THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 1704 Session of 2017

INTRODUCED BY GROVE, PHILLIPS-HILL, ORTITAY, CUTLER, BAKER, SAYLOR, ENGLISH, MILLARD, BLOOM, WHEELAND, A. HARRIS, WATSON, PICKETT, B. MILLER AND COX, AUGUST 16, 2017

REFERRED TO COMMITTEE ON STATE GOVERNMENT, AUGUST 16, 2017

AN ACT

1 2 3 4 5 6	Amending Title 71 (State Government) of the Pennsylvania Consolidated Statutes, providing for information technology; establishing the Office of Information Technology and the Information Technology Fund; providing for administrative and procurement procedures and for the Legislative Cybersecurity Oversight Committee; and imposing penalties.
7	The General Assembly of the Commonwealth of Pennsylvania
8	hereby enacts as follows:
9	Section 1. Part V of Title 71 of the Pennsylvania
10	Consolidated Statutes is amended by adding a chapter to read:
11	CHAPTER 43
12	INFORMATION TECHNOLOGY
13	Subchapter
14	A. General Provisions
15	B. Office of Information Technology
16	C. Procurement and Business Operations
17	D. Security
18	E. Enforcement and Penalties
19	SUBCHAPTER A

GENERAL PROVISIONS

2 Sec.

1

- 3 4301. Scope of chapter.
- 4 4302. Findings and declarations.
- 5 <u>4303</u>. <u>Definitions</u>.
- 6 § 4301. Scope of chapter.
- 7 This chapter relates to administrative procedures and
- 8 procurement regarding information technology.
- 9 § 4302. Findings and declarations.
- 10 The General Assembly finds and declares the following:
- 11 <u>(1) The Commonwealth has struggled to keep information</u>
- 12 <u>technology costs under control.</u>
- 13 (2) Many of the Commonwealth's information technology
- 14 <u>contracts extend well beyond their anticipated date of</u>
- 15 <u>completion</u>.
- 16 (3) The Commonwealth can begin to reduce information
- 17 <u>technology costs by the consolidation of information</u>
- 18 <u>technology functions and resources within the executive</u>
- 19 branch.
- 20 <u>(4) Consolidation of information technology services</u>
- 21 will not only reduce costs but create more efficient
- 22 <u>information technology operations.</u>
- 23 (5) By reforming the Commonwealth's outdated approach to
- information technology, the Commonwealth can improve data and
- analytic capabilities and improve cybersecurity.
- 26 (6) The improvement of operations will enhance taxpayer
- 27 satisfaction and make it easier for residents to navigate.
- 28 <u>(7) Consolidation of information technology services</u>
- 29 <u>must be designed to improve accountability and transparency</u>
- 30 <u>to taxpayers and enhance the Commonwealth's data and</u>

- 1 <u>analytics capabilities.</u>
- 2 § 4303. Definitions.
- 3 The following words and phrases when used in this chapter
- 4 shall have the meanings given to them in this section unless the
- 5 <u>context clearly indicates otherwise:</u>
- 6 <u>"Director." The administrative head of the office.</u>
- 7 "Distributed information technology assets." Hardware,
- 8 software and communications equipment not classified as
- 9 traditional mainframe-based items, including, but not limited
- 10 to, personal computers, local area networks, servers, mobile
- 11 computers, peripheral equipment and other related hardware and
- 12 <u>software items.</u>
- 13 <u>"Electronic bidding." The electronic solicitation and</u>
- 14 <u>receipt of offers to contract.</u>
- 15 "Fund." The Information Technology Fund established under
- 16 section 4316 (relating to Information Technology Fund).
- "Independent agency." A board, commission, authority or
- 18 other agency of the Commonwealth that is not subject to the
- 19 policy supervision and control of the Governor. The term does
- 20 not include:
- 21 (1) a court or agency of the unified judicial system; or
- 22 (2) the General Assembly or an agency of the General
- 23 Assembly.
- "Independent department." Any of the following:
- 25 (1) The Department of the Auditor General.
- 26 <u>(2) The Treasury Department.</u>
- 27 <u>(3) The Office of Attorney General.</u>
- 28 (4) A board or commission of an entity under paragraph
- 29 (1), (2) or (3).
- "Information technology." Hardware, software and

- 1 telecommunications equipment, including, but not limited to, the
- 2 <u>following:</u>
- 3 (1) Personal computers.
- 4 <u>(2)</u> Servers.
- 5 (3) Mainframes.
- 6 (4) Wired or wireless wide and local area networks.
- 7 (5) Broadband.
- 8 <u>(6) Mobile or portable computers.</u>
- 9 <u>(7) Peripheral equipment.</u>
- 10 (8) Telephones.
- 11 (9) Wireless communications.
- 12 (10) Handheld devices.
- 13 (11) Public safety radio services.
- 14 <u>(12) Facsimile machines.</u>
- 15 (13) Technology facilities, including, but not limited
- 16 <u>to, data centers, dedicated training facilities or switching</u>
- 17 facilities.
- 18 (14) Other relevant hardware and software items or
- 19 <u>personnel tasked with the planning, implementation or support</u>
- of technology, including hosting or vendor-managed service
- 21 solutions.
- 22 "Information technology security incident." A computer-based
- 23 <u>activity, network-based activity or paper-based activity which</u>
- 24 <u>results directly or indirectly in misuse, damage, denial of</u>
- 25 <u>service</u>, compromise of integrity or loss of confidentiality of a
- 26 network, a computer, an application or data.
- 27 <u>"Office." The Office of Information Technology established</u>
- 28 under Subchapter B (relating to Office of Information
- 29 <u>Technology</u>).
- 30 "Reverse auction." A real-time purchasing process in which

- 1 vendors compete to provide goods or services at the lowest
- 2 <u>selling price in an open and interactive electronic environment.</u>
- 3 <u>"Secretary." The Secretary of Administration.</u>
- 4 <u>"State agency." Any of the following:</u>
- 5 <u>(1) The Governor's Office.</u>
- 6 (2) A department, board, commission, authority or other
- 7 agency of the Commonwealth that is subject to the policy
- 8 <u>supervision and control of the Governor.</u>
- 9 <u>(3) The office of Lieutenant Governor.</u>
- 10 (4) An independent agency.
- 11 <u>SUBCHAPTER B</u>
- 12 OFFICE OF INFORMATION TECHNOLOGY
- 13 <u>Sec.</u>
- 14 <u>4311. Establishment of office.</u>
- 15 4312. Duties of office.
- 16 4313. Transfer of duties.
- 17 4314. Director.
- 18 4315. Planning and financing information technology resources.
- 19 4316. Information Technology Fund.
- 20 4317. Information technology reports.
- 21 4318. Financial reporting and accountability.
- 22 4319. Statewide electronic portal and annual report.
- 23 4320. Budget for information technology.
- 24 4321. Commonwealth portal.
- 25 <u>4322. Information technology request.</u>
- 26 § 4311. Establishment of office.
- 27 <u>The Office of Information Technology is established within</u>
- 28 the Governor's Office of Administration.
- 29 § 4312. Duties of office.
- 30 (a) Duties generally. -- The office shall:

	(1) consolidate information technology functions,
2	powers, duties, obligations infrastructure and support
3	services vested in State agencies.
4	(2) Direct the management and operations of information
5	technology services for each State agency, including, but not
6	<pre>limited to, the following:</pre>
7	(i) The development of priorities and strategic
8	plans.
9	(ii) The management of information technology
10	investments, procurement and policy.
11	(iii) Oversight of each State agency to ensure
12	compliance with the provisions of this chapter.
13	(3) Recommend any changes to staffing or operations
14	regarding information technology.
15	(b) Specific duties As part of the general duties under
16	subsection (a), the office shall:
17	(1) Assist in developing annual information technology
18	strategic plans for each State agency that include
19	priorities, coordination and monitoring of resource use and
20	expenditures, performance review measures, procurement and
21	other governance and planning measures.
22	(2) Review and approve the information technology plans
23	for each State agency.
24	(3) Consult with the Governor's Office of the Budget on
25	budgetary matters regarding information technology planning
26	and procurement.
27	(4) Create an advisory structure to advise on matters
28	involving overall technology and data governance.
29	(5) Establish and maintain an information technology
30	portfolio management process for overall monitoring of

