

# STATE OF NEW YORK

6933

2017-2018 Regular Sessions

## IN SENATE

November 1, 2017

Introduced by Sen. CARLUCCI -- read twice and ordered printed, and when printed to be committed to the Committee on Rules

AN ACT to amend the general business law and the state technology law, in relation to notification of a security breach

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1 Section 1. This act shall be known and may be cited as the "New York  
2 Data Security Act".

3 § 2. The article heading of article 39-F of the general business law,  
4 as added by chapter 442 of the laws of 2005, is amended to read as  
5 follows:

6 NOTIFICATION OF UNAUTHORIZED ACQUISITION OF PRIVATE  
7 INFORMATION; DATA SECURITY PROTECTIONS

8 § 3. Subdivisions 1, 2, 3, 5, 6, 7 and 8 of section 899-aa of the  
9 general business law, as added by chapter 442 of the laws of 2005, para-  
10 graph (c) of subdivision 1, paragraph (a) of subdivision 6 and subdivi-  
11 sion 8 as amended by chapter 491 of the laws of 2005 and paragraph (a)  
12 of subdivision 8 as amended by section 6 of part N of chapter 55 of the  
13 laws of 2013, are amended and a new subdivision 5-a is added to read as  
14 follows:

15 1. As used in this section, the following terms shall have the follow-  
16 ing meanings:

17 (a) "Personal information" shall mean any information concerning a  
18 natural person which, because of name, number, personal mark, or other  
19 identifier, can be used to identify such natural person;

20 (b) "Private information" shall mean either: (i) personal information  
21 consisting of any information in combination with any one or more of the  
22 following data elements, when either the personal information or the  
23 data element is not encrypted, or encrypted with an encryption key that  
24 has also been accessed or acquired:

25 (1) social security number;

EXPLANATION--Matter in italics (underscored) is new; matter in brackets  
[-] is old law to be omitted.

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1 (2) driver's license number or non-driver identification card number;  
2 [~~or~~]

3 (3) account number, credit or debit card number, in combination with  
4 any required security code, access code, [~~or~~] password or other informa-  
5 tion that would permit access to an individual's financial account;

6 (4) account number, credit or debit card number, if circumstances  
7 exist wherein such number could be used to access an individual's finan-  
8 cial account without additional identifying information, security code,  
9 access code, or password; or

10 (5) biometric information, meaning data generated by automatic meas-  
11 urements of an individual's physical characteristics, which are used to  
12 authenticate the individual's identity;

13 (ii) a user name or e-mail address in combination with a password or  
14 security question and answer that would permit access to an online  
15 account; or

16 (iii) any unsecured protected health information held by a "covered  
17 entity" as defined in the health insurance portability and accountabil-  
18 ity act of 1996 (45 C.F.R. pts. 160, 162, 164), as amended from time to  
19 time.

20 "Private information" does not include publicly available information  
21 which is lawfully made available to the general public from federal,  
22 state, or local government records.

23 (c) "Breach of the security of the system" shall mean unauthorized  
24 access to or acquisition of, or access to or acquisition without valid  
25 authorization, of computerized data that compromises the security,  
26 confidentiality, or integrity of [~~personal~~] private information main-  
27 tained by a business. Good faith access to, or acquisition of  
28 [~~personal~~], private information by an employee or agent of the business  
29 for the purposes of the business is not a breach of the security of the  
30 system, provided that the private information is not used or subject to  
31 unauthorized disclosure.

32 In determining whether information has been accessed, or is reasonably  
33 believed to have been accessed, by an unauthorized person or a person  
34 without valid authorization, such business may consider, among other  
35 factors, indications that the information was viewed, communicated with,  
36 used, or altered by a person without valid authorization or by an unau-  
37 thorized person.

38 In determining whether information has been acquired, or is reasonably  
39 believed to have been acquired, by an unauthorized person or a person  
40 without valid authorization, such business may consider the following  
41 factors, among others:

42 (1) indications that the information is in the physical possession and  
43 control of a person without valid authorization or by an unauthorized  
44 person, such as a lost or stolen computer or other device containing  
45 information; or

46 (2) indications that the information has been downloaded or copied; or

47 (3) indications that the information was used by a person without  
48 valid authorization or an unauthorized person, such as fraudulent  
49 accounts opened or instances of identity theft reported.

