

AMENDMENT TO RULES COMMITTEE PRINT 118-

36

**OFFERED BY MR. CARTWRIGHT OF
PENNSYLVANIA**

At the end of subtitle D of title XV, insert the following:

1 **SEC. 15___ . DEVELOPMENT OF A SOFTWARE-BASED, AI/ML-**
2 **ENABLED DEFENSIVE CYBER OPERATIONS**
3 **SOLUTION.**

4 (a) SENSE OF CONGRESS.—It is the sense of Con-
5 gress that—

6 (1) today’s Machine Learning Behavioral Ana-
7 lytics of network traffic are unable to keep up with
8 the speed and volume of today’s high-speed net-
9 works, leading to false positives and missed intru-
10 sions; and

11 (2) software running on commodity hardware/
12 CPUs is needed that uses high-speed AI/ML to de-
13 tect cyber intrusions and data manipulation at the
14 packet level.

15 (b) FUNDING.—Of the total amount authorized to be
16 appropriated for Defensive CYBER - Software Prototype
17 Development (PE# 0608041A) \$5,000,000 is directed to-

- 1 ward development of a software-based, AI/ML-enabled De-
- 2 fensive Cyber Operations solution operationalized to detect
- 3 cyber intrusions and data manipulation that uses full
- 4 packet capture and runs at speeds over 100 Gbps.