1	information technology program objectives, alignment with
2	priorities, budgets and expenditures.
3	(6) Identify common information technology business
4	functions within each State agency.
5	(7) Make recommendations for consolidation, integration
6	and investment.
7	(8) Facilitate the use of common technology, as
8	appropriate.
9	(9) Expand the use of project management methodologies
10	and principles on information technology projects, including
11	measures to review project delivery and quality.
12	(10) Ensure compliance by each State agency with
13	required business process reviews.
14	(11) Maintain a central procurement organization.
15	(12) Procure or supervise the procurement of all
16	information technology.
17	(13) Oversee information technology contract issues,
18	monitoring and compliance.
19	(14) Serve as a liaison between State agencies and
20	contracted information technology vendors.
21	(15) Align the appropriate technology and procurement
22	methods with the service strategy.
23	(16) Establish an information technology architecture
24	framework that governs information technology investments.
25	This architecture framework shall include the following, as
26	appropriate:
27	(i) The development of standards, policies,
28	processes and strategic technology roadmaps.
29	(ii) The performance of technical reviews and
30	capability assessments of services, technologies and

Τ	State agency systems.
2	(iii) The evaluation of requests for information
3	technology policy exceptions.
4	(17) Develop and implement efforts to standardize data
5	elements and determine data ownership assignments.
6	(18) Develop and maintain a comprehensive information
7	technology inventory.
8	(19) Monitor compliance with information technology
9	policy and standards through an architectural review process.
10	(20) Maintain and strengthen the Commonwealth's
11	cybersecurity posture through security governance.
12	(21) Develop security solutions, services and programs
13	to protect data and infrastructure.
14	(22) Identify and remediate security risks and maintain
15	citizen trust in securing computerized personal information.
16	(23) Implement programs, processes and solutions to
17	maintain cybersecurity situational awareness and effectively
18	respond to cybersecurity attacks and information technology
19	security incidents.
20	(24) Foster a culture of situational and risk awareness.
21	(25) Conduct evaluations and compliance audits of State
22	agency security infrastructure.
23	(26) Recommend and conduct the consolidation of State
24	agency information technology services, including, but not
25	limited to, infrastructure, personnel, investments,
26	operations and support services.
27	(27) Establish and facilitate a process for the
28	identification, evaluation and optimization of information
29	technology shared services.
30	(28) Establish, maintain and communicate service level

Τ	agreements for shared services.
2	(29) Establish a process for:
3	(i) the development and implementation of
4	telecommunications policies, services and infrastructure;
5	<u>and</u>
6	(ii) reviewing and authorizing State agency requests
7	for enhanced services.
3	(30) Identify opportunities for convergence and
)	leveraging existing assets to reduce or eliminate duplicative
	telecommunication networks.
	(31) Establish and maintain an information technology
	service management process library to govern the services
	provided to each State agency.
	(32) Establish a formal governance body to evaluate the
	introduction of new information technology services and the
	retiring of existing information technology services.
	(33) Establish metrics to monitor the health of the
	services provided and make appropriate corrections as
	necessary.
	(34) Establish information technology data management
	and development policy frameworks for each State agency that
	include policies, processes and standards that adhere to
	commonly-accepted principles for, among other things, data
	governance, data development and the quality, sourcing, use,
	accessibility, content, ownership and licensing of open data.
	(35) Create and maintain a comprehensive open data
	portal for public accessibility.
	(36) Provide guidance regarding the procurement of
	supplies and services related to the subject matter of this
	chapter.

1	(37) Facilitate communication with the public by
2	publishing open data plans and policies and by soliciting or
3	allowing for public input on the subject matter of this
4	chapter.
5	(38) Ensure the internal examination of Commonwealth
6	data sets for business, confidentiality, privacy and security
7	issues and the reasonable mitigation of those issues, prior
8	to the data's release for open data purposes.
9	(39) Develop and facilitate the engagement with private
10	and other public stakeholders, including, but not limited to,
11	arranging for and expediting data-sharing agreements and
12	encouraging and facilitating cooperation and substantive and
13	administrative efficiencies.
14	(40) Develop and facilitate data sharing and data
15	analytics.
16	(41) Oversee and manage the information technology
17	contracts of each State agency. The following shall apply:
18	(i) The office shall obtain, review and maintain, on
19	an ongoing basis, records of the appropriations,
20	allotments, expenditures and revenues of each State
21	agency for information technology.
22	(ii) The office shall not manage but shall
23	coordinate efforts as necessary and appropriate regarding
24	the information technology contracts of an independent
25	department, the General Assembly and its agencies or the
26	agencies of the judicial branch.
27	§ 4313. Transfer of duties.
28	Upon the effective date of this chapter, information
29	technology functions, powers, duties, obligations and services
30	shall be transferred to and vested in the office. The following

1	shall	apply:
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- 2 (1) The chief information officer of each State agency
- 3 shall:
- 4 <u>(i) Report directly to the director.</u>
- 5 (ii) Work within the chief information officer's
- 6 respective State agency on behalf of the office as an
- 7 <u>employee of the office.</u>
- 8 (2) The salary and costs related to the chief
- 9 <u>information officer of each State agency shall be paid by the</u>
- 10 chief information officer's respective State agency from
- 11 <u>funds appropriated for general government operations.</u>
- 12 (3) The following shall apply for an employee of a State
- agency who handles or otherwise has responsibility for the
- 14 <u>State agency's information technology services:</u>
- (i) Except as provided in subparagraph (ii), the
- 16 <u>employee shall be transferred to the office as an</u>
- 17 employee of the State agency and operate in the physical
- location of the State agency, but the employee shall
- 19 report matters to the office and be supervised by the
- 20 office.
- 21 (ii) Subparagraph (i) shall not apply to an employee
- who handles proprietary information technology programs.
- The employee shall remain an employee of the State agency
- and shall coordinate with the office.
- 25 § 4314. Director.
- 26 (a) Appointment and salary. -- The secretary shall appoint the
- 27 <u>director and set the salary of the director.</u>
- 28 (b) Qualifications. -- The director shall be qualified by
- 29 education and experience for the office.
- 30 (c) Duties. -- In addition to other duties specified under

- 1 this chapter, the director shall manage the operations of the
- 2 <u>office and do all of the following:</u>
- 3 (1) Develop and administer a comprehensive long-range
- 4 plan to ensure the proper management of the Commonwealth's
- 5 <u>information technology resources.</u>
- 6 (2) Set technical standards for information technology
- 7 <u>and review and approve information technology projects and</u>
- 8 <u>budgets.</u>
- 9 (3) Establish information technology security standards.
- 10 (4) Provide for the procurement of information
- 11 <u>technology resources.</u>
- 12 <u>(5) Develop a schedule for the replacement or</u>
- 13 <u>modification of information technology systems.</u>
- 14 (6) Require and review reports by each State agency
- concerning information technology assets, systems, personnel
- and projects and prescribe the form of the reports.
- 17 (7) Prescribe the manner in which information technology
- 18 assets, systems and personnel shall be provided and
- 19 distributed among State agencies.
- 20 (8) Prescribe the manner of inspecting or testing
- 21 information technology assets, systems or personnel to
- determine compliance with information technology plans,
- 23 specifications and requirements.
- 24 (9) Hire personnel as necessary to perform the functions
- of the office.
- 26 § 4315. Planning and financing information technology
- 27 <u>resources.</u>
- 28 (a) Development of policies. -- The director shall develop
- 29 <u>necessary policies for State agency information technology</u>
- 30 planning and financing to achieve the purposes of this chapter.

