

GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2025

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SENATE BILL DRS15299-LRa-133C

Short Title: Digital Content Provenance Initiative/Funds. (Public)

Sponsors: Senators Salvador, Theodros, and Garrett (Primary Sponsors).

Referred to:

1 A BILL TO BE ENTITLED
2 AN ACT CREATING THE DIGITAL CONTENT PROVENANCE INITIATIVE AND
3 APPROPRIATING FUNDS FOR THAT PURPOSE.

4 The General Assembly of North Carolina enacts:

5 **SECTION 1.(a)** The following definitions apply to this act:

- 6 (1) Synthetic media. – Content that has been partially or fully generated, altered,
7 or manipulated by artificial intelligence or machine learning technologies,
8 including but not limited to video, audio, text, and images.
9 (2) Provenance. – Verifiable information about the origin, creation, and
10 modification history of a piece of digital content, including any
11 transformations applied.
12 (3) Cryptographic authentication. –The use of secure digital methods, such as
13 watermarking or signatures, to confirm the origin and integrity of content.
14 (4) State-generated content. – Any official communication, media, or digital file
15 created or disseminated by a State agency, department, or official in the course
16 of their duties.
17 (5) False attribution. – Digital content that inaccurately represents itself as
18 originating from a government official or agency.

19 **SECTION 1.(b)** There is established the Digital Content Provenance Initiative
20 (Initiative). The Initiative shall be implemented in phases.

21 **SECTION 1.(c)** Phase I shall be coordinated jointly by the Department of Commerce
22 and the Department of Information Technology to protect North Carolina residents from the
23 growing threats posed by synthetic media and AI-generated content. This initiative shall develop
24 and implement cryptographic authentication standards for digital content across State platforms,
25 official communications, and election-related public information, to mitigate digital
26 misinformation that poses an escalating threat to consumers, the public trust, election integrity,
27 and information authenticity. The initiative shall also study methods to detect and deter false
28 attribution of synthetic media to public officials, election authorities, or government agencies.

29 Where feasible, the Initiative will lead the State's effort to adopt or align with existing
30 open technical standards for content provenance and authenticity, including but not limited to the
31 standards developed by the Coalition for Content Provenance and Authenticity (C2PA), the
32 World Wide Web Consortium (W3C), and other relevant multistakeholder or international
33 organizations. The Initiative may pilot implementations of C2PA-compliant metadata,
34 watermarking, or signature protocols in collaboration with industry partners.

35 **SECTION 1.(d)** To ensure transparency and accountability, the Initiative shall
36 establish a Digital Content Provenance Advisory Board. The Board shall include representatives



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1 from civil liberties organizations, academic institutions, media organizations, cybersecurity
2 experts, and the technology industry. The Board shall advise on technical standards, privacy
3 safeguards, civil liberties impacts, and implementation strategies. The Initiative shall also publish
4 quarterly progress updates and a public comment portal.

5 **SECTION 2.(a)** Effective July 1, 2025, there is appropriated from the General Fund
6 to the Department of Commerce the sum of five hundred thousand dollars (\$500,000) for the
7 2025-2026 fiscal year to carry out the purposes of Phase I, including the development of
8 comprehensive content authentication framework for North Carolina's digital communications
9 infrastructure that:

- 10 (1) Implements cryptographic verification protocols for all state-generated media.
- 11 (2) Creates a secure content provenance registry for official State
12 communications.
- 13 (3) Develops public education resources on identifying potential synthetic
14 content.
- 15 (4) Partners with technology companies to integrate provenance standards.

16 **SECTION 2.(b)** These funds may be used to engage consultants, develop technical
17 infrastructure, increase staff expertise, conduct public education campaign, and to support
18 ongoing threat assessment.

19 **SECTION 3.** By December 1, 2025, the Department of Commerce and the
20 Department of Information Technology shall submit an interim Phase I report to the General
21 Assembly and publish it on a public website. This report shall include a summary of technical
22 progress, public input received, initial recommendations for election-year implementation, and
23 early indicators of public risk. A final Phase I report, with recommendations for Phase II, shall
24 be submitted by March 1, 2026.

25 **SECTION 4.** Except as otherwise provided, this act is effective when it becomes
26 law.