

AMENDMENT NO. _____

Calendar No. _____

Purpose: To enhance the management and promotion of electronic Government services and processes by establishing an Office of Electronic Government within the Office of Management and Budget, and by establishing a broad framework of measures that require using Internet-based information technology to enhance citizen access to Government information and services, and for other purposes.

IN THE SENATE OF THE UNITED STATES—107th Cong., 2d Sess.

S. 803

To enhance the management and promotion of electronic Government services and processes by establishing a Federal Chief Information Officer within the Office of Management and Budget, and by establishing a broad framework of measures that require using Internet-based information technology to enhance citizen access to Government information and services, and for other purposes.

Referred to the Committee on _____
and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended to be proposed by Mr. LIEBERMAN (for himself and Mr. THOMPSON)

Viz:

1 Strike all after the enacting clause and insert the fol-
2 lowing:

3 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4 (a) **SHORT TITLE.**—This Act may be cited as the “E-
5 Government Act of 2002”.

6 (b) **TABLE OF CONTENTS.**—The table of contents for
7 this Act is as follows:

- Sec. 1. Short title; table of contents.
- Sec. 2. Findings and purposes.

TITLE I—OFFICE OF MANAGEMENT AND BUDGET ELECTRONIC
GOVERNMENT SERVICES

- Sec. 101. Management and promotion of Electronic Government services.
- Sec. 102. Conforming amendments.

TITLE II—FEDERAL MANAGEMENT AND PROMOTION OF
ELECTRONIC GOVERNMENT SERVICES

- Sec. 201. Definitions.
- Sec. 202. Federal agency responsibilities.
- Sec. 203. Compatibility of Executive agency methods for use and acceptance of
 electronic signatures.
- Sec. 204. Federal Internet portal.
- Sec. 205. Federal courts.
- Sec. 206. Regulatory agencies.
- Sec. 207. Accessibility, usability, and preservation of Government information.
- Sec. 208. Privacy provisions.
- Sec. 209. Federal Information Technology workforce development.
- Sec. 210. Common protocols for geographic information systems.
- Sec. 211. Share-in-savings program improvements.
- Sec. 212. Integrated reporting study and pilot projects.
- Sec. 213. Community technology centers.
- Sec. 214. Enhancing crisis management through advanced information tech-
 nology.
- Sec. 215. Disparities in access to the Internet.
- Sec. 216. Notification of obsolete or counterproductive provisions.

TITLE III—GOVERNMENT INFORMATION SECURITY

- Sec. 301. Information security.

TITLE IV—AUTHORIZATION OF APPROPRIATIONS AND
EFFECTIVE DATES

- Sec. 401. Authorization of appropriations.
- Sec. 402. Effective dates.

1 **SEC. 2. FINDINGS AND PURPOSES.**

2 (a) FINDINGS.—Congress finds the following:

3 (1) The use of computers and the Internet is
4 rapidly transforming societal interactions and the re-
5 lationships among citizens, private businesses, and
6 the Government.

7 (2) The Federal Government has had uneven
8 success in applying advances in information tech-
9 nology to enhance governmental functions and serv-
10 ices, achieve more efficient performance, increase ac-
11 cess to Government information, and citizen partici-
12 pation in Government.

13 (3) Most Internet-based services of the Federal
14 Government are developed and presented separately,
15 according to the jurisdictional boundaries of an indi-
16 vidual department or agency, rather than being inte-
17 grated cooperatively according to function.

18 (4) Internet-based Government services involv-
19 ing interagency cooperation are especially difficult to
20 develop and promote, in part because of a lack of
21 sufficient funding mechanisms to support such inter-
22 agency cooperation.

23 (5) Electronic Government has its impact
24 through improved Government performance and out-
25 comes within and across agencies.

1 (6) Electronic Government is a critical element
2 in the management of Government, to be imple-
3 mented as part of a management framework that
4 also addresses finance, procurement, human capital,
5 and other challenges to improve the performance of
6 Government.

7 (7) To take full advantage of the improved Gov-
8 ernment performance that can be achieved through
9 the use of Internet-based technology requires new
10 leadership, better organization, improved interagency
11 collaboration, and more focused oversight of agency
12 compliance with statutes related to information re-
13 source management.

14 (b) PURPOSES.—The purposes of this Act are the fol-
15 lowing:

16 (1) To provide effective leadership of Federal
17 Government efforts to develop and promote elec-
18 tronic Government services and processes by estab-
19 lishing an Administrator of a new Office of Elec-
20 tronic Government within the Office of Management
21 and Budget.

22 (2) To promote use of the Internet and other
23 information technologies to provide increased oppor-
24 tunities for citizen participation in Government.

1 (3) To promote interagency collaboration in
2 providing electronic Government services, where this
3 collaboration would improve the service to citizens by
4 integrating related functions, and in the use of inter-
5 nal electronic Government processes, where this col-
6 laboration would improve the efficiency and effec-
7 tiveness of the processes.

8 (4) To improve the ability of the Government to
9 achieve agency missions and program performance
10 goals.

11 (5) To promote the use of the Internet and
12 emerging technologies within and across Government
13 agencies to provide citizen-centric services.

14 (6) To reduce costs and burdens for businesses
15 and other Government entities.

16 (7) To promote better informed decisionmaking
17 by policy makers.

18 (8) To promote access to high quality informa-
19 tion and services across multiple channels, available
20 to customers through the channels which are pre-
21 ferred by the customer.

22 (9) To make the Federal Government more
23 transparent and accountable.

1 (10) To transform agency operations by uti-
2 lizing, where appropriate, best practices from public
3 and private sector organizations.

4 **TITLE I—OFFICE OF MANAGE-**
5 **MENT AND BUDGET ELEC-**
6 **TRONIC GOVERNMENT SERV-**
7 **ICES**

8 **SEC. 101. MANAGEMENT AND PROMOTION OF ELECTRONIC**
9 **GOVERNMENT SERVICES.**

10 (a) IN GENERAL.—Title 44, United States Code, is
11 amended by inserting after chapter 35 the following:

12 **“CHAPTER 36—MANAGEMENT AND PRO-**
13 **MOTION OF ELECTRONIC GOVERN-**
14 **MENT SERVICES**

“Sec.

“3601. Definitions.

“3602. Office of Electronic Government.

“3603. Chief Information Officers Council.

“3604. E-Government Fund.

“3605. E-Government report.

15 **“§ 3601. Definitions**

16 “In this chapter, the definitions under section 3502
17 shall apply, and the term—

18 “(1) ‘Administrator’ means the Administrator
19 of the Office of Electronic Government established
20 under section 3602;

21 “(2) ‘Council’ means the Chief Information Of-
22 ficers Council established under section 3603;

1 “(3) ‘electronic Government’ means the use by
2 the Government of web-based Internet applications
3 and other digital technologies, combined with proc-
4 esses that implement these technologies, to—

5 “(A) enhance the access to and delivery of
6 Government information and services to the
7 public, other agencies, and other Government
8 entities; or

9 “(B) bring about improvements in Govern-
10 ment operations that may include effectiveness,
11 efficiency, service quality, or transformation;

12 “(4) ‘enterprise architecture’ means a frame-
13 work for incorporating business processes, informa-
14 tion flows, applications, and infrastructure to sup-
15 port agency and interagency goals;

16 “(5) ‘Fund’ means the E-Government Fund es-
17 tablished under section 3604;

18 “(6) ‘interoperability’ means the ability of dif-
19 ferent software systems, applications, and services to
20 communicate and exchange data in an accurate, ef-
21 fective, and consistent manner; and

22 “(7) ‘integrated service delivery’ means the pro-
23 vision of Internet-based Federal Government infor-
24 mation or services integrated according to function

1 rather than separated according to the boundaries of
2 agency jurisdiction.

3 **“§ 3602. Office of Electronic Government**

4 “(a) There is established in the Office of Manage-
5 ment and Budget an Office of Electronic Government.

6 “(b) There shall be at the head of the Office an Ad-
7 ministrator who shall be appointed by the President, by
8 and with the advice and consent of the Senate.

9 “(c) The Administrator shall assist the Director in
10 carrying out—

11 “(1) all functions under this chapter;

12 “(2) all of the functions assigned to the Direc-
13 tor under title II of the E-Government Act of 2002;
14 and

15 “(3) other electronic government initiatives,
16 consistent with other statutes.

17 “(d) The Administrator shall assist the Director and
18 the Deputy Director for Management and work with the
19 Administrator of the Office of Information and Regulatory
20 Affairs in setting strategic direction for implementing elec-
21 tronic Government, under relevant statutes, including—

22 “(1) chapter 35;

23 “(2) division E of the Clinger-Cohen Act of
24 1996 (division E of Public Law 104–106; 40 U.S.C.
25 1401 et seq.);

1 “(3) section 552a of title 5 (commonly referred
2 to as the Privacy Act);

3 “(4) the Government Paperwork Elimination
4 Act (44 U.S.C. 3504 note);

5 “(5) the Government Information Security Re-
6 form Act; and

7 “(6) the Computer Security Act of 1987 (40
8 U.S.C. 759 note).

9 “(e) The Administrator shall work with the Adminis-
10 trator of the Office of Information and Regulatory Affairs
11 and with other offices within the Office of Management
12 and Budget to oversee implementation of electronic Gov-
13 ernment under this chapter, chapter 35, the E-Govern-
14 ment Act of 2002, and other relevant statutes relating
15 to—

16 “(1) capital planning and investment control for
17 information technology;

18 “(2) the development of enterprise architec-
19 tures;

20 “(3) information security;

21 “(4) privacy;

22 “(5) access to, dissemination of, and preserva-
23 tion of Government information; and

24 “(6) other areas of electronic Government.

1 “(f) Subject to requirements of this chapter, the Ad-
2 ministrator shall assist the Director by performing elec-
3 tronic Government functions as follows:

4 “(1) Advise the Director on the resources re-
5 quired to develop and effectively operate and main-
6 tain Federal Government information systems.

7 “(2) Recommend to the Director changes relat-
8 ing to Governmentwide strategies and priorities for
9 electronic Government.

10 “(3) Provide overall leadership and direction to
11 the executive branch on electronic Government by
12 working with authorized officials to establish infor-
13 mation resources management policies and require-
14 ments, and by reviewing performance of each agency
15 in acquiring, using, and managing information re-
16 sources.

17 “(4) Promote innovative uses of information
18 technology by agencies, particularly initiatives in-
19 volving multiagency collaboration, through support
20 of pilot projects, research, experimentation, and the
21 use of innovative technologies.

22 “(5) Oversee the distribution of funds from,
23 and ensure appropriate administration of, the E-
24 Government Fund established under section 3604.