50 (d) "Consumer reporting agency" shall mean any person which, for mone-  
51 tary fees, dues, or on a cooperative nonprofit basis, regularly engages  
52 in whole or in part in the practice of assembling or evaluating consumer  
53 credit information or other information on consumers for the purpose of  
54 furnishing consumer reports to third parties, and which uses any means  
55 or facility of interstate commerce for the purpose of preparing or  
56 furnishing consumer reports. A list of consumer reporting agencies shall

1 be compiled by the state attorney general and furnished upon request to  
2 any person or business required to make a notification under subdivision  
3 two of this section.

4 (e) "Credit card" shall mean any card or other credit device issued by  
5 a financial institution to a consumer for the purpose of providing  
6 money, property, labor or services on credit.

7 (f) "Debit card" shall mean any card or other device issued by a  
8 financial institution to a consumer for use in initiating an electronic  
9 fund transfer from the account of the consumer at such financial insti-  
10 tution, for the purpose of transferring money between accounts or  
11 obtaining money, property, labor or services.

12 2. Any person or business which [~~conducts business in New York state,~~  
13 ~~and which~~] owns or licenses computerized data which includes private  
14 information shall disclose any breach of the security of the system  
15 following discovery or notification of the breach in the security of the  
16 system to any resident of New York state whose private information was,  
17 or is reasonably believed to have been, accessed or acquired by a person  
18 without valid authorization or by an unauthorized person. The disclo-  
19 sure shall be made in the most expedient time possible and without  
20 unreasonable delay, consistent with the legitimate needs of law enforce-  
21 ment, as provided in subdivision four of this section, or any measures  
22 necessary to determine the scope of the breach and restore the [~~reason-~~  
23 ~~able~~] integrity of the system.

24 3. Any person or business which maintains computerized data which  
25 includes private information which such person or business does not own  
26 shall notify the owner or licensee of the information of any breach of  
27 the security of the system immediately following discovery, if the  
28 private information was, or is reasonably believed to have been,  
29 acquired by a person without valid authorization or by an unauthorized  
30 person.

31 5. The notice required by this section shall be directly provided to  
32 the affected persons by one of the following methods:

33 (a) written notice;

34 (b) electronic notice, provided that the person to whom notice is  
35 required has expressly consented to receiving said notice in electronic  
36 form and a log of each such notification is kept by the person or busi-  
37 ness who notifies affected persons in such form; provided further,  
38 however, that in no case shall any person or business require a person  
39 to consent to accepting said notice in said form as a condition of  
40 establishing any business relationship or engaging in any transaction.

41 (c) telephone notification provided that a log of each such notifica-  
42 tion is kept by the person or business who notifies affected persons; or

43 (d) substitute notice, if a business demonstrates to the state attor-  
44 ney general that the cost of providing notice would exceed two hundred  
45 fifty thousand dollars, or that the affected class of subject persons to  
46 be notified exceeds five hundred thousand, or such business does not  
47 have sufficient contact information. Substitute notice shall consist of  
48 all of the following:

49 (1) e-mail notice when such business has an e-mail address for the  
50 subject persons, except if the breached information includes an e-mail  
51 address in combination with a password or security question and answer  
52 that would permit access to the online account, in which case the person  
53 or business shall instead provide clear and conspicuous notice delivered  
54 to the consumer online when the consumer is connected to the online  
55 account from an internet protocol address or from an online location

1 which the person or business knows the consumer customarily uses to  
2 access the online account;

3 (2) conspicuous posting of the notice on such business's web site  
4 page, if such business maintains one; and

5 (3) notification to major statewide media.

6 5-a. Any credit or debit card issuer that issues a new credit or debit  
7 card as a result of a breach of the security of the system pursuant to  
8 paragraph (c) of subdivision one of this section, shall provide the  
9 consumer notice that the issuance of the replacement credit or debit  
10 card is due to a potential compromise of the prior card absent any  
11 evidence of actual or potential unauthorized use of such credit or debit  
12 card or other circumstances precipitating the issuance of a replacement  
13 card.