1	(b) Development of plan
2	(1) The director shall analyze the information
3	technology systems and develop a plan to ascertain the needs,
4	costs and time frame required for State agencies to
5	efficiently use information technology systems, resources,
6	security and data management to achieve the purposes of this
7	chapter. The plan may include current applications and
8	infrastructure, migration from current environments and other
9	information necessary for fiscal or technology planning.
10	(2) The director shall develop strategic plans for
11	information technology as necessary.
12	(c) Consultation and cooperation
13	(1) In determining whether a strategic plan is necessary
14	for a State agency, the director shall consider the State
15	agency's operational needs, functions and performance
16	capabilities.
17	(2) The director shall consult with and assist State
18	agencies in the preparation of plans under this subsection.
19	(3) Each State agency shall actively participate in
20	preparing, testing and implementing an information technology
21	plan as determined by the director. A State agency shall
22	provide all financial information to the director necessary
23	to determine full costs and expenditures for information
24	technology assets, including resources provided by the State
25	agency or through contracts or grants.
26	(4) Each State agency shall prepare and submit plans as
27	required by the director.
28	(5) A plan by a State agency shall be submitted to the
29	director no later than October 1 of each even-numbered year

(d) Biennial plan.--

30

1	(1) The director shall develop a biennial State
2	Information Technology Plan, which shall be transmitted to
3	the General Assembly in conjunction with the Governor's
4	budget submission that year.
5	(2) The biennial plan shall include the following
6	<pre>elements:</pre>
7	(i) An inventory of current information technology
8	assets and major projects.
9	(ii) An inventory of significant unmet needs for
10	information technology resources over a five-year time
11	period, along with a ranking of the unmet needs in
12	priority order according to their urgency.
13	(iii) A statement of the financial requirements,
14	together with a recommended funding schedule for major
15	projects in progress or anticipated for approval during
16	the upcoming fiscal biennium.
17	(iv) An analysis of opportunities for Statewide
18	initiatives that would yield significant efficiencies or
19	improve effectiveness in State programs.
20	(3) As used in this subsection, the term "major project"
21	includes a project costing more than \$500,000 to implement.
22	§ 4316. Information Technology Fund.
23	(a) Establishment A restricted account is established in
24	the State Treasury to be known as the Information Technology
25	Fund.
26	(b) Receipt of money The fund may receive money for the
27	operations of the office and to fulfill the duties of the office
28	under this chapter by the following methods:
29	(1) The transfer of encumbered funds from each State
30	agency which were designated for information technology

- 1 purposes prior to the effective date of this section.
- 2 (2) Transfers as authorized by the General Assembly that
- 3 are not already provided for under this section.
- 4 (3) Appropriations from the General Fund.
- 5 (4) The transfer of a portion of a State agency's funds
- 6 regarding general government operations for information
- 7 <u>technology employees.</u>
- 8 <u>(c) Use of fund money.--</u>
- 9 (1) Subject to paragraph (2), the director shall approve
- the disbursement of money from the fund, which shall be used
- for the following purposes and other legitimate purposes:
- 12 <u>(i) Project management.</u>
- 13 <u>(ii) Security.</u>
- 14 <u>(iii)</u> E-mail operations.
- 15 <u>(iv) State portal operations.</u>
- 16 (2) Expenditures made from the fund which involve money
- 17 appropriated from the General Fund shall be approved by the
- 18 <u>director</u>.
- 19 § 4317. Information technology reports.
- 20 (a) Report on office operations. -- By February 1 of each
- 21 year, the director shall issue an annual report regarding the
- 22 office, which shall, at a minimum, include the following:
- 23 (1) Current cash balances.
- 24 (2) Line-item details on expenditures which occurred
- following the previous biennial report.
- 26 (3) Anticipated expenditures and revenues.
- 27 (4) The financial activities of the fund, including fund
- 28 expenditures, during the immediately prior fiscal year.
- 29 (b) Issuance. -- A report under subsection (a) shall be
- 30 submitted to the following:

- 1 (1) The Secretary of the Budget.
- 2 <u>(2) The Independent Fiscal Office.</u>
- 3 (3) The chairperson and minority chairperson of the
- 4 <u>Appropriations Committee of the Senate.</u>
- 5 (4) The chairperson and minority chairperson of the
- 6 Appropriations Committee of the House of Representatives.
- 7 § 4318. Financial reporting and accountability.
- 8 (a) Development of processes. -- The office, along with the
- 9 <u>Secretary of the Budget and the State Treasurer</u>, shall develop
- 10 processes for budgeting and accounting of expenditures for
- 11 <u>information technology operations</u>, services, projects,
- 12 infrastructure and assets across all State agencies.
- 13 (b) Included information. -- The budgeting and accounting
- 14 processes under subsection (a) may include information regarding
- 15 the following:
- 16 (1) Hardware.
- 17 (2) Software.
- 18 (3) Personnel.
- 19 (4) Training.
- 20 <u>(5) Contractual services.</u>
- 21 (6) Other items relevant to information technology.
- 22 (c) Reports.--By February 1 of each year, the director shall
- 23 also report to the General Assembly the following information:
- 24 (1) Services currently provided and associated
- 25 transaction volumes or other relevant indicators of
- 26 <u>utilization by user type.</u>
- 27 (2) New services added during the previous year.
- 28 (3) Services added that are currently available in other
- 29 states.
- 30 (4) The total amount collected for each service.

- 1 (5) The total amount remitted to the State for each
- 2 service.
- 3 (6) The total amount remitted to the vendor for each
- 4 <u>service.</u>
- 5 (7) Any other use of State data by the vendor and the
- 6 total amount of revenue collected per use and in total.
- 7 (8) User satisfaction with each service.
- 8 (9) Any other issues associated with the provision of
- 9 <u>each service</u>.
- 10 § 4319. Statewide electronic portal and annual report.
- 11 The office shall develop and operate a Statewide electronic
- 12 portal to increase the convenience of the public in conducting
- 13 <u>online transactions with and obtaining information from State</u>
- 14 government. The portal shall be designed to facilitate and
- 15 improve public interactions along with communications between
- 16 State agencies.
- 17 § 4320. Budget for information technology.
- 18 The office, along with the Secretary of the Budget, shall
- 19 develop and implement a plan to manage all information
- 20 technology funding, including State and other receipts, as soon
- 21 as practicable. As part of the plan and implementation, the
- 22 following shall apply:
- 23 (1) Funding for information technology resources,
- 24 projects and contracts shall be appropriated to and managed
- 25 by the office.
- 26 (2) Funding for the office's information technology
- 27 <u>shared services and approved contracts shall remain with the</u>
- 28 State agencies.
- 29 (3) Information technology budget codes and fund codes
- 30 shall be created as required.