1 “(6) Coordinate with the Administrator of Gen-
2 eral Services regarding programs undertaken by the
3 General Services Administration to promote elec-
4 tronic government and the efficient use of informa-
5 tion technologies by agencies.

6 “(7) Lead the activities of the Chief Informa-
7 tion Officers Council established under section 3603
8 on behalf of the Deputy Director for Management,
9 who shall chair the council.

10 “(8) Assist the Director in establishing policies
11 which shall set the framework for information tech-
12 nology standards for the Federal Government under
13 section 5131 of the Clinger-Cohen Act of 1996 (40
14 U.S.C. 1441), to be developed by the National Insti-
15 tute of Standards and Technology and promulgated
16 by the Secretary of Commerce, taking into account,
17 if appropriate, recommendations of the Chief Infor-
18 mation Officers Council, experts, and interested par-
19 ties from the private and nonprofit sectors and
20 State, local, and tribal governments, and maximizing
21 the use of commercial standards as appropriate, as
22 follows:

23 “(A) Standards and guidelines for
24 interconnectivity and interoperability as de-
25 scribed under section 3504.

1 “(B) Standards and guidelines for catego-
2 rizing Federal Government electronic informa-
3 tion to enable efficient use of technologies, such
4 as through the use of extensible markup lan-
5 guage.

6 “(C) Standards and guidelines for Federal
7 Government computer system efficiency and se-
8 curity.

9 “(9) Sponsor ongoing dialogue that—

10 “(A) shall be conducted among Federal,
11 State, local, and tribal government leaders on
12 electronic Government in the executive, legisla-
13 tive, and judicial branches to encourage collabo-
14 ration and enhance understanding of best prac-
15 tices and innovative approaches in acquiring,
16 using, and managing information resources;

17 “(B) is intended to improve the perform-
18 ance of governments in collaborating on the use
19 of information technology to improve the deliv-
20 ery of information and services; and

21 “(C) may include—

22 “(i) development of innovative
23 models—

1 “(I) for electronic Government
2 management and Government infor-
3 mation technology contracts; and

4 “(II) that may be developed
5 through focused discussions or using
6 separately sponsored research;

7 “(ii) identification of opportunities for
8 public-private collaboration in using Inter-
9 net-based technology to increase the effi-
10 ciency of Government-to-business trans-
11 actions;

12 “(iii) identification of mechanisms for
13 providing incentives to program managers
14 and other Government employees to de-
15 velop and implement innovative uses of in-
16 formation technologies; and

17 “(iv) identification of opportunities for
18 public, private, and intergovernmental col-
19 laboration in addressing the disparities in
20 access to the Internet and information
21 technology.

22 “(10) Oversee the work of the General Services
23 Administration and other agencies in developing the
24 integrated Internet-based system under section 204
25 of the E-Government Act of 2002.

1 “(11) Coordinate with the Administrator of the
2 Office of Federal Procurement Policy to ensure ef-
3 fective implementation of electronic procurement ini-
4 tiatives.

5 “(12) Assist Federal agencies, including the
6 General Services Administration and the Depart-
7 ment of Justice, and the United States Access Board
8 in—

9 “(A) implementing accessibility standards
10 under section 508 of the Rehabilitation Act of
11 1973 (29 U.S.C. 794d); and

12 “(B) ensuring compliance with those
13 standards through the budget review process
14 and other means.

15 “(13) Oversee the development of enterprise ar-
16 chitectures within and across agencies.

17 “(14) Administer the Office of Electronic Gov-
18 ernment established under section 3602.

19 “(15) Assist the Director in preparing the E-
20 Government report established under section 3605.

21 “(g) The Director shall ensure that the Office of
22 Management and Budget, including the Office of Elec-
23 tronic Government, the Office of Information and Regu-
24 latory Affairs, and other relevant offices, have adequate

1 staff and resources to properly fulfill all functions under
2 the E-Government Act of 2002.

3 **“§ 3603. Chief Information Officers Council**

4 “(a) There is established in the executive branch a
5 Chief Information Officers Council.

6 “(b) The members of the Council shall be as follows:

7 “(1) The Deputy Director for Management of
8 the Office of Management and Budget, who shall act
9 as chairperson of the Council.

10 “(2) The Administrator of the Office of Elec-
11 tronic Government.

12 “(3) The Administrator of the Office of Infor-
13 mation and Regulatory Affairs.

14 “(4) The chief information officer of each agen-
15 cy described under section 901(b) of title 31.

16 “(5) The chief information officer of the Cen-
17 tral Intelligence Agency.

18 “(6) The chief information officer of the De-
19 partment of the Army, the Department of the Navy,
20 and the Department of the Air Force, if chief infor-
21 mation officers have been designated for such de-
22 partments under section 3506(a)(2)(B).

23 “(7) Any other officer or employee of the
24 United States designated by the chairperson.

1 “(c)(1) The Administrator of the Office of Electronic
2 Government shall lead the activities of the Council on be-
3 half of the Deputy Director for Management.

4 “(2)(A) The Vice Chairman of the Council shall be
5 selected by the Council from among its members.

6 “(B) The Vice Chairman shall serve a 1-year term,
7 and may serve multiple terms.

8 “(3) The Administrator of General Services shall pro-
9 vide administrative and other support for the Council.

10 “(d) The Council is designated the principal inter-
11 agency forum for improving agency practices related to
12 the design, acquisition, development, modernization, use,
13 operation, sharing, and performance of Federal Govern-
14 ment information resources.

15 “(e) The Council shall perform the following func-
16 tions:

17 “(1) Develop recommendations for the Director
18 on Government information resources management
19 policies and requirements.

20 “(2) Share experiences, ideas, best practices,
21 and innovative approaches related to information re-
22 sources management.

23 “(3) Assist the Administrator in the identifica-
24 tion, development, and coordination of multiagency
25 projects and other innovative initiatives to improve

1 Government performance through the use of infor-
2 mation technology.

3 “(4) Promote the development and use of com-
4 mon performance measures for agency information
5 resources management under this chapter and title
6 II of the E-Government Act of 2002.

7 “(5) Work as appropriate with the National In-
8 stitute of Standards and Technology and the Admin-
9 istrator to develop recommendations on information
10 technology standards developed under section 20 of
11 the National Institute of Standards and Technology
12 Act (15 U.S.C. 278g-3) and promulgated under sec-
13 tion 5131 of the Clinger-Cohen Act of 1996 (40
14 U.S.C. 1441), as follows:

15 “(A) Standards and guidelines for
16 interconnectivity and interoperability as de-
17 scribed under section 3504.

18 “(B) Standards and guidelines for catego-
19 rizing Federal Government electronic informa-
20 tion to enable efficient use of technologies, such
21 as through the use of extensible markup lan-
22 guage.

23 “(C) Standards and guidelines for Federal
24 Government computer system efficiency and se-
25 curity.

1 “(6) Work with the Office of Personnel Man-
2 agement to assess and address the hiring, training,
3 classification, and professional development needs of
4 the Government related to information resources
5 management.

6 **“§ 3604. E-Government Fund**

7 “(a)(1) There is established in the General Services
8 Administration the E-Government Fund.

9 “(2) The Fund shall be administered by the Adminis-
10 trator of the General Services Administration to support
11 projects approved by the Director, assisted by the Admin-
12 istrator of the Office of Electronic Government, that en-
13 able the Federal Government to expand its ability, through
14 the development and implementation of innovative uses of
15 the Internet or other electronic methods, to conduct activi-
16 ties electronically.

17 “(3) Projects under this subsection may include ef-
18 forts to—

19 “(A) make Federal information and services
20 more readily available to members of the public (in-
21 cluding individuals, businesses, grantees, and State
22 and local governments);

23 “(B) make it easier for the public to apply for
24 benefits, receive services, pursue business opportuni-

1 ties, submit information, and otherwise conduct
2 transactions with the Federal Government; and

3 “(C) enable Federal agencies to take advantage
4 of information technology in sharing information
5 and conducting transactions with each other and
6 with State and local governments.

7 “(b)(1) The Administrator shall—

8 “(A) establish procedures for accepting and re-
9 viewing proposals for funding; and

10 “(B) consult with interagency councils, includ-
11 ing the Chief Information Officers Council, the Chief
12 Financial Officers Council, and other interagency
13 management councils, in establishing procedures and
14 reviewing proposals.

15 “(2) When reviewing proposals and managing the
16 Fund, the Administrator shall observe and incorporate the
17 following procedures:

18 “(A) A project requiring substantial involve-
19 ment or funding from an agency shall be approved
20 by a senior official with agencywide authority on be-
21 half of the head of the agency, who shall report di-
22 rectly to the head of the agency.

23 “(B) Projects shall adhere to fundamental cap-
24 ital planning and investment control processes.

1 “(C) Agencies shall assess the results of funded
2 projects.

3 “(D) Agencies shall identify in their proposals
4 resource commitments from the agencies involved,
5 and include plans for potential continuation of
6 projects after all funds made available from the
7 Fund are expended.

8 “(E) After considering the recommendations of
9 the interagency councils, the Director, assisted by
10 the Administrator, shall have final authority to de-
11 termine which of the candidate projects shall be
12 funded from the Fund.

13 “(c) In determining which proposals to recommend
14 for funding, the Administrator—

15 “(1) shall consider criteria that include whether
16 a proposal—

17 “(A) identifies the customer group to be
18 served, including citizens, businesses, the Fed-
19 eral Government, or other governments;

20 “(B) indicates what service or information
21 the project will provide that meets needs of cus-
22 tomers;

23 “(C) directly delivers services to the public
24 or provides the infrastructure for delivery;

1 “(D) ensures proper security and protects
2 privacy;

3 “(E) is interagency in scope, including
4 projects implemented by a primary or single
5 agency that—

6 “(i) could confer benefits on multiple
7 agencies; and

8 “(ii) have the support of other agen-
9 cies;

10 “(F) supports integrated service delivery;

11 “(G) describes how business processes
12 across agencies will reflect appropriate trans-
13 formation simultaneous to technology imple-
14 mentation;

15 “(H) has performance objectives that tie to
16 agency missions and strategic goals, and in-
17 terim results that relate to the objectives; and

18 “(I) is new or innovative and does not sup-
19 plant existing funding streams within agencies;
20 and

21 “(2) may also rank proposals based on criteria
22 that include whether a proposal—

23 “(A) has Governmentwide application or
24 implications;

1 “(B) has demonstrated support by the cus-
2 tomers to be served;

3 “(C) integrates Federal with State, local,
4 or tribal approaches to service delivery;

5 “(D) identifies resource commitments from
6 nongovernmental sectors;

7 “(E) identifies resource commitments from
8 the agencies involved; and

9 “(F) uses web-based technologies to
10 achieve objectives.