14 6. (a) whenever the attorney general shall believe from evidence  
15 satisfactory to him that there is a violation of this article he may  
16 bring an action in the name and on behalf of the people of the state of  
17 New York, in a court of justice having jurisdiction to issue an injunc-  
18 tion, to enjoin and restrain the continuation of such violation. In  
19 such action, preliminary relief may be granted under article sixty-three  
20 of the civil practice law and rules. In such action the court may award  
21 damages for actual costs or losses incurred by a person entitled to  
22 notice pursuant to this article, if notification was not provided to  
23 such person pursuant to this article, including consequential financial  
24 losses. Whenever the court shall determine in such action that a person  
25 or business violated this article knowingly or recklessly, the court may  
26 impose a civil penalty of the greater of five thousand dollars or up to  
27 [~~ten~~] twenty dollars per instance of failed notification, provided that  
28 the latter amount shall not exceed [~~one~~] two hundred fifty thousand  
29 dollars.

30 (b) the remedies provided by this section shall be in addition to any  
31 other lawful remedy available.

32 (c) no action may be brought under the provisions of this section  
33 unless such action is commenced within [~~two~~] three years [~~immediately~~]  
34 after either the date [~~of the act complained of or the date of discovery~~  
35 ~~of such act~~] on which the attorney general became aware of the  
36 violation, or the date of notice sent pursuant to paragraph (a) of  
37 subdivision eight of this section, whichever occurs first.

38 7. Regardless of the method by which notice is provided, such notice  
39 shall include contact information for the person or business making the  
40 notification, the telephone numbers and websites of the relevant state  
41 and federal agencies that provide information regarding security breach  
42 response and identity theft prevention and protection information, and a  
43 description of the categories of information that were, or are reason-  
44 ably believed to have been, accessed or acquired by a person without  
45 valid authorization or by an unauthorized person, including specifica-  
46 tion of which of the elements of personal information and private infor-  
47 mation were, or are reasonably believed to have been, so accessed or  
48 acquired.

49 8. (a) In the event that any New York residents are to be notified,  
50 the person or business shall notify the state attorney general, the  
51 department of state and the [~~division of state police~~] office of infor-  
52 mation technology services as to the timing, content and distribution of  
53 the notices and approximate number of affected persons and shall provide  
54 a copy of the template of the notice sent to affected persons. Such  
55 notice shall be made without delaying notice to affected New York resi-  
56 dents.

1 (b) In the event that more than five thousand New York residents are  
2 to be notified at one time, the person or business shall also notify  
3 consumer reporting agencies as to the timing, content and distribution  
4 of the notices and approximate number of affected persons. Such notice  
5 shall be made without delaying notice to affected New York residents.

6 § 4. The general business law is amended by adding a new section 899-  
7 bb to read as follows:

8 § 899-bb. Data security protections. 1. Definitions. (a) "Compliant  
9 regulated entity" shall mean any person or business that is subject to,  
10 and in compliance with, any of the following data security requirements:

11 (i) regulations promulgated pursuant to Title V of the federal Gramm-  
12 Leach-Bliley Act (15 U.S.C. 6801 to 6809), as amended from time to time;

13 (ii) regulations implementing the Health Insurance Portability and  
14 Accountability Act of 1996 (45 C.F.R. parts 160 and 164), as amended  
15 from time to time, and the Health Information Technology for Economic  
16 and Clinical Health Act, as amended from time to time;

17 (iii) part five hundred of title twenty-three of the official compila-  
18 tion of codes, rules and regulations of the state of New York, as  
19 amended from time to time; or

20 (iv) any other data security rules and regulations of, and the stat-  
21 utes administered by, any official department, division, commission or  
22 agency of the federal or New York State government as such rules, regu-  
23 lations or statutes are interpreted by such department, division,  
24 commission or agency or by the federal or New York State courts.

25 (b) "Certified compliant entity" shall mean any person or business  
26 that:

27 (i) is compliant with any of the data security requirements in para-  
28 graph (a) of this subdivision or with the most up to date version of the  
29 International Standards Organization Standard 27002 or with the most up  
30 to date version of National Institute of Standards and Technology  
31 Special Publication 800-53, as it relates to the protection of electron-  
32 ic private information; and

33 (ii) has such compliance certified annually by an independent, third-  
34 party assessment organization that is authorized to provide such certif-  
35 ications by the official department, division, commissioner or agency or  
36 standards body that promulgates the data security regulations or stand-  
37 ards being certified.