- 1 § 4321. Commonwealth portal.
- 2 Each State agency shall functionally link its Internet or
- 3 <u>electronic services to a centralized web portal system</u>
- 4 <u>established under this chapter.</u>
- 5 § 4322. Information technology request.
- 6 A State agency may request significant resources, as defined
- 7 by the director, for the purpose of acquiring, operating or
- 8 maintaining information technology for the State agency. In
- 9 addition to other information that may be required by the
- 10 director, the State agency shall submit the following to
- 11 <u>accompany the request:</u>
- 12 (1) A statement setting forth the following:
- (i) The needs of the State agency for information
- 14 technology and related resources, including expected
- improvements to programmatic or business operations.
- 16 (ii) The requirements for State resources, together
- 17 with an evaluation of those requirements by the chief
- information officer assigned to the State agency which
- 19 takes into consideration the following:
- 20 (A) The State's current technology.
- 21 (B) The opportunities for technology sharing.
- 22 (C) Any other factors relevant to the analysis
- by the director.
- 24 (2) A review and evaluation of the statement under
- 25 paragraph (1) which is prepared by the chief information
- officer assigned to the State agency.
- 27 (3) In cases of an acquisition, an explanation of the
- 28 method by which the acquisition is to be financed.
- 29 <u>(4) A statement by the chief information officer</u>
- 30 assigned to the State agency which sets forth viable

- 1 alternatives, if any, for meeting the State agency needs in
- 2 an economical and efficient manner.
- 3 SUBCHAPTER C
- 4 <u>PROCUREMENT AND BUSINESS OPERATIONS</u>
- 5 Sec.
- 6 4331. Reporting requirements regarding procurement.
- 7 4332. Business continuity planning.
- 8 4333. Information technology operations.
- 9 <u>4334. Communications services.</u>
- 10 4335. Project approval standards.
- 11 4336. Project management standards.
- 12 <u>4337. Dispute resolution.</u>
- 13 <u>4338</u>. Procurement of information technology.
- 14 <u>4339</u>. Review and approval of contracts.
- 15 <u>4340</u>. Purchase of certain equipment prohibited.
- 16 4341. Refurbished computer equipment purchasing program.
- 17 4342. Data on reliability and other matters.
- 18 § 4331. Reporting requirements regarding procurement.
- 19 (a) Bids.--A vendor submitting a bid shall disclose in a
- 20 statement, provided contemporaneously with the bid, where
- 21 services will be performed under the contract sought, including
- 22 any subcontracts, and whether any services under that contract,
- 23 including any subcontracts, are anticipated to be performed
- 24 outside the United States.
- 25 (b) Retention and reports.--The director shall:
- 26 (1) retain the statements required by this section
- 27 <u>regardless of the State agency that awards the contract; and</u>
- 28 (2) report annually to the secretary on the number of
- 29 <u>contracts.</u>
- 30 (c) Records of purchases. -- Each State agency which makes a

- 1 <u>direct purchase of information technology through the office</u>
- 2 shall report directly to the director, who shall keep annual
- 3 records of information technology purchases.
- 4 (d) Effect of section. -- Nothing in this section is intended
- 5 to contravene any existing treaty, law, agreement or regulation
- 6 of the United States.
- 7 § 4332. Business continuity planning.
- 8 (a) Oversight. -- The director shall oversee the manner and
- 9 means by which information technology business and disaster
- 10 recovery plans for State agencies are created, reviewed and
- 11 <u>updated.</u>
- 12 (b) Disaster recovery planning team. -- Each State agency
- 13 shall establish a disaster recovery planning team to work with
- 14 the office to develop the disaster recovery plan and administer
- 15 <u>and implement the plan.</u>
- 16 <u>(c) Components of plan.--In developing a disaster recovery</u>
- 17 plan, all of the following shall be completed:
- 18 (1) Consideration of the organizational, managerial and
- 19 technical environments in which the plan must be implemented.
- 20 (2) An assessment of the types and likely parameters of
- 21 disasters most likely to occur and the resultant impacts on
- 22 the State agency's ability to perform its mission.
- 23 (3) The listing of the protective measures to be
- implemented in anticipation of a natural or manmade disaster.
- 25 (4) A determination whether the plan is adequate to
- 26 address information technology security incidents.
- 27 (d) Submittal.--Each State agency shall submit its disaster
- 28 recovery plan to the director on an annual basis and as
- 29 otherwise requested by the director.
- 30 § 4333. Information technology operations.

	1	(a)	Functions In	addition	to	other	functions	authorized	or
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- 2 required by this chapter, the office shall do the following:
- 3 (1) Submit all rates and fees for common, shared and
- 4 <u>Statewide information technology services provided by the</u>
- 5 <u>office to the Budget Office for approval.</u>
- 6 (2) Establish and operate centers of expertise for
- 7 <u>specific information technologies and services to serve two</u>
- 8 or more State agencies on a cost-sharing basis, if the
- 9 <u>director, after consultation with the Budget Office, decides</u>
- 10 <u>it is advisable from the standpoint of efficiency and</u>
- 11 <u>economy to establish these centers and services.</u>
- 12 (3) Charge each State agency for which services are
- 13 performed its proportionate part of the cost of maintaining
- and operating the shared centers and services, subject to
- approval by the Budget Office.
- 16 (4) Require a State agency served to transfer to the
- department ownership, custody or control of information
- 18 processing equipment, supplies and positions required by the
- 19 shared centers and services.
- 20 (5) Adopt plans, policies and procedures for the
- 21 acquisition, management and use of information technology
- 22 resources in State agencies to facilitate more efficient and
- 23 <u>economic use of information technology in the State agencies.</u>
- 24 (6) Develop and promote training programs to efficiently
- 25 <u>implement, use and manage information technology resources</u>
- 26 <u>throughout State government.</u>
- 27 (b) Confidentiality. -- No data of a confidential nature shall
- 28 be entered into or processed through an information technology
- 29 <u>system or network established under this chapter until</u>
- 30 appropriate safeguards and other security measures are approved

- 1 by the director and installed and fully operational.
- 2 (c) Cost sharing. -- Notwithstanding any other provision of
- 3 law, the office shall provide information technology services on
- 4 <u>a cost-sharing basis to:</u>
- 5 (1) An independent department as requested by the head
- 6 <u>of the independent department.</u>
- 7 (2) The General Assembly and its agencies as requested
- 8 by the President pro tempore of the Senate and the Speaker of
- 9 <u>the House of Representatives.</u>
- 10 (3) The judicial branch as requested by the Chief
- 11 <u>Justice.</u>
- 12 <u>(d) Estimates and actual expenditures.--Each State agency</u>
- 13 shall furnish to the director upon request and on forms
- 14 prescribed:
- (1) estimates of all information technology goods and
- services needed and required by the State agency; and
- 17 (2) actual expenditures for all information technology
- 18 goods and services needed and required by the State agency
- 19 for the periods after the expenditures have been made.
- 20 § 4334. Communications services.
- 21 The director shall exercise authority for telecommunications
- 22 and other communications included in information technology
- 23 relating to the internal management and operations of a State
- 24 agency. In discharging this responsibility, the director shall
- 25 do the following:
- 26 (1) Provide for the establishment, management and
- operation, through State ownership, by contract or through
- 28 commercial leasing, of the following systems and services as
- 29 they affect the internal management and operation of State
- 30 agencies:

1	(i) Central telephone systems and telephone
2	networks, including Voice over Internet Protocol and
3	commercial mobile radio systems.
4	(ii) Satellite services.
5	(iii) Closed-circuit television systems.
6	(iv) Two-way radio systems.
7	(v) Microwave systems.
8	(vi) Related systems based on telecommunication
9	technologies.
10	(vii) Broadband.
11	(2) Coordinate the development of cost-sharing systems
12	for respective State agencies for their proportionate parts
13	of the cost of maintenance and operation of the systems and
14	services listed in this section.
15	(3) Assist in the development of coordinated
16	telecommunications services or systems within and among all
17	State agencies and recommend, where appropriate, cooperative
18	utilization of telecommunication facilities by aggregating
19	users.
20	(4) Perform traffic analysis and engineering for all
21	telecommunications services and systems listed in this
22	section.
23	(5) Establish telecommunications specifications and
24	designs so as to promote and support compatibility of the
25	systems within State agencies.
26	(6) Provide every three years an inventory of
27	telecommunications costs, facilities, systems and personnel
28	within State agencies.
29	(7) Promote, coordinate and assist in the design and
30	engineering of emergency telecommunications systems,