11 “(d) The Fund may be used to fund the integrated
12 Internet-based system under section 204 of the E-Govern-
13 ment Act of 2002.

14 “(e) None of the funds provided from the Fund may
15 be transferred to any agency until 15 days after the Ad-
16 ministrators of the General Services Administration has
17 submitted to the Committees on Appropriations of the
18 Senate and the House of Representatives, the Committee
19 on Governmental Affairs of the Senate, the Committee on
20 Government Reform of the House of Representatives, and
21 the appropriate authorizing committees of the Senate and
22 the House of Representatives, a notification and descrip-
23 tion of how the funds are to be allocated and how the ex-
24 penditure will further the purposes of this chapter.

1 “(f)(1) The Director shall report annually to Con-
2 gress on the operation of the Fund, through the report
3 established under section 3605.

4 “(2) The report shall describe—

5 “(A) all projects which the Director has ap-
6 proved for funding from the Fund; and

7 “(B) the results that have been achieved to date
8 for these funded projects.

9 “(g)(1) There are authorized to be appropriated to
10 the Fund—

11 “(A) \$45,000,000 for fiscal year 2003;

12 “(B) \$50,000,000 for fiscal year 2004;

13 “(C) \$100,000,000 for fiscal year 2005;

14 “(D) \$150,000,000 for fiscal year 2006; and

15 “(E) such sums as are necessary for fiscal year
16 2007.

17 “(2) Funds appropriated under this subsection shall
18 remain available until expended.

19 **“§ 3605. E-Government report**

20 “(a) Not later than March 1 of each year, the Direc-
21 tor shall submit an E-Government status report to the
22 Committee on Governmental Affairs of the Senate and the
23 Committee on Government Reform of the House of Rep-
24 resentatives.

25 “(b) The report shall contain—

1 “(1) a summary of the information reported by
2 agencies under section 202 (f) of the E-Government
3 Act of 2002;

4 “(2) the information required to be reported by
5 section 3604(f); and

6 “(3) a description of compliance by the Federal
7 Government with other goals and provisions of the
8 E-Government Act of 2002.”.

9 (b) TECHNICAL AND CONFORMING AMENDMENT.—
10 The table of chapters for title 44, United States Code,
11 is amended by inserting after the item relating to chapter
12 35 the following:

“36. Management and Promotion of Electronic Govern-
ment Services 3601”.

13 **SEC. 102. CONFORMING AMENDMENTS.**

14 (a) ELECTRONIC GOVERNMENT AND INFORMATION
15 TECHNOLOGIES.—

16 (1) IN GENERAL.—The Federal Property and
17 Administrative Services Act of 1949 (40 U.S.C. 471
18 et seq.) is amended by inserting after section 112
19 the following:

20 **“SEC. 113. ELECTRONIC GOVERNMENT AND INFORMATION**
21 **TECHNOLOGIES.**

22 “The Administrator of General Services shall consult
23 with the Administrator of the Office of Electronic Govern-
24 ment on programs undertaken by the General Services Ad-

1 ministration to promote electronic Government and the ef-
2 ficient use of information technologies by Federal agen-
3 cies.”.

4 (2) TECHNICAL AND CONFORMING AMEND-
5 MENT.—The table of sections for the Federal Prop-
6 erty and Administrative Services Act of 1949 is
7 amended by inserting after the item relating to sec-
8 tion 112 the following:

“Sec. 113. Electronic Government and information technologies.”.

9 (b) MODIFICATION OF DEPUTY DIRECTOR FOR MAN-
10 AGEMENT FUNCTIONS.—Section 503(b) of title 31, United
11 States Code, is amended—

12 (1) by redesignating paragraphs (5), (6), (7),
13 (8), and (9), as paragraphs (6), (7), (8), (9), and
14 (10), respectively; and

15 (2) by inserting after paragraph (4) the fol-
16 lowing:

17 “(5) Chair the Chief Information Officers
18 Council established under section 3603 of title 44.”.

19 (c) OFFICE OF ELECTRONIC GOVERNMENT.—

20 (1) IN GENERAL.—Chapter 5 of title 31, United
21 States Code, is amended by inserting after section
22 506 the following:

1 **“§ 507. Office of Electronic Government**

2 “The Office of Electronic Government, established
3 under section 3602 of title 44, is an office in the Office
4 of Management and Budget.”.

5 (2) TECHNICAL AND CONFORMING AMEND-
6 MENT.—The table of sections for chapter 5 of title
7 31, United States Code, is amended by inserting
8 after the item relating to section 506 the following:
“507. Office of Electronic Government.”.

9 **TITLE II—FEDERAL MANAGE-**
10 **MENT AND PROMOTION OF**
11 **ELECTRONIC GOVERNMENT**
12 **SERVICES**

13 **SEC. 201. DEFINITIONS.**

14 Except as otherwise provided, in this title the defini-
15 tions under sections 3502 and 3601 of title 44, United
16 States Code, shall apply.

17 **SEC. 202. FEDERAL AGENCY RESPONSIBILITIES.**

18 (a) IN GENERAL.—The head of each agency shall be
19 responsible for—

20 (1) complying with the requirements of this Act
21 (including the amendments made by this Act), the
22 related information resource management policies
23 and guidance established by the Director of the Of-
24 fice of Management and Budget, and the related in-

1 formation technology standards promulgated by the
2 Secretary of Commerce;

3 (2) ensuring that the information resource
4 management policies and guidance established under
5 this Act by the Director, and the information tech-
6 nology standards promulgated under this Act by the
7 Secretary of Commerce are communicated promptly
8 and effectively to all relevant officials within their
9 agency; and

10 (3) supporting the efforts of the Director and
11 the Administrator of the General Services Adminis-
12 tration to develop, maintain, and promote an inte-
13 grated Internet-based system of delivering Federal
14 Government information and services to the public
15 under section 204.

16 (b) PERFORMANCE INTEGRATION.—

17 (1) Agencies shall develop performance meas-
18 ures that demonstrate how electronic government en-
19 ables progress toward agency objectives and stra-
20 tegic goals.

21 (2) In measuring performance under this sec-
22 tion, agencies shall rely on existing data collections
23 to the extent practicable.

24 (3) Areas of performance measurement that
25 agencies should consider include—

1 (A) customer service;

2 (B) agency productivity; and

3 (C) adoption of innovative information
4 technology, including the appropriate use of
5 commercial best practices.

6 (4) Agencies shall link their performance goals
7 to key customer segments, including citizens, busi-
8 nesses, and other governments, and to internal Fed-
9 eral Government operations.

10 (5) As appropriate, agencies shall work collec-
11 tively in linking their performance goals to key cus-
12 tomer segments and shall use information technology
13 in delivering information and services to common
14 customer groups.

15 (c) AVOIDING DIMINISHED ACCESS.—When promul-
16 gating policies and implementing programs regarding the
17 provision of information and services over the Internet,
18 agency heads shall consider the impact on persons without
19 access to the Internet, and shall, to the extent
20 practicable—

21 (1) ensure that the availability of Government
22 services and information has not been diminished for
23 individuals who lack access to the Internet; and

24 (2) pursue alternate modes of delivery that
25 make Government services and information more ac-

1 cessible to individuals who do not own computers or
2 lack access to the Internet.

3 (d) ACCESSIBILITY TO PEOPLE WITH DISABIL-
4 ITIES.—All actions taken by Federal departments and
5 agencies under this Act shall be in compliance with section
6 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d).

7 (e) CHIEF INFORMATION OFFICERS.—The Chief In-
8 formation Officer of each of the agencies designated under
9 chapter 36 of title 44, United States Code (as added by
10 this Act) shall be responsible for—

11 (1) participating in the functions of the Chief
12 Information Officers Council; and

13 (2) monitoring the implementation, within their
14 respective agencies, of information technology stand-
15 ards promulgated under this Act by the Secretary of
16 Commerce, including common standards for
17 interconnectivity and interoperability, categorization
18 of Federal Government electronic information, and
19 computer system efficiency and security.

20 (f) E-GOVERNMENT STATUS REPORT.—

21 (1) IN GENERAL.—Each agency shall compile
22 and submit to the Director an E-Government Status
23 Report on—

24 (A) the status of the implementation by
25 the agency of electronic government initiatives;

1 (B) compliance by the agency with this
2 Act; and

3 (C) how electronic Government initiatives
4 of the agency improve performance in delivering
5 programs to constituencies.

6 (2) SUBMISSION.—Each agency shall submit a
7 report under this subsection—

8 (A) to the Director at such time and in
9 such manner as the Director requires; and

10 (B) consistent with related reporting re-
11 quirements.

12 (g) USE OF TECHNOLOGY.—Nothing in this Act su-
13 persedes the responsibility of an agency to use information
14 technology to deliver information and services that fulfill
15 the statutory mission and programs of the agency.

16 **SEC. 203. COMPATIBILITY OF EXECUTIVE AGENCY METH-**
17 **ODS FOR USE AND ACCEPTANCE OF ELEC-**
18 **TRONIC SIGNATURES.**

19 (a) PURPOSE.—The purpose of this section is to
20 achieve interoperable implementation of electronic signa-
21 tures for secure electronic government.

22 (b) ELECTRONIC SIGNATURES.—In order to fulfill
23 the objectives of the Government Paperwork Elimination
24 Act (Public Law 105–277; 112 Stat. 2681–749 through
25 2681–751), each Executive agency (as defined under sec-

1 tion 105 of title 5, United States Code) shall ensure that
2 its methods for use and acceptance of electronic signatures
3 are compatible with the relevant procedures and standards
4 promulgated by the Director.

5 (c) AUTHORITY FOR ELECTRONIC SIGNATURES.—
6 The Administrator of General Services shall support the
7 Director by establishing a framework to allow efficient
8 interoperability among Executive agencies when using
9 electronic signatures, including certification of digital sig-
10 natures.

11 (d) AUTHORIZATION OF APPROPRIATIONS.—There
12 are authorized to be appropriated to the General Services
13 Administration, to ensure the development and operation
14 of a Federal bridge certification authority for digital sig-
15 nature compatibility, or for other activities consistent with
16 this section, \$8,000,000 in fiscal year 2003, and such
17 sums as are necessary for each fiscal year thereafter.

18 **SEC. 204. FEDERAL INTERNET PORTAL.**

19 (a) IN GENERAL.—

20 (1) PUBLIC ACCESS.—The Director shall work
21 with the Administrator of the General Services Ad-
22 ministration and other agencies to maintain and pro-
23 mote an integrated Internet-based system of pro-
24 viding the public with access to Government infor-
25 mation and services.

