMS.**

21 “(a) IN GENERAL.—Not later than 180 days after  
22 the enactment of the Critical Infrastructure Research and  
23 Development Advancement Act of 2014, the Secretary,  
24 acting through the Under Secretary for Science and Tech-  
25 nology, shall transmit to Congress a report on the Depart-

1 ment’s utilization of public-private research and develop-  
2 ment consortiums for accelerating technology development  
3 for critical infrastructure protection. Once every 2 years  
4 after the initial report is transmitted to Congress under  
5 this section, the Secretary shall transmit to Congress an  
6 update of the report. The report shall focus on those as-  
7 pects of critical infrastructure protection that are pre-  
8 dominately operated by the private sector and that would  
9 most benefit from rapid security technology advancement.

10 “(b) CONTENTS OF REPORT.—The report shall in-  
11 clude—

12 “(1) a summary of the progress and accom-  
13 plishments of on-going consortiums for critical infra-  
14 structure security technologies;

15 “(2) in consultation with the Sector Coordi-  
16 nating Councils and, to the extent practicable, in  
17 consultation with subject-matter experts on critical  
18 infrastructure protection from universities, colleges,  
19 including historically black colleges and universities,  
20 Hispanic-serving institutions, and tribal colleges and  
21 universities, national laboratories, and private indus-  
22 try, a prioritized list of technology development focus  
23 areas that would most benefit from a public-private  
24 research and development consortium; and



1 and in coordination with the Under Secretary for the  
2 National Protection and Programs Directorate, shall  
3 designate a technology clearinghouse for rapidly  
4 sharing proven technology solutions for protecting  
5 critical infrastructure.

6 “(2) SHARING OF TECHNOLOGY SOLUTIONS.—  
7 Technology solutions shared through the clearing-  
8 house shall draw from Government-furnished, com-  
9 mercially furnished, and publically available trusted  
10 sources.

11 “(3) TECHNOLOGY METRICS.—All technologies  
12 shared through the clearinghouse shall include a set  
13 of performance and readiness metrics to assist end-  
14 users in deploying effective and timely solutions rel-  
15 evant for their critical infrastructures.

16 “(4) REVIEW BY PRIVACY OFFICER.—The Pri-  
17 vacy Officer of the Department appointed under sec-  
18 tion 222 shall annually review the clearinghouse  
19 process to evaluate its consistency with fair informa-  
20 tion practice principles issued by the Privacy Offi-  
21 cer.”.

22 (d) EVALUATION OF TECHNOLOGY CLEARINGHOUSE  
23 BY GOVERNMENT ACCOUNTABILITY OFFICE.—Not later  
24 than 2 years after the date of enactment of this Act, the  
25 Comptroller General of the United States shall conduct

1 an independent evaluation of, and submit to the Commit-  
2 tees on Homeland Security and Science, Space, and Tech-  
3 nology of the House of Representatives and the Committee  
4 on Homeland Security and Governmental Affairs of the  
5 Senate a report on, the effectiveness of the clearinghouses  
6 established and designated, respectively, under section 313  
7 of the Homeland Security Act of 2002, as amended by  
8 this section.

9 **SEC. 4. NO ADDITIONAL AUTHORIZATION OF APPROPRIA-**  
10 **TIONS.**

11 No additional funds are authorized to be appro-  
12 priated to carry out this Act and the amendments made  
13 by this Act, and this Act and such amendments shall be  
14 carried out using amounts otherwise available for such  
15 purpose.