- including, but not limited to, the 911 emergency telephone
- 2 number program, emergency medical services, and other
- 3 emergency telecommunications services.
- 4 (8) Perform frequency coordination and management for
- 5 <u>State agencies and municipalities, including all public</u>
- 6 <u>safety radio service frequencies</u>, in accordance with the
- 7 <u>rules and regulations of the Federal Communications</u>
- 8 <u>Commission or any successor Federal agency.</u>
- 9 (9) Advise all State agencies on telecommunications
- 10 <u>management planning and related matters and provide</u>
- 11 <u>opportunities for training to users within State agencies in</u>
- 12 <u>telecommunications technology and systems.</u>
- 13 (10) Assist and coordinate the development of policies
- and long-range plans, consistent with the protection of
- residents' rights to privacy and access to information, for
- the acquisition and use of telecommunications systems. All
- 17 policies and plans shall be based on current information
- 18 about the Commonwealth's telecommunications activities in
- 19 relation to the full range of emerging technologies.
- 20 § 4335. Project approval standards.
- 21 (a) Review and approval. -- The director shall review all
- 22 information technology projects for each State agency. Project
- 23 approval may be granted upon the director's determination that:
- 24 (1) the project conforms to project management
- 25 <u>procedures and policies and to procurement rules and</u>
- 26 policies; and
- 27 (2) sufficient funds are available for implementation.
- 28 (b) Implementation. -- Unless expressly exempt within this
- 29 chapter, no State agency shall proceed with an information
- 30 technology project until the director approves the project.

- 1 (c) Disapproval.--If a project is not approved, the director
- 2 shall specify in writing the grounds for the disapproval no
- 3 later than 15 business days after making the determination. The
- 4 <u>director shall provide notice of the disapproval</u>, along with the
- 5 grounds for the disapproval, to all of the following:
- 6 <u>(1) The State agency.</u>
- 7 (2) The Secretary of the Budget.
- 8 (3) The Independent Fiscal Office.
- 9 <u>(4) The chairperson and minority chairperson of the</u>
- 10 <u>Appropriations Committee of the Senate.</u>
- 11 (5) The chairperson and minority chairperson of the
- 12 Appropriations Committee of the House of Representatives.
- 13 (d) Suspension.--
- 14 (1) The director may suspend an information technology
- project if the project:
- 16 <u>(i) does not continue to meet the applicable quality</u>
- 17 assurance standards;
- 18 (ii) has exceeded its projected costs; or
- 19 (iii) has failed to meet its projected completion
- 20 date.
- 21 (2) If the director suspends a project for a reason
- 22 under paragraph (1), the director shall specify in writing
- 23 the grounds for suspending the project no later than five
- business days after making the determination. The director
- 25 <u>shall provide notice of the suspension, along with the</u>
- grounds for suspension, to all of the following:
- (i) The State agency.
- 28 (ii) The Secretary of the Budget.
- 29 (iii) The Independent Fiscal Office.
- 30 (iv) The chairperson and minority chairperson of the

1	Appropriations Committee of the Senate.
2	(v) The chairperson and minority chairperson of the
3	Appropriations Committee of the House of Representatives.
4	(3) After a project has been suspended, the State
5	Treasurer may not allow the transfer of money from the State
6	agency to further implement the project unless the director
7	approves an amended version of the plan for the project.
8	(4) If a State agency attempts to continue to implement
9	a project that is no longer approved by the director and
10	expend additional money for the project, the State Treasurer
11	shall prevent the transfer of funds and remit the intended
12	expenditures into the fund. After remitting the unauthorized
13	expenditure, the State Treasurer shall immediately notify the
14	<pre>following:</pre>
15	(i) The director.
16	(ii) The Secretary of the Budget.
17	(iii) The chairperson and minority chairperson of
18	the Appropriations Committee of the Senate.
19	(iv) The chairperson and minority chairperson of the
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20	Appropriations Committee of the House of Representatives.
20 21	
	Appropriations Committee of the House of Representatives.
21	Appropriations Committee of the House of Representatives. (e) Quality assuranceInformation technology projects
21 22	Appropriations Committee of the House of Representatives. (e) Quality assurance Information technology projects authorized under this chapter shall meet all project standards
21 22 23	Appropriations Committee of the House of Representatives. (e) Quality assuranceInformation technology projects authorized under this chapter shall meet all project standards and requirements established under this chapter.
21 22 23 24	Appropriations Committee of the House of Representatives. (e) Quality assuranceInformation technology projects authorized under this chapter shall meet all project standards and requirements established under this chapter. (f) Performance contractingAll contracts between a State
21 22 23 24 25	Appropriations Committee of the House of Representatives. (e) Quality assuranceInformation technology projects authorized under this chapter shall meet all project standards and requirements established under this chapter. (f) Performance contractingAll contracts between a State agency and a private party for information technology projects
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221 222 23 224 225 226 227 228	Appropriations Committee of the House of Representatives. (e) Quality assuranceInformation technology projects authorized under this chapter shall meet all project standards and requirements established under this chapter. (f) Performance contractingAll contracts between a State agency and a private party for information technology projects shall include provisions for vendor performance review and accountability, contract suspension or termination and termination of funding.

Τ.	provisions.
2	(i) A performance bond.
3	(ii) Monetary penalties.
4	(iii) Other performance assurance measures for
5	projects that are not completed within the specified time
6	period or that involve costs in excess of those specified
7	in the contract.
8	(2) Notwithstanding the provisions under paragraph (1)
9	which are included in the contract, the director shall have
10	the authority to suspend the project that is the basis of the
11	contract.
12	(h) Cost savings The director may utilize cost savings
13	realized on government vendor partnerships as performance
14	incentives for an information technology vendor.
15	(i) Use of experts
16	(1) Notwithstanding any other provision of this chapter
17	to the contrary, the director may require a State agency to
18	engage the services of private counsel or other experts with
19	information technology and intellectual property expertise on
20	a particular subject matter if the State agency is developing
21	and implementing an information technology project with a
22	total cost of ownership in excess of \$5,000,000.
23	(2) At the director's discretion, the private counsel or
24	other expert under paragraph (1) may:
25	(i) Review requests for proposals.
26	(ii) Review and provide advice and assistance during
27	the evaluation of proposals and selection of vendors.
28	(iii) Review and negotiate contracts associated with
29	the development, implementation, operation and
30	maintenance of the project.

1	(3) At the director's discretion, the requirement under
2	paragraph (1) may also apply to information technology
3	programs that are separated into individual projects, if the
4	total cost of ownership for the overall program exceeds
5	<u>\$5,000,000.</u>
6	§ 4336. Project management standards.
7	(a) Personnel Each State agency shall provide personnel if
8	necessary to participate in project management, implementation,
9	testing and other activities for an information technology
10	project.
11	(b) Policies The director shall develop office policies
12	for implementing an approved project, whether the project is
13	undertaken in single or multiple phases or components.
14	(c) Project management assistant
15	(1) The director may designate a project management
16	assistant to implement an information technology project of a
17	State agency.
18	(2) A project management assistant for a State agency
19	<pre>shall:</pre>
20	(i) Advise the State agency regarding the initial
21	planning of an information technology project, the
22	content and design of a request for proposals, contract
23	development, procurement and architectural and other
24	technical reviews.
25	(ii) Monitor progress in the development and
26	implementation of an information technology project.
27	(iii) Provide status reports to the State agency and
28	the director, including recommendations regarding
29	continued approval of an information technology project.
30	(3) Personnel of the State agency to which a project