1 (2) CRITERIA.—To the extent practicable, the
2 integrated system shall be designed and operated ac-
3 cording to the following criteria:

4 (A) The provision of Internet-based Gov-
5 ernment information and services directed to
6 key customer groups, including citizens, busi-
7 ness, and other governments, and integrated ac-
8 cording to function rather than separated ac-
9 cording to the boundaries of agency jurisdic-
10 tion.

11 (B) An ongoing effort to ensure that Inter-
12 net-based Government services relevant to a
13 given citizen activity are available from a single
14 point.

15 (C) Access to Federal Government infor-
16 mation and services consolidated, as appro-
17 priate, with Internet-based information and
18 services provided by State, local, and tribal gov-
19 ernments.

20 (b) AUTHORIZATION OF APPROPRIATIONS.—There
21 are authorized to be appropriated to the General Services
22 Administration \$15,000,000 for the maintenance, im-
23 provement, and promotion of the integrated Internet-
24 based system for fiscal year 2003, and such sums as are
25 necessary for fiscal years 2004 through 2007.

1 **SEC. 205. FEDERAL COURTS.**

2 (a) INDIVIDUAL COURT WEBSITES.—The Chief Jus-
3 tice of the United States, the chief judge of each circuit
4 and district, and the chief bankruptcy judge of each dis-
5 trict shall establish with respect to the Supreme Court or
6 the respective court of appeals, district, or bankruptcy
7 court of a district, a website that contains the following
8 information or links to websites with the following infor-
9 mation:

10 (1) Location and contact information for the
11 courthouse, including the telephone numbers and
12 contact names for the clerk's office and justices' or
13 judges' chambers.

14 (2) Local rules and standing or general orders
15 of the court.

16 (3) Individual rules, if in existence, of each jus-
17 tice or judge in that court.

18 (4) Access to docket information for each case.

19 (5) Access to the substance of all written opin-
20 ions issued by the court, regardless of whether such
21 opinions are to be published in the official court re-
22 porter, in a text searchable format.

23 (6) Access to all documents filed with the court-
24 house in electronic form, described under subsection
25 (c)(2).

1 (7) Any other information (including forms in
2 a format that can be downloaded) that the court de-
3 termines useful to the public.

4 (b) MAINTENANCE OF DATA ONLINE.—

5 (1) UPDATE OF INFORMATION.—The informa-
6 tion and rules on each website shall be updated reg-
7 ularly and kept reasonably current.

8 (2) CLOSED CASES.—Electronic files and docket
9 information for cases closed for more than 1 year
10 are not required to be made available online, except
11 all written opinions with a date of issuance after the
12 effective date of this section shall remain available
13 online.

14 (c) ELECTRONIC FILINGS.—

15 (1) IN GENERAL.—Except as provided under
16 paragraph (2), each court shall make any document
17 that is filed electronically publicly available online. A
18 court may convert any document that is filed in
19 paper form to electronic form. To the extent such
20 conversions are made, all such electronic versions of
21 the document shall be made available online.

22 (2) EXCEPTIONS.—

23 (A) IN GENERAL.—Documents that are
24 filed that are not otherwise available to the

1 public, such as documents filed under seal, shall
2 not be made available online.

3 (B) LIMITATION.—

4 (i) IN GENERAL.—A party, witness, or
5 other person with an interest may file a
6 motion with the court to redact any docu-
7 ment that would be made available online
8 under this section.

9 (ii) REDACTION.—A redaction under
10 this subparagraph shall be made only to—

11 (I) the electronic form of the docu-
12 ment made available online; and

13 (II) the extent necessary to pro-
14 tect important privacy concerns.

15 (3) PRIVACY AND SECURITY CONCERNS.—The
16 Judicial Conference of the United States may pro-
17 mulgate rules under this subsection to protect im-
18 portant privacy and security concerns.

19 (d) DOCKETS WITH LINKS TO DOCUMENTS.—The
20 Judicial Conference of the United States shall explore the
21 feasibility of technology to post online dockets with links
22 allowing all filings, decisions, and rulings in each case to
23 be obtained from the docket sheet of that case.

24 (e) COST OF PROVIDING ELECTRONIC DOCKETING
25 INFORMATION.—Section 503(a) of the Judiciary Appro-

1 priations Act, 1992 (28 U.S.C. 1913 note) is amended in
2 the first sentence by striking “shall hereafter” and insert-
3 ing “may, only to the extent necessary,”.

4 (f) TIME REQUIREMENTS.—Not later than 2 years
5 after the effective date of this title, the websites under
6 subsection (a) shall be established, except that access to
7 documents filed in electronic form shall be established not
8 later than 4 years after that effective date.

9 (g) DEFERRAL.—

10 (1) IN GENERAL.—

11 (A) ELECTION.—

12 (i) NOTIFICATION.—The Chief Justice
13 of the United States, a chief judge, or
14 chief bankruptcy judge may submit a noti-
15 fication to the Administrative Office of the
16 United States Courts to defer compliance
17 with any requirement of this section with
18 respect to the Supreme Court, a court of
19 appeals, district, or the bankruptcy court
20 of a district.

21 (ii) CONTENTS.—A notification sub-
22 mitted under this subparagraph shall
23 state—

24 (I) the reasons for the deferral;

25 and

1 (II) the online methods, if any,
2 or any alternative methods, such court
3 or district is using to provide greater
4 public access to information.

5 (B) EXCEPTION.—To the extent that the
6 Supreme Court, a court of appeals, district, or
7 bankruptcy court of a district maintains a
8 website under subsection (a), the Supreme
9 Court or that court of appeals or district shall
10 comply with subsection (b)(1).

11 (2) REPORT.—Not later than 1 year after the
12 effective date of this title, and every year thereafter,
13 the Judicial Conference of the United States shall
14 submit a report to the Committees on Governmental
15 Affairs and the Judiciary of the Senate and the
16 Committees on Government Reform and the Judici-
17 ary of the House of Representatives that—

18 (A) contains all notifications submitted to
19 the Administrative Office of the United States
20 Courts under this subsection; and

21 (B) summarizes and evaluates all notifica-
22 tions.

23 **SEC. 206. REGULATORY AGENCIES.**

24 (a) PURPOSES.—The purposes of this section are
25 to—

1 (1) improve performance in the development
2 and issuance of agency regulations by using infor-
3 mation technology to increase access, accountability,
4 and transparency; and

5 (2) enhance public participation in Government
6 by electronic means, consistent with requirements
7 under subchapter II of chapter 5 of title 5, United
8 States Code, (commonly referred to as the Adminis-
9 trative Procedures Act).

10 (b) INFORMATION PROVIDED BY AGENCIES ON-
11 LINE.—To the extent practicable as determined by the
12 agency in consultation with the Director, each agency (as
13 defined under section 551 of title 5, United States Code)
14 shall ensure that a publicly accessible Federal Government
15 website includes all information about that agency re-
16 quired to be published in the Federal Register under sec-
17 tion 552(a)(1) of title 5, United States Code.

18 (c) SUBMISSIONS BY ELECTRONIC MEANS.—To the
19 extent practicable, agencies shall accept submissions under
20 section 553(c) of title 5, United States Code, by electronic
21 means, including e-mail and telefacsimile.

22 (d) ELECTRONIC DOCKETING.—

23 (1) IN GENERAL.—To the extent practicable, as
24 determined by the agency in consultation with the
25 Director, agencies shall ensure that a publicly acces-

1 sible Federal Government website contains electronic
2 dockets for rulemakings under section 553 of title 5,
3 United States Code.

4 (2) INFORMATION AVAILABLE.—Agency elec-
5 tronic dockets shall make publicly available online to
6 the extent practicable, as determined by the agency
7 in consultation with the Director—

8 (A) all submissions under section 553(c) of
9 title 5, United States Code; and

10 (B) other materials that by agency rule or
11 practice are included in the rulemaking docket
12 under section 553(c) of title 5, United States
13 Code, whether or not submitted electronically.

14 (e) TIME LIMITATION.—Agencies shall implement the
15 requirements of this section consistent with a timetable
16 established by the Director and reported to Congress in
17 the first annual report under section 3605 of title 44 (as
18 added by this Act).

19 **SEC. 207. ACCESSIBILITY, USABILITY, AND PRESERVATION**
20 **OF GOVERNMENT INFORMATION.**

21 (a) PURPOSE.—The purpose of this section is to im-
22 prove the methods by which Government information, in-
23 cluding information on the Internet, is organized, pre-
24 served, and made accessible to the public.

25 (b) DEFINITIONS.—In this section, the term—

1 (1) “agency” has the meaning given under sec-
2 tion 3502(1) of title 44, United States Code;

3 (2) “Committee” means the Interagency Com-
4 mittee on Government Information established under
5 subsection (c);

6 (3) “directory” means a taxonomy of subjects
7 linked to websites that—

8 (A) organizes Government information on
9 the Internet according to subject matter; and

10 (B) may be created with the participation
11 of human editors;

12 (4) “Government information” means informa-
13 tion created, collected, processed, disseminated, or
14 disposed of by or for the Federal Government; and

15 (5) “information” means any communication or
16 representation of knowledge such as facts, data, or
17 opinions, in any medium or form, including textual,
18 numerical, graphic, cartographic, narrative, or
19 audiovisual forms.

20 (c) INTERAGENCY COMMITTEE.—

21 (1) ESTABLISHMENT.—Not later than 90 days
22 after the date of enactment of this title, the Director
23 shall establish the Interagency Committee on Gov-
24 ernment Information.

1 (2) MEMBERSHIP.—The Committee shall be
2 chaired by the Director or the designee of the Direc-
3 tor and—

4 (A) shall include representatives from—

5 (i) the National Archives and Records
6 Administration;

7 (ii) the offices of the Chief Informa-
8 tion Officers from Federal agencies; and

9 (iii) other relevant officers from the
10 executive branch; and

11 (B) may include representatives from the
12 Federal legislative and judicial branches.

13 (3) FUNCTIONS.—The Committee shall—

14 (A) engage in public consultation to the
15 maximum extent feasible, including consultation
16 with interested communities such as public ad-
17 vocacy organizations;

18 (B) conduct studies and submit rec-
19 ommendations, as provided under this section,
20 to the Director and Congress;

21 (C) act as a resource to assist agencies in
22 the effective implementation of policies derived
23 from this Act; and

1 (D) share effective practices for access to,
2 dissemination of, and retention of Federal in-
3 formation.

4 (4) TERMINATION.—The Committee shall ter-
5minate on a date determined by the Director, except
6the Committee may not terminate before the Com-
7mittee submits all recommendations required under
8this section.

