House File 2174 - Introduced

A BILL FOR

1 An Act relating to the auditing of election management systems
2   and including effective date provisions.
3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1   Section 1. ELECTION MANAGEMENT SYSTEMS —— AUDITING.
2   1. The state commissioner of elections shall commission an
3 independent private cyber security firm to perform an audit of
4 election management systems in nine counties, randomly selected
5 as follows:
6   a. Three counties with a population of forty thousand or
7 greater, one of which utilizes systems manufactured by unisyn,
8 one of which utilizes systems manufactured by election systems
9 and software, and one of which utilizes systems manufactured
10 by dominion.
11   b. Three counties with a population of greater than ten
12 thousand but fewer than forty thousand, one of which utilizes
13 systems manufactured by unisyn, one of which utilizes systems
14 manufactured by election systems and software, and one of which
15 utilizes systems manufactured by dominion.
16   c. Three counties with a population of ten thousand or
17 fewer, one of which utilizes systems manufactured by unisyn,
18 one of which utilizes systems manufactured by election systems
19 and software, and one of which utilizes systems manufactured
20 by dominion.
21   2. The audit shall capture a forensic image of examined
22 election management systems, which shall include voting
23 machines, software, and servers, and which shall cover the time
24 period beginning on September 1, 2020, and ending on the day
25 the image is created. The server traffic of the forensic image
26 shall be analyzed, including packet captures showing whether
27 all activity was authorized and showing the origin of each
28 internet service protocol address present on the image.
29   3. The state commissioner of elections shall publish
30 necessary qualifications that an independent private cyber
31 security firm must meet to perform an audit under this section.
32   4. The state commissioner shall request proposals from
33 independent private cyber security firms to perform an audit
34 under this section, and shall select a firm that meets the
35 requirements published pursuant to subsection 3.

1 5. The independent private cyber security firm selected by
2 the state commissioner of elections shall submit a report of
3 its findings to the state commissioner of elections and general
4 assembly by October 1, 2022.
5 Sec. 2. EFFECTIVE DATE. This Act, being deemed of immediate
6 importance, takes effect upon enactment.
7 EXPLANATION
8 **The inclusion of this explanation does not constitute agreement with**
9 **the explanation's substance by the members of the general assembly.**

10 This bill relates to audits of county voting systems. The
11 bill requires the state commissioner of elections to request
12 proposals from independent cyber security firms to perform
13 forensic audits of county voting systems. The bill includes
14 requirements for which systems shall be audited. The state
15 commissioner of elections shall publish requirements that an
16 independent cyber security firm must meet in order to perform
17 the audit. The firm selected by the state commissioner of
18 elections shall capture a forensic image of the voting systems
19 to be examined and shall analyze the server traffic in the
20 image, including packet captures and the origin of each
21 internet security protocol address that accessed the server.
22 The firm shall submit a report of its findings to the state
23 commissioner of elections and the general assembly by October
24 1, 2022.
25 The bill takes effect upon enactment.