38 (c) "Private information" shall have the same meaning as defined in  
39 section eight hundred ninety-nine-aa of this article.

40 (d) "Small business" shall mean any person or business with (i) fewer  
41 than fifty employees, including any independent contractors, of the  
42 business; (ii) less than three million dollars in gross annual revenue  
43 in each of the last three fiscal years; or (iii) less than five million  
44 dollars in year-end total assets, calculated in accordance with general-  
45 ly accepted accounting principles.

46 2. Reasonable security. (a) Any person or business that owns or  
47 licenses computerized data which includes private information of a resi-  
48 dent of New York shall develop, implement and maintain reasonable safe-  
49 guards to protect the security, confidentiality and integrity of the  
50 private information including, but not limited to, disposal of data.

51 (b) Small businesses subject to the requirements of paragraph (a) of  
52 this subdivision shall be deemed to be in compliance with such require-  
53 ment if they implement and maintain reasonable safeguards that are  
54 appropriate to the size and complexity of the small business to protect  
55 the security, confidentiality and integrity of the private information  
56 including, but not limited to, disposal of data.



1 (c) A person or business shall be deemed to be in compliance with  
2 paragraphs (a) and (b) of this subdivision if it either:

3 (i) is a compliant regulated entity as defined in subdivision one of  
4 this section;

5 (ii) is a certified compliant entity as defined in subdivision one of  
6 this section; or

7 (iii) implements a data security program that includes the following:

8 (A) administrative safeguards such as the following, in which the  
9 person or business:

10 (1) designates one or more employees to coordinate the security  
11 program;

12 (2) identifies reasonably foreseeable internal and external risks;

13 (3) assesses the sufficiency of safeguards in place to control the  
14 identified risks;

15 (4) trains and manages employees in the security program practices and  
16 procedures;

17 (5) selects service providers capable of maintaining appropriate safe-  
18 guards, and requires those safeguards by contract; and

19 (6) adjusts the security program in light of business changes or new  
20 circumstances; and

21 (B) technical safeguards such as the following, in which the person or  
22 business:

23 (1) assesses risks in network and software design;

24 (2) assesses risks in information processing, transmission and stor-  
25 age;

26 (3) detects, prevents and responds to attacks or system failures; and

27 (4) regularly tests and monitors the effectiveness of key controls,  
28 systems and procedures; and

29 (C) physical safeguards such as the following, in which the person or  
30 business:

31 (1) assesses risks of information storage and disposal;

32 (2) detects, prevents and responds to intrusions;

33 (3) protects against unauthorized access to or use of private informa-  
34 tion during or after the collection, transportation and destruction or  
35 disposal of the information; and

36 (4) disposes of private information within a reasonable amount of time  
37 after it is no longer needed for business purposes by erasing electronic  
38 media so that the information cannot be read or reconstructed.

39 (d) Any person or business required to comply with paragraph (a) or  
40 (b) of this subdivision that fails to comply with such subdivisions  
41 shall be deemed to have violated section three hundred forty-nine of  
42 this chapter, and the attorney general may bring an action in the name  
43 and on behalf of the people of the state of New York to enjoin such  
44 violations and to obtain civil penalties under section three hundred  
45 fifty-d of this chapter.

46 (e) Nothing in this section shall create a private right of action.

47 3. Safe harbor for certified compliant entities. A certified compli-  
48 ant entity shall not be subject to an enforcement action by the attorney  
49 general pursuant to subdivision two of this section if:

50 (a) it provides copies of its certifications of compliance to the  
51 attorney general; and

52 (b) there is no evidence of willful misconduct, bad faith or gross  
53 negligence.