9 (d) CATEGORIZING OF INFORMATION.—

10 (1) COMMITTEE FUNCTIONS.—Not later than 1
11 year after the date of enactment of this Act, the
12 Committee shall submit recommendations to the Di-
13 rector on—

14 (A) the adoption of standards, which are
15 open to the maximum extent feasible, to enable
16 the organization and categorization of Govern-
17 ment information—

18 (i) in a way that is searchable elec-
19 tronically, including by searchable identi-
20 fiers; and

21 (iii) in ways that are interoperable
22 across agencies;

23 (B) the definition of categories of Govern-
24 ment information which should be classified
25 under the standards; and

1 (C) determining priorities and developing
2 schedules for the initial implementation of the
3 standards by agencies.

4 (2) FUNCTIONS OF THE DIRECTOR.—Not later
5 than 180 days after the submission of recommenda-
6 tions under paragraph (1), the Director shall issue
7 policies—

8 (A) requiring the adoption of standards,
9 which are open to the maximum extent feasible,
10 to enable the organization and categorization of
11 Government information—

12 (i) in a way that is searchable elec-
13 tronically, including by searchable identi-
14 fiers; and

15 (ii) in ways that are interoperable
16 across agencies;

17 (B) defining categories of Government in-
18 formation which shall be required to be classi-
19 fied under the standards; and

20 (C) determining priorities and developing
21 schedules for the initial implementation of the
22 standards by agencies.

23 (3) COMPLIANCE REPORT.—After the submis-
24 sion of agency reports under paragraph (4), the Di-
25 rector shall—

1 (A) annually report to Congress on compli-
2 ance with this subsection in the E-Government
3 report under section 3605 of title 44, United
4 States Code (as added by this Act); and

5 (B) modify the policies, as needed, in con-
6 sultation with the Committee and interested
7 parties.

8 (4) AGENCY FUNCTIONS.—Each agency shall
9 report annually to the Director, in the report estab-
10 lished under section 202(f), on compliance of that
11 agency with the policies issued under paragraph
12 (2)(A).

13 (e) PUBLIC ACCESS TO ELECTRONIC INFORMA-
14 TION.—

15 (1) COMMITTEE FUNCTIONS.—Not later than 1
16 year after the date of enactment of this Act, the
17 Committee shall submit recommendations to the Di-
18 rector and the Archivist of the National Archives
19 and Records Administration on—

20 (A) the adoption by agencies of policies
21 and procedures to ensure that chapters 21, 25,
22 27, 29, and 31 of title 44, United States Code,
23 are applied effectively and comprehensively to
24 Government information on the Internet and to
25 other electronic records; and

1 (B) the imposition of timetables for the
2 implementation of the policies and procedures
3 by agencies.

4 (2) FUNCTIONS OF THE ARCHIVIST.—Not later
5 than 180 days after the submission of recommenda-
6 tions by the Committee under paragraph (1), the
7 Archivist of the National Archives and Records Ad-
8 ministration shall issue policies—

9 (A) requiring the adoption by agencies of
10 policies and procedures to ensure that chapters
11 21, 25, 27, 29, and 31 of title 44, United
12 States Code, are applied effectively and com-
13 prehensively to Government information on the
14 Internet and to other electronic records; and

15 (B) imposing timetables for the implemen-
16 tation of the policies, procedures, and tech-
17 nologies by agencies.

18 (3) MODIFICATION OF POLICIES.—After the
19 submission of agency reports under paragraph (4),
20 the Archivist shall modify the policies, as needed, in
21 consultation with the Committee and interested par-
22 ties.

23 (4) AGENCY FUNCTIONS.—Each agency shall
24 report annually to the Director, in the report estab-
25 lished under section 202(f), on compliance of that

1 agency with the policies issued under paragraph
2 (2)(A).

3 (5) FUNCTIONS OF THE DIRECTOR.—After the
4 submission of agency reports under paragraph (4),
5 the Director shall annually report to Congress on
6 compliance with this subsection in the E-Govern-
7 ment report under section 3605 of title 44 (as added
8 by this Act).

9 (f) EDUCATIONAL RESOURCE MATERIALS.—

10 (1) COMMITTEE FUNCTIONS.—

11 (A) IDENTIFICATION OF AGENCIES.—Not
12 later than 90 days after the date of enactment
13 of this Act, the Committee shall identify agen-
14 cies involved in disseminating educational re-
15 sources materials.

16 (B) RECOMMENDATIONS.—Not later than
17 15 months after the date of enactment of this
18 Act, working with the Librarian of Congress,
19 the Archivist of the National Archives and
20 Records Administration, the Director or the In-
21 stitute of Museum and Library Services, and
22 the agencies previously identified by the Com-
23 mittee, and after consultation with interested
24 parties, including libraries, historical societies,
25 archival institutions, and other cultural and

1 academic organizations, the Committee shall
2 submit recommendations to the Director on—

3 (i) policies to promote coordinated ac-
4 cess to educational resources materials on
5 the Internet; and

6 (ii) the imposition of timetables for
7 the implementation of the policies by agen-
8 cies, where appropriate.

9 (2) FUNCTIONS OF THE DIRECTOR.—

10 (A) Not later than 180 days after the sub-
11 mission of recommendations by the Committee
12 under paragraph (1)(B), the Director shall
13 issue policies—

14 (i) promoting coordinated access to
15 educational resources materials on the
16 Internet; and

17 (ii) imposing timetables for the imple-
18 mentation of the policies by agencies, as
19 appropriate.

20 (B) After the submission of agency reports
21 under paragraph (3), the Director shall—

22 (i) annually report to Congress on
23 compliance with this subsection in the E-
24 Government report under section 3605 of
25 title 44 (as added by this Act); and

1 (ii) refine the policies, as needed, in
2 consultation with the Committee and inter-
3 ested parties.

4 (3) AGENCY FUNCTIONS.—Each agency shall
5 report annually to the Director, in the report estab-
6 lished in section 202(f), on compliance of that agen-
7 cy with the policies issued under paragraph (2)(A).

8 (g) AVAILABILITY OF GOVERNMENT INFORMATION
9 ON THE INTERNET.—

10 (1) IN GENERAL.—Not later than 1 year after
11 the date of enactment of this Act, each agency
12 shall—

13 (A) consult with the Committee and solicit
14 public comment;

15 (B) determine which Government informa-
16 tion the agency intends to make available and
17 accessible to the public on the Internet and by
18 other means;

19 (C) develop priorities and schedules for
20 making that Government information available
21 and accessible;

22 (D) make such final determinations, prior-
23 ities, and schedules available for public com-
24 ment;

1 (E) post such final determinations, prior-
2 ities, and schedules on the Internet; and

3 (F) submit such final determinations, pri-
4 orities, and schedules to the Director, in the re-
5 port established under section 202(f).

6 (2) UPDATE.—Each agency shall update deter-
7 minations, priorities, and schedules of the agency, as
8 needed, after consulting with the Committee and so-
9 liciting public comment, if appropriate.

10 (h) ACCESS TO FEDERALLY FUNDED RESEARCH AND
11 DEVELOPMENT.—

12 (1) DEFINITIONS.—In this subsection, the
13 term—

14 (A) “essential information” shall include—

15 (i) the name, mission, and annual
16 budget authority for research and develop-
17 ment of all Federal agencies, constituent
18 bureaus of agencies, the constituent pro-
19 grams of such bureaus, and the constituent
20 projects of such programs; and

21 (ii) details on every separable research
22 and development task performed
23 intramurally within the Federal entities de-
24 scribed under clause (i) on every extra-
25 mural research and development award

1 made by the Federal entities described
2 under clause (i), and on every individual
3 research and development task or award,
4 including field work proposals, made by a
5 federally funded research and development
6 center, including—

7 (I) the unique identifying number
8 of the task or award;

9 (II) the dates upon which the re-
10 search and development task or award
11 is expected to start and end;

12 (III) an abstract describing the
13 objective and the scientific and tech-
14 nical focus of the research and devel-
15 opment task or award;

16 (IV) the name of the principal
17 person or persons performing the re-
18 search and development, their contact
19 information and institutional affili-
20 ations, and the geographic location of
21 the institution;

22 (V) the total amount of Federal
23 funds expected to be provided to the
24 research and development task or
25 award over its lifetime and the

1 amount of funds expected to be pro-
2 vided in each fiscal year in which the
3 work of the research and development
4 task or award is ongoing;

5 (VI) the type of legal instrument
6 under which the research and develop-
7 ment funds were transferred to the re-
8 cipient;

9 (VII) the name and location of
10 any industrial partner formally in-
11 volved in the performance of the re-
12 search and development task or
13 award;

14 (VIII) any restrictions attached
15 to the task or award that would pre-
16 vent the sharing with the general pub-
17 lic of any or all of the information de-
18 termined to be essential information,
19 and the reasons for such restrictions;
20 and

21 (IX) such other information as
22 may be determined to be appropriate;
23 and

24 (B) “Federal research and development”—

1 (i) means those activities which con-
2 stitute basic research, applied research,
3 and development as defined by the Direc-
4 tor; and

5 (ii) shall include all funds spent on
6 Federal research and development that are
7 provided to—

8 (I) institutions and entities not a
9 part of the Federal Government,
10 including—

11 (aa) State, local, and foreign
12 governments;

13 (bb) industrial firms;

14 (cc) educational institutions;

15 (dd) not-for-profit organiza-
16 tions;

17 (ee) federally funded re-
18 search and development centers;

19 and

20 (ff) private individuals; and

21 (II) entities of the Federal Gov-
22 ernment, including research and de-
23 velopment laboratories, centers, and
24 offices.

1 (2) DEVELOPMENT AND MAINTENANCE OF GOV-
2 ERNMENTWIDE DATABASE AND WEBSITE.—

3 (A) DATABASE AND WEBSITE.—The Direc-
4 tor of the National Science Foundation, work-
5 ing with the Director of the Office of Manage-
6 ment and Budget and the Director of the Office
7 of Science and Technology Policy, shall develop
8 and maintain—

9 (i) a database that fully integrates, to
10 the maximum extent feasible, all essential
11 information on Federal research and devel-
12 opment that is gathered and maintained by
13 Federal agencies; and

14 (ii) 1 or more websites upon which all
15 or part of the database of Federal research
16 and development shall be made available to
17 and searchable by Federal agencies and
18 non-Federal entities, including the general
19 public, to facilitate—

20 (I) the coordination of Federal
21 research and development activities;

22 (II) collaboration among those
23 conducting Federal research and de-
24 velopment;

1 (III) the transfer of technology
2 among Federal agencies and between
3 Federal agencies and non-Federal en-
4 tities; and

5 (IV) access by policymakers and
6 the public to information concerning
7 Federal research and development ac-
8 tivities.

9 (B) OVERSIGHT.—The Director of the Of-
10 fice of Management and Budget shall oversee
11 the development and operation of the database
12 and website and issue any guidance determined
13 necessary to ensure that agencies provide all es-
14 sential information requested under this sub-
15 section.