- 1 <u>management assistant is designated shall provide periodic</u>
- 2 reports to the project management assistant regarding an
- 3 <u>information technology project. Each report shall include</u>
- 4 <u>information regarding the following:</u>
- 5 <u>(i) The State agency's business requirements.</u>
- 6 <u>(ii) Applicable laws and regulations.</u>
- 7 <u>(iii) Project costs.</u>
- 8 <u>(iv) Issues related to hardware, software or</u>
- 9 <u>training.</u>
- 10 (v) Projected and actual completion dates for the
- 11 <u>project.</u>
- 12 <u>(vi) Any other information related to the</u>
- implementation of the project.
- 14 <u>§ 4337. Dispute resolution.</u>
- 15 (a) Right to request for review. -- If the director has
- 16 <u>disapproved or suspended an information technology project or</u>
- 17 has disapproved a State agency's request for an amended version
- 18 of the plan for the project, the affected State agency may
- 19 request the director to revisit the determination about the
- 20 project. The request for review shall be submitted in writing to
- 21 the director within 15 business days following the State
- 22 agency's receipt of the disapproval or suspension.
- 23 (b) Contents of request for review.--A request for review
- 24 under subsection (a) shall specify the grounds for the State
- 25 agency's disagreement with the director's determination. The
- 26 State agency shall include with its request a plan to modify the
- 27 project to meet the director's concerns.
- 28 (c) Notification.--
- 29 (1) Within 30 days after initial receipt of a State
- 30 agency's request for review, the director shall notify the

- 1 State agency whether or not the project, as modified, may be
- 2 <u>implemented</u>.
- 3 (2) If the director approves the implementation of a
- 4 <u>modified project by a State agency, the director shall notify</u>
- 5 <u>the State Treasurer and the Secretary of the Budget</u>
- 6 <u>immediately.</u>
- 7 § 4338. Procurement of information technology.
- 8 (a) General duty of office. -- Notwithstanding any other
- 9 provision of law, the office shall procure all information
- 10 technology for State agencies. The office shall integrate
- 11 technological review, cost analysis and procurement for all
- 12 <u>information technology needs of State agencies to make</u>
- 13 procurement and implementation of technology more responsive,
- 14 <u>efficient and cost-effective.</u>
- 15 (b) Specific duties of office. -- Subject to the provisions of
- 16 this chapter, the office shall have the authority and
- 17 responsibility to do the following:
- 18 (1) Purchase or contract for all information technology
- 19 for State agencies.
- 20 (2) Establish processes, specifications and standards
- 21 which shall apply to all information technology to be
- 22 purchased, licensed or leased by State agencies.
- 23 (3) Establish processes, specifications and standards
- relating to information technology personal services contract
- 25 <u>requirements for State agencies.</u>
- 26 (4) Utilize the purchasing benchmarks established by the
- 27 <u>director.</u>
- 28 (5) Provide strategic sourcing resources and planning to
- 29 compile and consolidate all estimates of information
- 30 technology goods and services needed and required by State

- 1 agencies.
- 2 (6) Reduce the size of information technology projects
- 3 to ensure that the projects are manageable and meet initial
- 4 <u>estimates for project costs and completion dates.</u>
- 5 (7) Ensure that projects utilize problem-based
- 6 procurement. As used in this paragraph, the term "problem-
- 7 <u>based procurement" means a request for bids by a State agency</u>
- 8 for an information technology project which details the
- 9 <u>information technology needs of the State agency and solicits</u>
- 10 proposals by bidders regarding how to best meet those needs.
- 11 (c) Confidentiality.--
- 12 (1) Subject to paragraph (2), contract information
- compiled by the office shall be made a matter of public
- record after the award of contract.
- 15 (2) Trade secrets, test data and similar proprietary
- 16 <u>information and security information protected from</u>
- 17 disclosure under Federal or State law shall remain
- 18 confidential.
- 19 (d) Electronic procurement. -- The office may authorize the
- 20 use of an electronic procurement system to conduct a reverse
- 21 auction and electronic bidding. The following apply:
- 22 (1) The vendor's price may be revealed during the
- 23 reverse auction.
- 24 (2) The office may contract with a third-party vendor to
- 25 conduct the reverse auction.
- 26 (3) Offers may be accepted and contracts may be entered
- 27 <u>by use of electronic bidding.</u>
- 28 (4) All requirements relating to formal and competitive
- bids, including advertisement, seal and signature, are
- 30 satisfied when a procurement is conducted or a contract is

- 1 entered in compliance with the reverse auction or electronic
- 2 bidding requirements established by the office.
- 3 (e) Bulk purchasing.--
- 4 (1) The director shall establish procedures for the
- 5 procurement of information technology through bulk purchases.
- 6 The procedures may include the following:
- 7 <u>(i) The aggregation of hardware purchases.</u>
- 8 <u>(ii) The use of formal bid procedures.</u>
- 9 <u>(iii) Restrictions on supplemental staffing.</u>
- 10 (iv) Enterprise software licensing, hosting and
- 11 <u>multiyear maintenance agreements.</u>
- 12 (2) The director may require State agencies to submit
- information technology procurement requests to the department
- on October 1, January 1 and June 1, or another regularly
- occurring schedule, of each fiscal year in order to allow for
- 16 <u>bulk purchasing.</u>
- 17 (f) Most advantageous offer.--All offers to contract,
- 18 whether through competitive bidding or other procurement method,
- 19 shall be subject to evaluation and selection by acceptance of
- 20 the most advantageous offer to the Commonwealth.
- 21 (g) Considerations. -- Evaluation of an information technology
- 22 <u>purchase shall take into consideration the following factors:</u>
- 23 (1) The best value of the purchase.
- 24 (2) Compliance with information technology project
- 25 management policies.
- 26 (3) Compliance with information technology security
- 27 <u>standards and policies.</u>
- 28 (4) Substantial conformity with the specifications and
- 29 other conditions set forth in the solicitation.
- 30 (h) Exceptions. -- In addition to permitted waivers of

- 1 competition, the requirements of competitive bidding shall not
- 2 apply to information technology contracts and procurements:
- 3 (1) in the case of a pressing need or an emergency
- 4 <u>arising from an information technology security incident; or</u>
- 5 (2) in the use of master licensing or purchasing
- 6 <u>agreements governing the office's acquisition of proprietary</u>
- 7 <u>intellectual property.</u>
- 8 (i) Award by director. -- The director may award a cost plus
- 9 percentage of cost contract for information technology projects.
- 10 As needed, the director shall report the cost plus percentage of
- 11 cost contract to the following:
- 12 <u>(1) The Secretary of the Budget.</u>
- 13 <u>(2) The Auditor General.</u>
- 14 (3) The chairperson and minority chairperson of the
- 15 <u>Appropriations Committee of the Senate.</u>
- 16 <u>(4) The chairperson and minority chairperson of the</u>
- 17 Appropriations Committee of the House of Representatives.
- 18 § 4339. Review and approval of contracts.
- 19 (a) Submittal to director. -- When the dollar value of a
- 20 proposed contract for the procurement of information technology
- 21 equipment, materials or supplies exceeds the benchmark
- 22 established under this chapter or by the director, a State
- 23 agency shall submit the proposed contract to the director for
- 24 review and approval or other action deemed appropriate by the
- 25 director.
- 26 (b) Considerations. -- The director shall determine whether
- 27 the proposed contract under subsection (a) ensures compliance
- 28 with the established processes, specifications and standards
- 29 applicable to the information technology purchased, licensed or
- 30 leased in this Commonwealth, including established procurement

- 1 processes.
- 2 (c) Determination. -- The director shall promptly notify the
- 3 State agency of the determination regarding the proposed
- 4 <u>contract under subsection (a).</u>
- 5 (d) Notification. -- For contract awards greater than \$25,000,
- 6 the director shall provide updates on a quarterly basis to the
- 7 <u>following:</u>
- 8 (1) The chairperson and minority chairperson of the
- 9 <u>Appropriations Committee of the Senate.</u>
- 10 (2) The chairperson and minority chairperson of the
- 11 Appropriations Committee of the House of Representatives.
- 12 (3) The chairperson and minority chairperson of each of
- the standing committees of the Senate and House of
- Representatives with jurisdiction over the State agency which
- is a party to the contract.
- 16 § 4340. Purchase of certain equipment prohibited.
- 17 (a) Determination. -- A State agency may not purchase computer
- 18 equipment or televisions, or enter into a contract with any
- 19 manufacturer, unless the director determines that the purchase
- 20 or contract is in compliance with the requirements under this
- 21 chapter.
- 22 (b) Findings.--If the director determines that a purchase or
- 23 contract is not in compliance with the requirements under this
- 24 chapter, the director shall issue written findings regarding the
- 25 noncompliance to the State agency.
- 26 § 4341. Refurbished computer equipment purchasing program.
- 27 (a) Option. -- The office shall offer a State agency the
- 28 option of purchasing refurbished computer equipment from
- 29 <u>registered computer equipment refurbishers whenever most</u>
- 30 appropriate to meet the respective needs of the State agency.

