

**SENATE . . . . . No. 2056**

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**The Commonwealth of Massachusetts**

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PRESENTED BY:

***Cynthia Stone Creem***

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*To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:*

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act relative to the cybersecurity of the internet connected devices and autonomous vehicles.

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PETITION OF:

NAME:

*Cynthia Stone Creem*

DISTRICT/ADDRESS:

*First Middlesex and Norfolk*

**SENATE . . . . . No. 2056**

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By Ms. Creem, a petition (accompanied by bill, Senate, No. 2056) of Cynthia Stone Creem for legislation relative to the cybersecurity of the internet connected devices and autonomous vehicles. Transportation.

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**The Commonwealth of Massachusetts**

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**In the One Hundred and Ninety-First General Court  
(2019-2020)**  
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An Act relative to the cybersecurity of the internet connected devices and autonomous vehicles.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1 SECTION 1. Section 1 of chapter 93H of the General Laws, as appearing in the 2016  
2 Official Edition, is hereby amended by adding the following definitions:-

3 “Internet of Things (IOT) device”, a device or appliance embedded with electronics,  
4 software, sensors, unique identifiers, and internet network connectivity that is able to collect and  
5 transfer personal information over a network without requiring human-to-human or human-to-  
6 computer interaction.

7 “IOT Personal Data”, information collected by an IOT device relating to a resident of the  
8 commonwealth who can be identified, directly or indirectly, by reference to the IOT device’s  
9 unique identifier and to one or more factors specific to that individual’s physical, physiological,  
10 mental, economic, cultural or social identity.

11 SECTION 2. Section 2 of chapter 93H of the general laws, as so appearing, is hereby  
12 amended by striking out subsection (a) and inserting in place thereof the following subsection:-

13 “(a) The department of consumer affairs and business regulation shall adopt regulations  
14 relative to any person that owns or licenses personal information about a resident of the  
15 commonwealth, any person that manufactures any IOT device that collects personal information  
16 or IOT personal data about a resident of the commonwealth, and any person that manufactures  
17 any autonomous vehicle that uses or incorporates an IOT device in the vehicle that collects  
18 personal information or IOT personal data about a resident of the commonwealth. Such  
19 regulations shall be designed to safeguard the personal information and IOT personal data of  
20 residents of the commonwealth and shall be consistent with the safeguards for protection set  
21 forth in the federal regulations by which the person is regulated. The objectives of the regulations  
22 shall be to: insure the security and confidentiality of customer information in a manner fully  
23 consistent with industry standards; protect against anticipated threats or hazards to the security or  
24 integrity of such information; and protect against unauthorized access to or use of such  
25 information that may result in substantial harm or inconvenience to any consumer. The  
26 regulations shall take into account the person's size, scope and type of business, the amount of  
27 resources available to such person, the amount of stored data, and the need for security and  
28 confidentiality of both consumer and employee information.”