16 (3) AGENCY FUNCTIONS.—

17 (A) IN GENERAL.—Any agency that funds
18 Federal research and development of this sub-
19 section shall—

20 (i) provide the information required to
21 populate the database in the manner pre-
22 scribed by the Director of the Office of
23 Management and Budget; and

24 (ii) report annually to the Director, in
25 the report established under section 202(f),

1 on compliance of that agency with the re-
2 quirements established under this sub-
3 section.

4 (B) REQUIREMENTS.—An agency may im-
5 pose reporting requirements necessary for the
6 implementation of this section on recipients of
7 Federal research and development funding as a
8 condition of receiving the funding.

9 (4) COMMITTEE FUNCTIONS.—Not later than 1
10 year after the date of enactment of this Act, working
11 with the Director of the Office of Science and Tech-
12 nology Policy, and after consultation with interested
13 parties, the Committee shall submit recommenda-
14 tions to the Director on—

15 (A) policies to improve agency reporting of
16 information for the database established under
17 this subsection; and

18 (B) policies to improve dissemination of
19 the results of research performed by Federal
20 agencies and federally funded research and de-
21 velopment centers.

22 (5) FUNCTIONS OF THE DIRECTOR.—

23 (A) RECOMMENDATIONS.—After submis-
24 sion of recommendations by the Committee
25 under paragraph (4), the Director shall report

1 on the recommendations of the Committee and
2 Director to Congress, in the E-Government re-
3 port under section 3605 of title 44 (as added
4 by this Act).

5 (B) COMPLIANCE.—The Director shall an-
6 nually report to Congress on agency compliance
7 with the requirements established under para-
8 graph (3).

9 (6) AUTHORIZATION OF APPROPRIATIONS.—
10 There are authorized to be appropriated to the Na-
11 tional Science Foundation for the development,
12 maintenance, and operation of the governmentwide
13 database and website under this subsection—

14 (A) \$2,000,000 in each of the fiscal years
15 2003 through 2005; and

16 (B) such sums as are necessary in each of
17 the fiscal years 2006 and 2007.

18 (i) PUBLIC DOMAIN DIRECTORY OF FEDERAL GOV-
19 ERNMENT WEBSITES.—

20 (1) ESTABLISHMENT.—Not later than 2 years
21 after the effective date of this title, the Director and
22 each agency shall—

23 (A) develop and establish a public domain
24 directory of Federal Government websites; and

1 (B) post the directory on the Internet with
2 a link to the integrated Internet-based system
3 established under section 204.

4 (2) DEVELOPMENT.—With the assistance of
5 each agency, the Director shall—

6 (A) direct the development of the directory
7 through a collaborative effort, including input
8 from—

9 (i) agency librarians;

10 (ii) information technology managers;

11 (iii) program managers;

12 (iv) records managers;

13 (v) Federal depository librarians; and

14 (vi) other interested parties; and

15 (B) develop a public domain taxonomy of
16 subjects used to review and categorize Federal
17 Government websites.

18 (3) UPDATE.—With the assistance of each
19 agency, the Administrator of the Office of Electronic
20 Government shall—

21 (A) update the directory as necessary, but
22 not less than every 6 months; and

23 (B) solicit interested persons for improve-
24 ments to the directory.

1 (j) STANDARDS FOR AGENCY WEBSITES.—Not later
2 than 1 year after the effective date of this title, the Direc-
3 tor shall promulgate guidance for agency websites that
4 include—

5 (1) requirements that websites include direct
6 links to—

7 (A) descriptions of the mission and statu-
8 tory authority of the agency;

9 (B) the electronic reading rooms of the
10 agency relating to the disclosure of information
11 under section 552 of title 5, United States Code
12 (commonly referred to as the Freedom of Infor-
13 mation Act);

14 (C) information about the organizational
15 structure of the agency, with an outline linked
16 to the agency online staff directory; and

17 (D) the strategic plan of the agency devel-
18 oped under section 306 of title 5, United States
19 Code; and

20 (2) minimum agency goals to assist public users
21 to navigate agency websites, including—

22 (A) speed of retrieval of search results;

23 (B) the relevance of the results; and

24 (C) tools to aggregate and disaggregate
25 data.

1 **SEC. 208. PRIVACY PROVISIONS.**

2 (a) PURPOSE.—The purpose of this section is to en-
3 sure sufficient protections for the privacy of personal in-
4 formation as agencies implement citizen-centered elec-
5 tronic Government.

6 (b) PRIVACY IMPACT ASSESSMENTS.—

7 (1) RESPONSIBILITIES OF AGENCIES.—

8 (A) IN GENERAL.—An agency shall take
9 actions described under subparagraph (B) in
10 subsection (b)(1)(B), before—

11 (i) developing or procuring informa-
12 tion technology that collects, maintains, or
13 disseminates information that includes any
14 identifier permitting the physical or online
15 contacting of a specific individual; or

16 (ii) initiating a new collection of infor-
17 mation that—

18 (I) will be collected, maintained,
19 or disseminated electronically; and

20 (II) includes any identifier per-
21 mitting the physical or online con-
22 tacting of a specific individual, if the
23 information concerns 10 or more per-
24 sons.

1 (B) AGENCY ACTIVITIES.—To the extent
2 required under subparagraph (A), each agency
3 shall—

4 (i) conduct a privacy impact assess-
5 ment;

6 (ii) ensure the review of the privacy
7 impact assessment by the Chief Informa-
8 tion Officer, or equivalent official, as deter-
9 mined by the head of the agency; and

10 (iii) if practicable, after completion of
11 the review under clause (ii), make the pri-
12 vacy impact assessment publicly available,
13 through the website of the agency, publica-
14 tion in the Federal Register, or other
15 means.

16 (C) SENSITIVE INFORMATION.—Subpara-
17 graph (B)(iii) may be modified or waived to
18 protect classified, sensitive, or private informa-
19 tion contained in an assessment.

20 (D) COPY TO DIRECTOR.—Agencies shall
21 provide the Director with a copy of the privacy
22 impact assessment for each system for which
23 funding is requested.

24 (2) CONTENTS OF A PRIVACY IMPACT ASSESS-
25 MENT.—

1 (A) IN GENERAL.—The Director shall
2 issue guidance to agencies specifying the re-
3 quired contents of a privacy impact assessment.

4 (B) GUIDANCE.—The guidance shall—

5 (i) ensure that a privacy impact as-
6 sessment is commensurate with the size of
7 the information system being assessed, the
8 sensitivity of personally identifiable infor-
9 mation in that system, and the risk of
10 harm from unauthorized release of that in-
11 formation; and

12 (ii) require that a privacy impact as-
13 sessment address—

14 (I) what information is to be col-
15 lected;

16 (II) why the information is being
17 collected;

18 (III) the intended use of the
19 agency of the information;

20 (IV) with whom the information
21 will be shared;

22 (V) what notice or opportunities
23 for consent would be provided to indi-
24 viduals regarding what information is

1 collected and how that information is
2 shared;

3 (VI) how the information will be
4 secured; and

5 (VII) whether a system of
6 records is being created under section
7 552a of title 5, United States Code,
8 (commonly referred to as the Privacy
9 Act).

10 (3) RESPONSIBILITIES OF THE DIRECTOR.—

11 The Director shall—

12 (A) develop policies and guidelines for
13 agencies on the conduct of privacy impact as-
14 sessments;

15 (B) oversee the implementation of the pri-
16 vacy impact assessment process throughout the
17 Government; and

18 (C) require agencies to conduct privacy im-
19 pact assessments of existing information sys-
20 tems or ongoing collections of personally identi-
21 fiable information as the Director determines
22 appropriate.

23 (c) PRIVACY PROTECTIONS ON AGENCY
24 WEBSITES.—

25 (1) PRIVACY POLICIES ON WEBSITES.—

1 (A) GUIDELINES FOR NOTICES.—The Di-
2 rector shall develop guidance for privacy notices
3 on agency websites.

4 (B) CONTENTS.—The guidance shall re-
5 quire that a privacy notice address—

6 (i) what information is to be collected;

7 (ii) why the information is being col-
8 lected;

9 (iii) the intended use of the agency of
10 the information;

11 (iv) with whom the information will be
12 shared;

13 (v) what notice or opportunities for
14 consent would be provided to individuals
15 regarding what information is collected
16 and how that information is shared;

17 (vi) how the information will be se-
18 cured; and

19 (vii) a statement of the rights of the
20 individual under section 552a of title 5,
21 United States Code (commonly referred to
22 as the Privacy Act), and other laws rel-
23 evant to the protection of the privacy of an
24 individual.

1 (2) PRIVACY POLICIES IN MACHINE-READABLE
2 FORMATS.—The Director shall issue guidance re-
3 quiring agencies to translate privacy policies into a
4 standardized machine-readable format.

5 **SEC. 209. FEDERAL INFORMATION TECHNOLOGY WORK-**
6 **FORCE DEVELOPMENT.**

7 (a) PURPOSE.—The purpose of this section is to im-
8 prove the skills of the Federal workforce in using informa-
9 tion technology to deliver information and services.

10 (b) IN GENERAL.—In consultation with the Director,
11 the Chief Information Officers Council, and the Adminis-
12 trator of General Services, the Director of the Office of
13 Personnel Management shall oversee the development and
14 operation of a Federal Information Technology Training
15 Center (in this section referred to as the “Training Cen-
16 ter”).

17 (c) FUNCTIONS.—The Training Center shall—

18 (1) analyze, on an ongoing basis, the personnel
19 needs of the Federal Government related to informa-
20 tion technology and information resource manage-
21 ment;

22 (2) oversee the development of curricula, train-
23 ing methods, and training schedules that correspond
24 to the projected personnel needs of the Federal Gov-

1 ernment related to information technology and infor-
2 mation resource management; and

3 (3) oversee the training of Federal employees in
4 information technology disciplines, as necessary, at a
5 rate that ensures that the information resource man-
6 agement needs of the Federal Government are met.

7 (d) EMPLOYEE PARTICIPATION.—Subject to informa-
8 tion resource management needs and the limitations im-
9 posed by resource needs in other occupational areas, and
10 consistent with their overall workforce development strate-
11 gies, agencies shall encourage employees to participate in
12 the occupational information technology curricula of the
13 Training Center.

14 (e) AUTHORIZATION OF APPROPRIATIONS.—There
15 are authorized to be appropriated to the Office of Per-
16 sonnel Management for overseeing the development and
17 operation of the Training Center, \$7,000,000 in fiscal
18 year 2003, and such sums as are necessary for each fiscal
19 year thereafter.