- 1 (b) Savings. -- A State agency shall document any savings
- 2 resulting from the purchase of refurbished computer equipment,
- 3 including, but not limited to, the initial acquisition cost and
- 4 operations and maintenance costs. The savings shall be reported
- 5 <u>quarterly to:</u>
- 6 <u>(1) The director.</u>
- 7 (2) The chairperson and minority chairperson of the
- 8 <u>Appropriations Committee of the Senate.</u>
- 9 <u>(3) The chairperson and minority chairperson of the</u>
- 10 Appropriations Committee of the House of Representatives.
- 11 (c) Requirements. -- Participating computer equipment
- 12 refurbishers shall meet all procurement requirements established
- 13 by the office.
- 14 § 4342. Data on reliability and other matters.
- 15 (a) Maintenance of data. -- The office shall maintain data on
- 16 equipment reliability, potential cost savings and matters
- 17 associated with the refurbished computer equipment purchasing
- 18 program.
- 19 (b) Report.--The office shall transmit a report regarding
- 20 the matters under subsection (a) by February 1, 2018, and
- 21 quarterly thereafter to the following:
- 22 (1) The General Assembly.
- 23 (2) The Independent Fiscal Office.
- 24 (3) The Secretary of the Budget.
- 25 <u>SUBCHAPTER D</u>
- 26 SECURITY
- 27 <u>Sec.</u>
- 28 <u>4351</u>. Statewide security standards.
- 29 <u>4352. Security standards and risk assessments.</u>
- 30 4353. Assessment of compliance with security standards.

- 1 4354. Legislative Cybersecurity Oversight Committee.
- 2 § 4351. Statewide security standards.
- 3 (a) Establishment.--
- 4 (1) The director shall establish a Statewide set of
- 5 <u>standards for information technology security to maximize the</u>
- 6 <u>functionality</u>, <u>security</u> and <u>interoperability</u> of the
- 7 <u>Commonwealth's distributed information technology assets</u>,
- 8 <u>including the following:</u>
- 9 <u>(i) Data classification.</u>
- 10 <u>(ii) Management.</u>
- 11 <u>(iii) Communications.</u>
- 12 <u>(iv) Encryption technologies.</u>
- 13 (2) The standards under this subsection shall conform to
- 14 <u>the industry's best practices and standards regarding</u>
- information technology security.
- 16 (b) Review and revision. -- The director shall review and
- 17 revise the security standards annually as necessary. As part of
- 18 this function, the director shall review periodically existing
- 19 security standards and practices in place among the various
- 20 State agencies to determine whether those standards and
- 21 practices meet Statewide security and encryption requirements.
- 22 (c) Assumption of responsibilities. -- The director may assume
- 23 the direct responsibility of providing for the information
- 24 technology security of a State agency that fails to adhere to
- 25 security standards adopted under this chapter.
- 26 § 4352. Security standards and risk assessments.
- 27 (a) Standards. -- Notwithstanding any other provision of law
- 28 and except as otherwise provided by this chapter, all
- 29 information technology security goods, software or services
- 30 purchased using taxpayer money, or for use by a State agency or

- 1 in a public facility, shall be subject to approval by the
- 2 director in accordance with security standards under this
- 3 <u>chapter.</u>
- 4 (b) Assessments.--The director shall conduct risk
- 5 <u>assessments to identify compliance and operational and strategic</u>
- 6 risks to the information technology network. The following
- 7 apply:
- 8 (1) The assessments may include methods such as
- 9 penetration testing or similar assessment methodologies.
- 10 (2) The director may contract with another party to
- 11 <u>perform the assessments.</u>
- 12 (3) Detailed reports of the risk and security issues
- identified in the assessments shall be kept confidential.
- 14 (c) Security audit. -- The director shall contract with a
- 15 third party that is nationally recognized to perform a security
- 16 audit of a State agency's information technology system. The
- 17 following shall apply:
- 18 (1) The director shall determine a schedule for State
- 19 agency security audits.
- 20 (2) The audit of a State agency shall be paid from
- 21 <u>encumbered funds of the State agency.</u>
- 22 (d) Notification and approval. -- Before a State agency may
- 23 <u>enter into a contract with another party for an assessment of</u>
- 24 network vulnerability, the State agency shall notify the
- 25 director and obtain approval of the request. The following
- 26 apply:
- 27 (1) The party conducting the assessment shall provide
- the State agency with a detailed report of the security
- 29 issues identified, which shall not be publicly disclosed.
- 30 (2) The State agency shall provide the director with

- 1 copies of the detailed report under paragraph (1), which
- 2 shall not be publicly disclosed.
- 3 (3) The State agency shall issue a public report on the
- 4 <u>general results of the assessment.</u>
- 5 (e) Effect of section. -- Nothing in this section shall be
- 6 construed to preclude the Auditor General from assessing the
- 7 <u>security practices of State information technology systems as</u>
- 8 part of its statutory duties and responsibilities.
- 9 § 4353. Assessment of compliance with security standards.
- 10 (a) Frequency. -- The director shall biannually assess the
- 11 <u>ability of each State agency and each State agency's contracted</u>
- 12 <u>vendors to comply with the current security standards</u>
- 13 <u>established under this chapter.</u>
- (b) Contents. -- The assessment under this section shall
- 15 include, at a minimum, the following:
- 16 (1) The rate of compliance with the current security
- 17 standards.
- 18 (2) An assessment of security organization, security
- 19 practices, security information standards, network security
- 20 architecture and current expenditures of State funds for
- 21 information technology security.
- 22 (3) An estimate of the cost to implement the security
- 23 <u>measures needed for State agencies to fully comply with the</u>
- 24 <u>established standards</u>.
- 25 (c) Submittal of information. -- Each State agency shall
- 26 submit information required by the director for the assessments
- 27 <u>under this section.</u>
- 28 § 4354. Legislative Cybersecurity Oversight Committee.
- 29 <u>(a) Establishment and membership.--The Legislative</u>
- 30 Cybersecurity Oversight Committee is established and shall

Τ	consist of the following members:
2	(1) The director.
3	(2) The following individuals appointed by the President
4	<pre>pro tempore of the Senate:</pre>
5	(i) Three members of the Senate.
6	(ii) A representative from the information
7	technology office of the majority caucus of the Senate.
8	(3) The following individuals appointed by the Minority
9	Leader of the Senate:
_0	(i) Two members of the Senate.
1	(ii) A representative from the information
_2	technology office of the minority caucus of the Senate.
13	(4) The following individuals appointed by the Speaker
4	of the House of Representatives:
. 5	(i) Three members of the House of Representatives.
6	(ii) A representative from the information
_7	technology office of the majority caucus of the House of
8 .	Representatives.
9	(5) The following individuals appointed by the Minority
20	Leader of the House of Representatives:
21	(i) Two members of the House of Representatives.
22	(ii) A representative from the information
23	technology office of the minority caucus of the House of
24	Representatives.
25	(6) The Attorney General or a designee of the Attorney
26	<pre>General.</pre>
27	(7) The chief information officer of:
28	(i) The Department of the Auditor General.
29	(ii) The Treasury Department.
30	(iii) The Office of Attorney General.