54 § 5. Paragraph (a) of subdivision 1 and subdivisions 2, 3, 6, 7 and 8  
55 of section 208 of the state technology law, paragraph (a) of subdivision  
56 1 and subdivisions 3 and 8 as added by chapter 442 of the laws of 2005,

1 subdivision 2 and paragraph (a) of subdivision 7 as amended by section 5  
2 of part N of chapter 55 of the laws of 2013 and subdivisions 6 and 7 as  
3 amended by chapter 491 of the laws of 2005, are amended to read as  
4 follows:

5 (a) "Private information" shall mean either: (i) personal information  
6 consisting of any information in combination with any one or more of the  
7 following data elements, when either the personal information or the  
8 data element is not encrypted or encrypted with an encryption key that  
9 has also been accessed or acquired:

10 (1) social security number;

11 (2) driver's license number or non-driver identification card number;

12 [~~or~~]

13 (3) account number, or credit or debit card number, in combination  
14 with any required identifying information, security code, access code,  
15 or password which would permit access to an individual's financial  
16 account;

17 (4) account number, or credit or debit card number, if circumstances  
18 exist wherein such number could be used to access to an individual's  
19 financial account without additional identifying information, security  
20 code, access code, or password; or

21 (5) biometric information, meaning data generated by automatic meas-  
22 urements of an individual's physical characteristics, which are used to  
23 authenticate the individual's identity;

24 (ii) a user name or e-mail address in combination with a password or  
25 security question and answer that would permit access to an online  
26 account; or

27 (iii) any unsecured protected health information held by a "covered  
28 entity" as defined in the health insurance portability and accountabil-  
29 ity act of 1996 (45 C.F.R. pts. 160, 162, 164), as amended from time to  
30 time.

31 "Private information" does not include publicly available information  
32 that is lawfully made available to the general public from federal,  
33 state, or local government records.

34 2. Any state entity that owns or licenses computerized data that  
35 includes private information shall disclose any breach of the security  
36 of the system following discovery or notification of the breach in the  
37 security of the system to any resident of New York state whose private  
38 information was, or is reasonably believed to have been, accessed or  
39 acquired by a person without valid authorization or an unauthorized  
40 person. The disclosure shall be made in the most expedient time possi-  
41 ble and without unreasonable delay, consistent with the legitimate needs  
42 of law enforcement, as provided in subdivision four of this section, or  
43 any measures necessary to determine the scope of the breach and restore  
44 the [~~reasonable~~] integrity of the data system. The state entity shall  
45 consult with the state office of information technology services to  
46 determine the scope of the breach and restoration measures. Within nine-  
47 ty days of the notice of the breach, the office of information technolo-  
48 gy services shall deliver a report on the scope of the breach and recom-  
49 mendations to restore and improve the security of the system to the  
50 state entity.

51 3. Any state entity that maintains computerized data that includes  
52 private information which such agency does not own shall notify the  
53 owner or licensee of the information of any breach of the security of  
54 the system immediately following discovery, if the private information  
55 was, or is reasonably believed to have been, acquired by a person with-  
56 out valid authorization or an unauthorized person.

1 6. Regardless of the method by which notice is provided, such notice  
2 shall include contact information for the state entity making the  
3 notification, the telephone numbers and websites of the relevant state  
4 and federal agencies that provide information regarding security breach  
5 response and identity theft prevention and protection information and a  
6 description of the categories of information that were, or are reason-  
7 ably believed to have been, accessed or acquired by a person without  
8 valid authorization or an unauthorized person, including specification  
9 of which of the elements of personal information and private information  
10 were, or are reasonably believed to have been, so accessed or acquired.

11 7. (a) In the event that any New York residents are to be notified,  
12 the state entity shall notify the state attorney general, the department  
13 of state and the state office of information technology services as to  
14 the timing, content and distribution of the notices and approximate  
15 number of affected persons and provide a copy of the template of the  
16 notice sent to affected persons. Such notice shall be made without  
17 delaying notice to affected New York residents.

18 (b) In the event that more than five thousand New York residents are  
19 to be notified at one time, the state entity shall also notify consumer  
20 reporting agencies as to the timing, content and distribution of the  
21 notices and approximate number of affected persons. Such notice shall be  
22 made without delaying notice to affected New York residents.

23 8. The state office of information technology services shall develop,  
24 update and provide regular training to all state entities relating to  
25 best practices for the prevention of a breach of the security of the  
26 system.

27 9. Any entity listed in subparagraph two of paragraph (c) of subdivi-  
28 sion one of this section shall adopt a notification policy no more than  
29 one hundred twenty days after the effective date of this section. Such  
30 entity may develop a notification policy which is consistent with this  
31 section or alternatively shall adopt a local law which is consistent  
32 with this section.

33 § 6. This act shall take effect January 1, 2018.