20 **SEC. 210. COMMON PROTOCOLS FOR GEOGRAPHIC INFOR-**
21 **MATION SYSTEMS.**

22 (a) PURPOSES.—The purposes of this section are
23 to—

24 (1) reduce redundant data collection and infor-
25 mation; and

1 (2) promote collaboration and use of standards
2 for government geographic information.

3 (b) DEFINITION.—In this section, the term “geo-
4 graphic information” means information systems that in-
5 volve locational data, such as maps or other geospatial in-
6 formation resources.

7 (c) IN GENERAL.—

8 (1) COMMON PROTOCOLS.—The Secretary of
9 the Interior, working with the Director and through
10 an interagency group, and working with private sec-
11 tor experts, State, local, and tribal governments,
12 commercial and international standards groups, and
13 other interested parties, shall facilitate the develop-
14 ment of common protocols for the development, ac-
15 quisition, maintenance, distribution, and application
16 of geographic information. If practicable, the Sec-
17 retary of the Interior shall incorporate intergovern-
18 mental and public private geographic information
19 partnerships into efforts under this subsection.

20 (2) INTERAGENCY GROUP.—The interagency
21 group referred to under paragraph (1) shall include
22 representatives of the National Institute of Stand-
23 ards and Technology and other agencies.

24 (d) DIRECTOR.—The Director shall—

1 (1) oversee the interagency initiative to develop
2 common protocols;

3 (2) oversee the coordination with State, local,
4 and tribal governments, public private partnerships,
5 and other interested persons on effective and effi-
6 cient ways to align geographic information and de-
7 velop common protocols; and

8 (3) oversee the adoption of common standards
9 relating to the protocols.

10 (e) COMMON PROTOCOLS.—The common protocols
11 shall be designed to—

12 (1) maximize the degree to which unclassified
13 geographic information from various sources can be
14 made electronically compatible and accessible; and

15 (2) promote the development of interoperable
16 geographic information systems technologies that
17 shall—

18 (A) allow widespread, low-cost use and
19 sharing of geographic data by Federal agencies,
20 State, local, and tribal governments, and the
21 public; and

22 (B) enable the enhancement of services
23 using geographic data.

24 (f) AUTHORIZATION OF APPROPRIATIONS.—There
25 are authorized to be appropriated to the Department of

1 the Interior such sums as are necessary to carry out this
2 section, for each of the fiscal years 2003 through 2007.

3 **SEC. 211. SHARE-IN-SAVINGS PROGRAM IMPROVEMENTS.**

4 Section 5311 of the Clinger-Cohen Act of 1996 (divi-
5 sions D and E of Public Law 104–106; 110 Stat. 692;
6 40 U.S.C. 1491) is amended—

7 (1) in subsection (a)—

8 (A) by striking “the heads of two executive
9 agencies to carry out” and inserting “heads of
10 executive agencies to carry out a total of 5
11 projects under”;

12 (B) by striking “and” at the end of para-
13 graph (1);

14 (C) by striking the period at the end of
15 paragraph (2) and inserting “; and”; and

16 (D) by adding at the end the following:

17 “(3) encouraging the use of the contracting and
18 sharing approach described in paragraphs (1) and
19 (2) by allowing the head of the executive agency con-
20 ducting a project under the pilot program—

21 “(A) to retain, out of the appropriation ac-
22 counts of the executive agency in which savings
23 computed under paragraph (2) are realized as
24 a result of the project, up to the amount equal
25 to half of the excess of—

1 “(i) the total amount of the savings;
2 over

3 “(ii) the total amount of the portion
4 of the savings paid to the private sector
5 source for such project under paragraph
6 (2); and

7 “(B) to use the retained amount to acquire
8 additional information technology.”;

9 (2) in subsection (b)—

10 (A) by inserting “a project under” after
11 “authorized to carry out”; and

12 (B) by striking “carry out one project
13 and”; and

14 (3) in subsection (c), by inserting before the pe-
15 riod “and the Administrator for the Office of Elec-
16 tronic Government.”; and

17 (4) by inserting after subsection (c) the fol-
18 lowing:

19 “(d) REPORT.—

20 “(1) IN GENERAL.—After 5 pilot projects have
21 been completed, but no later than 3 years after the
22 effective date of this subsection, the Director shall
23 submit a report on the results of the projects to the
24 Committee on Governmental Affairs of the Senate

1 and the Committee on Government Reform of the
2 House of Representatives.

3 “(2) CONTENTS.—The report shall include—

4 “(A) a description of the reduced costs and
5 other measurable benefits of the pilot projects;

6 “(B) a description of the ability of agen-
7 cies to determine the baseline costs of a project
8 against which savings would be measured; and

9 “(C) recommendations of the Director re-
10 lating to whether Congress should provide gen-
11 eral authority to the heads of executive agencies
12 to use a share-in-savings contracting approach
13 to the acquisition of information technology so-
14 lutions for improving mission-related or admin-
15 istrative processes of the Federal Govern-
16 ment.”.

17 **SEC. 212. INTEGRATED REPORTING STUDY AND PILOT**
18 **PROJECTS.**

19 (a) PURPOSES.—The purposes of this section are
20 to—

21 (1) enhance the interoperability of Federal in-
22 formation systems;

23 (2) assist the public, including the regulated
24 community, in electronically submitting information
25 to agencies under Federal requirements, by reducing

1 the burden of duplicate collection and ensuring the
2 accuracy of submitted information; and

3 (3) enable any person to integrate and obtain
4 similar information held by 1 or more agencies
5 under 1 or more Federal requirements without vio-
6 lating the privacy rights of an individual.

7 (b) DEFINITIONS.—In this section, the term—

8 (1) “agency” means an Executive agency as de-
9 fined under section 105 of title 5, United States
10 Code; and

11 (2) “person” means any individual, trust, firm,
12 joint stock company, corporation (including a gov-
13 ernment corporation), partnership, association,
14 State, municipality, commission, political subdivision
15 of a State, interstate body, or agency or component
16 of the Federal Government.

17 (c) REPORT.—

18 (1) IN GENERAL.—Not later than 3 years after
19 the date of enactment of this Act, the Director shall
20 conduct a study and submit a report to the Com-
21 mittee on Governmental Affairs of the Senate and
22 the Committee on Government Reform of the House
23 of Representatives on progress toward integrating
24 Federal information systems across agencies.

1 (2) CONTENTS.—The report under this section
2 shall—

3 (A) address the integration of data ele-
4 ments used in the electronic collection of infor-
5 mation within databases established under Fed-
6 eral statute without reducing the quality, acces-
7 sibility, scope, or utility of the information con-
8 tained in each database;

9 (B) address the feasibility of developing, or
10 enabling the development of, software, including
11 Internet-based tools, for use by reporting per-
12 sons in assembling, documenting, and validating
13 the accuracy of information electronically sub-
14 mitted to agencies under nonvoluntary, statu-
15 tory, and regulatory requirements; and

16 (C) address the feasibility of developing a
17 distributed information system involving, on a
18 voluntary basis, at least 2 agencies, that—

19 (i) provides consistent, dependable,
20 and timely public access to the information
21 holdings of 1 or more agencies, or some
22 portion of such holdings, including the un-
23 derlying raw data, without requiring public
24 users to know which agency holds the in-
25 formation; and

1 (ii) allows the integration of public in-
2 formation held by the participating agen-
3 cies;

4 (D) address the feasibility of incorporating
5 other elements related to the purposes of this
6 section at the discretion of the Director; and

7 (E) make recommendations that Congress
8 or the executive branch can implement, through
9 the use of integrated reporting and information
10 systems, to reduce the burden on reporting and
11 strengthen public access to databases within
12 and across agencies.

13 (d) PILOT PROJECTS TO ENCOURAGE INTEGRATED
14 COLLECTION AND MANAGEMENT OF DATA AND INTER-
15 OPERABILITY OF FEDERAL INFORMATION SYSTEMS.—

16 (1) IN GENERAL.—In order to provide input to
17 the study under subsection (c), the Director shall
18 designate a series of no more than 5 pilot projects
19 that integrate data elements. The Director shall con-
20 sult with agencies, the regulated community, public
21 interest organizations, and the public on the imple-
22 mentation.

23 (2) GOALS OF PILOT PROJECTS.—

1 (A) IN GENERAL.—Each goal described
2 under subparagraph (B) shall be addressed by
3 at least 1 pilot project each.

4 (B) GOALS.—The goals under this para-
5 graph are to—

6 (i) reduce information collection bur-
7 dens by eliminating duplicative data ele-
8 ments within 2 or more reporting require-
9 ments;

10 (ii) create interoperability between or
11 among public databases managed by 2 or
12 4 more agencies using technologies and
13 techniques that facilitate public access; and

14 (iii) develop, or enable the develop-
15 ment, of software to reduce errors in elec-
16 tronically submitted information.

17 (3) INPUT.—Each pilot project shall seek input
18 from users on the utility of the pilot project and
19 areas for improvement. To the extent practicable,
20 the Director shall consult with relevant agencies and
21 State, tribal, and local governments in carrying out
22 the report and pilot projects under this section.

23 (e) PRIVACY PROTECTIONS.—The activities author-
24 ized under this section shall afford protections for—

1 (1) confidential business information consistent
2 with section 552(b)(4) of title 5, United States
3 Code, and other relevant law; and

4 (2) personal privacy information under section
5 552a of title 5, United States Code, and other rel-
6 evant law.

7 **SEC. 213. COMMUNITY TECHNOLOGY CENTERS.**

8 (a) PURPOSES.—The purposes of this section are
9 to—

10 (1) study and enhance the effectiveness of com-
11 munity technology centers, public libraries, and
12 other institutions that provide computer and Inter-
13 net access to the public; and

14 (2) promote awareness of the availability of on-
15 line government information and services, to users of
16 community technology centers, public libraries, and
17 other public facilities that provide access to com-
18 puter technology and Internet access to the public.

19 (b) STUDY AND REPORT.—Not later than 2 years
20 after the effective date of this title, the Secretary of Edu-
21 cation, in consultation with the Secretary of Housing and
22 Urban Development, the Secretary of Commerce, the Di-
23 rector of the National Science Foundation, and the Direc-
24 tor of the Office of Management and Budget, shall—

1 (1) conduct a study to evaluate the best prac-
2 tices of community technology centers that receive
3 Federal funds; and

4 (2) submit a report on the study to—

5 (A) the Committee on Governmental Af-
6 fairs of the Senate;

7 (B) the Committee on Health, Education,
8 Labor, and Pensions of the Senate;

9 (C) the Committee on Government Reform
10 of the House of Representatives; and

11 (D) the Committee on Education and the
12 Workforce of the House of Representatives.