1	<u>(iv) The Administrative Office of Pennsylvania</u>
2	Courts.
3	(8) The Commissioner of the Pennsylvania State Police or
4	a designee of the commissioner.
5	(b) Chairperson and vice chairperson The chairperson and
6	vice chairperson of the committee shall be appointed by the
7	President pro tempore of the Senate and the Speaker of the House
8	of Representatives as follows:
9	(1) Beginning on the effective date of this section and
_0	until the following January 1:
1	(i) The chairperson of the committee shall be one of
_2	the members of the Senate appointed to the committee.
_3	(ii) The vice chairperson of the committee shall be
4	one of the members of the House of Representatives
_5	appointed to the committee.
6	(2) Except as provided in paragraph (1), a chairperson
_7	and vice chairperson shall serve for a period of two years.
8 ـ	(3) At the end of each two-year period, the chairperson
9	and vice chairperson of the committee shall rotate between a
20	member of the Senate appointed to the committee and a member
21	of the House of Representatives appointed to the committee.
22	(4) A vacancy in the position of chairperson or vice
23	chairperson of the committee shall be filled by the
24	appointing authority in the same manner as the original
25	appointment.
26	(c) Service of members Each member of the committee shall
27	serve at the pleasure of the individual who appointed the
28	member.
29	(d) Vacancies A vacancy in the membership of the committee
30	shall be filled by the appointing authority in the same manner

- 1 as the original appointment.
- 2 (e) Meetings.--
- 3 (1) The committee shall meet at least on a quarterly
- 4 <u>basis and no later than the first Thursday of each quarter.</u>
- 5 (2) The chairperson of the committee, with the consent
- of the vice chairperson of the committee, may schedule
- 7 <u>additional meetings of the committee.</u>
- 8 (3) The chairperson of the committee shall provide the
- 9 members of the committee with notice of the time and location
- of each meeting of the committee no later than one week prior
- 11 to the meeting. Notice shall also be provided to the
- 12 <u>Governor, the President pro tempore of the Senate and the</u>
- 13 <u>Speaker of the House of Representatives.</u>
- 14 (4) Notice of the meetings of the committee shall be
- provided by regular mail and e-mail.
- 16 (5) A member of the committee may participate in a
- meeting of the committee in person, by teleconference, by
- 18 video conference or by other means as agreed to by the
- 19 chairperson and vice chairperson of the committee.
- 20 (6) A meeting of the committee shall not be subject to
- 21 <u>65 Pa.C.S. Ch. 7 (relating to open meetings).</u>
- 22 <u>(f) Quorum.--</u>
- 23 (1) For the purposes of adopting a report under this
- section or conducting committee business that requires a
- 25 vote of the committee, at least a majority of the members of
- the committee must be present during the meeting or otherwise
- 27 <u>participating in the meeting as described in subsection (e)</u>
- 28 (5).
- 29 (2) For the purposes of receiving testimony from an
- 30 individual invited by the chairperson of the committee to

- 1 testify before the committee, at least three members of the
- 2 <u>committee shall be present during the meeting.</u>
- 3 (g) Testimonv.--
- 4 (1) Rules regarding testimony before the standing
- 5 <u>committees of the General Assembly shall govern testimony</u>
- 6 given to the committee.
- 7 (2) Written testimony shall be made available to the
- 8 <u>members of the committee, regardless of whether the member</u>
- 9 <u>was present during the meeting at which the testimony was</u>
- 10 given.
- 11 (h) Compensation. -- A member of the committee shall not be
- 12 <u>entitled to compensation as a member of the committee but may be</u>
- 13 <u>reimbursed for actual and reasonable expenses incurred in the</u>
- 14 performance of duties as a member of the committee.
- 15 (i) Duties. -- The committee shall review cybersecurity
- 16 policies and issue an annual report on emerging cybersecurity
- 17 threats, recommended policy changes and an assessment of current
- 18 cybersecurity within this Commonwealth. The report shall be
- 19 transmitted to:
- 20 <u>(1) The Governor.</u>
- 21 (2) The President pro tempore of the Senate.
- 22 (3) The Speaker of the House of Representatives.
- 23 (4) The Majority Leader and the Minority Leader of the
- 24 Senate.
- 25 <u>(5) The Majority Leader and the Minority Leader of the</u>
- House of Representatives.
- 27 (6) The Court Administrator of Pennsylvania.
- 28 (j) Definitions.--As used in this section, the following
- 29 words and phrases shall have the meanings given to them in this
- 30 subsection unless the context clearly indicates otherwise:

- 1 "Committee." The Legislative Cybersecurity Oversight
- 2 Committee established under this section.
- 3 SUBCHAPTER E
- 4 <u>ENFORCEMENT AND PENALTIES</u>
- 5 <u>Sec.</u>
- 6 <u>4361</u>. Administrative and judicial review.
- 7 <u>4362</u>. <u>Unauthorized use for private benefit prohibited</u>.
- 8 4363. Financial interests.
- 9 4364. Certification of submittal without collusion.
- 10 § 4361. Administrative and judicial review.
- 11 Actions taken by the director under this chapter shall be
- 12 <u>subject to review in accordance with 2 Pa.C.S. Chs. 5 (relating</u>
- 13 to practice and procedure) and 7 (relating to judicial review).
- 14 § 4362. Unauthorized use for private benefit prohibited.
- 15 (a) Offense. -- It is unlawful for any person, by the use of
- 16 the powers, policies or procedures under this chapter, to
- 17 purchase, attempt to purchase, procure or attempt to procure any
- 18 property or services for private use or benefit.
- 19 (b) Criminal penalties and fines. -- A person that violates
- 20 subsection (a) commits a misdemeanor of the first degree. Upon
- 21 conviction, the person shall be liable to the Commonwealth to
- 22 repay any amount expended in violation of this chapter, together
- 23 with any court costs.
- 24 § 4363. Financial interests.
- 25 <u>(a) Offense.--</u>
- 26 (1) The director and any other policymaking employee of
- 27 the office shall not have a financial interest or personal
- beneficial interest, either directly or indirectly, in the
- 29 <u>purchase of or contract for information technology. The</u>
- financial interest or personal interest shall extend to a

- 1 corporation, partnership, company, trust, association or
- 2 other entity furnishing information technology to the
- 3 Commonwealth or any of its State agencies.
- 4 (2) Consistent with paragraph (1), the director or other
- 5 policymaking employee may not accept or receive, directly or
- 6 indirectly, any of the following:
- 7 (i) Anything of monetary or other value, whether by
- 8 <u>rebate, gift or otherwise.</u>
- 9 <u>(ii) A promise, obligation or contract for future</u>
- 10 reward or compensation, regardless of the business or
- 11 <u>nonbusiness nature of the promise, obligation or</u>
- 12 <u>contract.</u>
- 13 (b) Criminal penalties. -- A person that violates subsection
- 14 (a) commits a felony of the third degree. Upon conviction, the
- 15 person shall be removed from office or State employment.
- 16 § 4364. Certification of submittal without collusion.
- 17 (a) Duty.--The director shall require bidders under this
- 18 chapter to certify that each bid on information technology
- 19 contracts overseen by the office is submitted competitively and
- 20 without collusion.
- 21 (b) Grading. -- A person that provides a false certification
- 22 under this section commits a misdemeanor of the first degree.
- 23 Section 2. This act shall take effect immediately.