13 (c) CONTENTS.—The report may consider—

14 (1) an evaluation of the best practices being
15 used by successful community technology centers;

16 (2) a strategy for—

17 (A) continuing the evaluation of best prac-
18 tices used by community technology centers;

19 and

20 (B) establishing a network to share infor-
21 mation and resources as community technology
22 centers evolve;

23 (3) the identification of methods to expand the
24 use of best practices to assist community technology

1 centers, public libraries, and other institutions that
2 provide computer and Internet access to the public;

3 (4) a database of all community technology cen-
4 ters receiving Federal funds, including—

5 (A) each center's name, location, services
6 provided, director, other points of contact, num-
7 ber of individuals served; and

8 (B) other relevant information;

9 (5) an analysis of whether community tech-
10 nology centers have been deployed effectively in
11 urban and rural areas throughout the Nation; and

12 (6) recommendations of how to—

13 (A) enhance the development of community
14 technology centers; and

15 (B) establish a network to share informa-
16 tion and resources.

17 (d) COOPERATION.—All agencies that fund commu-
18 nity technology centers shall provide to the Department
19 of Education any information and assistance necessary for
20 the completion of the study and the report under this sec-
21 tion.

22 (e) ASSISTANCE.—

23 (1) IN GENERAL.—The Director of the Office of
24 Management and Budget shall work with the Sec-
25 retary of the Department of Education, other rel-

1 evant Federal agencies, and other interested persons
2 in the private and nonprofit sectors to—

3 (A) assist in the implementation of rec-
4 ommendations; and

5 (B) identify other ways to assist commu-
6 nity technology centers, public libraries, and
7 other institutions that provide computer and
8 Internet access to the public.

9 (2) TYPES OF ASSISTANCE.—Assistance under
10 this paragraph may include—

11 (A) contribution of funds;

12 (B) donations of equipment, and training
13 in the use and maintenance of the equipment;
14 and

15 (C) the provision of basic instruction or
16 training material in computer skills and Inter-
17 net usage.

18 (f) ONLINE TUTORIAL.—

19 (1) IN GENERAL.—The Secretary of Education,
20 in consultation with the Director of the Office of
21 Management and Budget, the Director of the Na-
22 tional Science Foundation, other relevant agencies,
23 and the public, shall develop an online tutorial
24 that—

1 (A) explains how to access Government in-
2 formation and services on the Internet; and

3 (B) provides a guide to available online re-
4 sources.

5 (2) DISTRIBUTION.—The Secretary of Edu-
6 cation shall distribute information on the tutorial to
7 community technology centers, public libraries, and
8 other institutions that afford Internet access to the
9 public.

10 (g) PROMOTION OF COMMUNITY TECHNOLOGY CEN-
11 TERS.—In consultation with other agencies and organiza-
12 tions, the Department of Education shall promote the
13 availability of community technology centers to raise
14 awareness within each community where such a center is
15 located.

16 (h) AUTHORIZATION OF APPROPRIATIONS.—There
17 are authorized to be appropriated to the Department of
18 Education for the study of best practices at community
19 technology centers, for the development and dissemination
20 of the online tutorial, and for the promotion of community
21 technology centers under this section—

22 (1) \$2,000,000 in fiscal year 2003;

23 (2) \$2,000,000 in fiscal year 2004; and

24 (3) such sums as are necessary in fiscal years
25 2005 through 2007.

1 **SEC. 214. ENHANCING CRISIS MANAGEMENT THROUGH AD-**
2 **VANCED INFORMATION TECHNOLOGY.**

3 (a) PURPOSE.—The purpose of this section is to im-
4 prove how information technology is used in coordinating
5 and facilitating information on disaster preparedness and
6 response while ensuring the availability of such informa-
7 tion across multiple access channels.

8 (b) IN GENERAL.—

9 (1) STUDY ON ENHANCEMENT OF CRISIS RE-
10 SPONSE.—Not later than 90 days after the date of
11 enactment of this Act, the Federal Emergency Man-
12 agement Agency shall enter into a contract to con-
13 duct a study on using information technology to en-
14 hance crisis response and consequence management
15 of natural and manmade disasters.

16 (2) CONTENTS.—The study under this sub-
17 section shall address—

18 (A) a research and implementation strat-
19 egy for effective use of information technology
20 in crisis response and consequence manage-
21 ment, including the more effective use of tech-
22 nologies, management of information technology
23 research initiatives, and incorporation of re-
24 search advances into the information and com-
25 munications systems of—

1 (i) the Federal Emergency Manage-
2 ment Agency; and

3 (ii) other Federal, State, and local
4 agencies responsible for crisis response and
5 consequence management; and

6 (B) opportunities for research and develop-
7 ment on enhanced technologies into areas of po-
8 tential improvement as determined during the
9 course of the study.

10 (3) REPORT.—Not later than 2 years after the
11 date on which a contract is entered into under para-
12 graph (1), the Federal Emergency Management
13 Agency shall submit a report on the study, including
14 findings and recommendations to—

15 (A) the Committee on Governmental Af-
16 fairs of the Senate; and

17 (B) the Committee on Government Reform
18 of the House of Representatives.

19 (4) INTERAGENCY COOPERATION.—Other Fed-
20 eral departments and agencies with responsibility for
21 disaster relief and emergency assistance shall fully
22 cooperate with the Federal Emergency Management
23 Agency in carrying out this section.

24 (5) AUTHORIZATION OF APPROPRIATIONS.—
25 There are authorized to be appropriated to the Fed-

1 eral Emergency Management Agency for research
2 under this subsection, such sums as are necessary
3 for fiscal year 2003.

4 (c) PILOT PROJECTS.—Based on the results of the
5 research conducted under subsection (a), the Federal
6 Emergency Management Agency shall initiate pilot
7 projects or report to Congress on other activities that fur-
8 ther the goal of maximizing the utility of information tech-
9 nology in disaster management. The Federal Emergency
10 Management Agency shall cooperate with other relevant
11 agencies, and, if appropriate, State, local, and tribal gov-
12 ernments, in initiating such pilot projects.

13 **SEC. 215. DISPARITIES IN ACCESS TO THE INTERNET.**

14 (a) STUDY AND REPORT.—

15 (1) STUDY.—Not later than 90 days after the
16 date of enactment of this Act, the Director of the
17 National Science Foundation shall request that the
18 National Academy of Sciences, acting through the
19 National Research Council, enter into a contract to
20 conduct a study on disparities in Internet access for
21 online Government services.

22 (2) REPORT.—Not later than 2 years after the
23 date of enactment of this Act, the Director of the
24 National Science Foundation shall submit to the
25 Committee on Governmental Affairs of the Senate

1 and the Committee on Government Reform of the
2 House of Representatives a final report of the study
3 under this section, which shall set forth the findings,
4 conclusions, and recommendations of the Council.

5 (b) CONTENTS.—The report shall include a study
6 of—

7 (1) how disparities in Internet access influence
8 the effectiveness of online Government services, in-
9 cluding a review of—

10 (A) the nature of disparities in Internet
11 access;

12 (B) the affordability of Internet service;

13 (C) the incidence of disparities among dif-
14 ferent groups within the population; and

15 (D) changes in the nature of personal and
16 public Internet access that may alleviate or ag-
17 gravate effective access to online Government
18 services;

19 (2) how the increase in online Government serv-
20 ices is influencing the disparities in Internet access
21 and how technology development or diffusion trends
22 may offset such adverse influences; and

23 (3) related societal effects arising from the
24 interplay of disparities in Internet access and the in-
25 crease in online Government services.

1 (c) RECOMMENDATIONS.—The report shall include
2 recommendations on actions to ensure that online Govern-
3 ment initiatives shall not have the unintended result of
4 increasing any deficiency in public access to Government
5 services.

6 (d) AUTHORIZATION OF APPROPRIATIONS.—There
7 are authorized to be appropriated to the National Science
8 Foundation \$950,000 in fiscal year 2003 to carry out this
9 section.

10 **SEC. 216. NOTIFICATION OF OBSOLETE OR COUNTER-**
11 **PRODUCTIVE PROVISIONS.**

12 If the Director of the Office of Management and
13 Budget makes a determination that any provision of this
14 Act (including any amendment made by this Act) is obso-
15 lete or counterproductive to the purposes of this Act, as
16 a result of changes in technology or any other reason, the
17 Director shall submit notification of that determination
18 to—

19 (1) the Committee on Governmental Affairs of
20 the Senate; and

21 (2) the Committee on Government Reform of
22 the House of Representatives.

1 **TITLE III—GOVERNMENT**
2 **INFORMATION SECURITY**

3 **SEC. 301. INFORMATION SECURITY.**

4 (a) ADDITION OF SHORT TITLE.—Subtitle G of title
5 X of the Floyd D. Spence National Defense Authorization
6 Act for Fiscal Year 2001 (as enacted into law by Public
7 Law 106–398; 114 Stat. 1654A–266) is amended by in-
8 serting after the heading for the subtitle the following new
9 section:

10 **“SEC. 1060. SHORT TITLE.**

11 “‘This subtitle may be cited as the ‘Government Infor-
12 mation Security Reform Act’.”.

13 (b) CONTINUATION OF AUTHORITY.—

14 (1) IN GENERAL.—Section 3536 of title 44,
15 United States Code, is repealed.

16 (2) TECHNICAL AND CONFORMING AMEND-
17 MENT.—The table of sections for chapter 35 of title
18 44, United States Code, is amended by striking the
19 item relating to section 3536.

20 **TITLE IV—AUTHORIZATION OF**
21 **APPROPRIATIONS AND EF-**
22 **FECTIVE DATES**

23 **SEC. 401. AUTHORIZATION OF APPROPRIATIONS.**

24 Except for those purposes for which an authorization
25 of appropriations is specifically provided in title I or II,

1 including the amendments made by such titles, there are
2 authorized to be appropriated such sums as are necessary
3 to carry out titles I and II for each of fiscal years 2003
4 through 2007.

5 **SEC. 402. EFFECTIVE DATES.**

6 (a) TITLES I AND II.—

7 (1) IN GENERAL.—Except as provided under
8 paragraph (2), titles I and II and the amendments
9 made by such titles shall take effect 120 days after
10 the date of enactment of this Act.

11 (2) IMMEDIATE ENACTMENT.—Sections 207,
12 214, 215, and 216 shall take effect on the date of
13 enactment of this Act.

14 (b) TITLES III AND IV.—Title III and this title shall
15 take effect on the date of enactment of this Act.

Amend the title so as to read: “A bill to enhance the management and promotion of electronic Government services and processes by establishing an Office of Electronic Government within the Office of Management and Budget, and by establishing a broad framework of measures that require using Internet-based information technology to enhance citizen access to Government information and services, and for other purposes.”.