



# Office of Technology

## Overview

The agencies in the Technology secretariat have the role of making the Commonwealth a leader in the growth of the information technology industry, as well as fostering the efficient and effective use of technology to best serve state government.

Heralded as the Internet Capital of the World, Virginia today benefits from the Commonwealth's position at the heart of the global information economy. In private industry, Virginia is a major technology center for several industries, including semiconductor and other electronics manufacturing, biotechnology, commercial aerospace, systems integration, advanced materials, intelligent transportation systems, and wireless communications. Virginia government has also led the way in using technology to improve government and to bring that government to its citizens, with a technology infrastructure that enables fast, efficient, and accessible services. To maintain this effort, the Office of the Secretary of Technology is developing solutions and policies so that Virginia will continue to attract high-technology firms.

### Summary of recommended funding for Technology agencies

Agency	Fiscal year 2001			Fiscal year 2002		
	GF	NGF	All funds	GF	NGF	All funds
Secretary of Technology	0.8	0.0	0.8	0.6	0.0	0.6
Department of Information Technology	<i>A sum sufficient</i>					
Department of Technology Planning	1.2	1.4	2.6	3.9	34.3	38.2
Innovative Technology Authority	12.2	0.0	12.2	11.8	0.0	11.8
Virginia Information Providers Network Authority	0.0	3.6	3.6	0.0	3.8	3.8
<b>Total for Office of Technology</b>	<b>14.2</b>	<b>4.9</b>	<b>19.1</b>	<b>16.3</b>	<b>38.1</b>	<b>54.4</b>

Dollars in millions. Figures may not add due to rounding. See "How to read the summary tables" on page 8.

## Secretary of Technology

The Secretary of Technology is appointed by the Governor and assists the Governor in the management and direction of state government by providing guidance to the four agencies within the technology secretariat. The office receives no federal funds.

### Recommended amendments:

- ▶ **Produce executive management savings.** Savings to be achieved by expanding web-based publishing statewide. For 2001, a savings of \$787 (GF). For 2002, a savings of \$1,573 (GF).
- ▶ **Implement central account adjustments.** Adjustments to properly distribute to agencies amounts that were included in a central account in the 2000 Appropriation Act:
  - Achieve productivity savings.*** A reduction in funds to reflect productivity savings called for in the 2000 Appropriation Act, which set aside savings totaling \$91.7 million statewide from the general fund. This agency's savings strategies include combining the duties of two deputy secretaries and implementing telecommunications contract savings. For 2001, a savings of \$8,301 (GF). For 2002, a savings of \$8,680 (GF).
  - Effect other technical adjustments.*** A net reduction in funds to reflect an adjustment for savings associated with the new state COVANET telecommunications contract. For 2002, a reduction of \$604 (GF).

## Department of Information Technology

The department manages a state-of-the-art voice and data telecommunications network linking over 1,200 state and local government locations. The department also operates one of the largest computer data centers on the East Coast, providing both shared mainframe and enterprise server services. The department enables its customers to achieve their goals by partnering with them to provide services that are cost-effective, timely, and of the highest quality.

The department's customers include state agencies and institutions of higher education, over 100 local governments, and a federal agency. Customer charges support the telecommunications network and computer center. These activities account for about 85 percent of the agency's spending. The agency does not receive any federal funds.

### Recommended amendment:

- ▶ **Increase technical positions to provide services related to new technologies.** Additional positions to support electronic government requirements within the department, as well as to provide assistance to other agencies involved in the transition to web-based applications. This support includes deploying new services in support of electronic government, and reducing deployment times of new technologies. The positions are to ensure continued high quality of service delivery, support expanding customer demand, and address critical issues in the agency's strategic plan. The agency's current appropriation is sufficient to support the new positions. For 2002, 13 positions (NGF).

## Department of Technology Planning

The agency serves as staff to the Secretary of Technology in his role as the state's Chief Information Officer, ensuring that state government makes the best use of its growing investment in information technology. It also supports the Secretary in promoting the availability of technology for all citizens of

the Commonwealth and in advocating a supportive environment for the growth of the technology industry in Virginia.

Working with the Secretary's multi-agency Council on Technology Services, the department develops policies, plans, and guidelines for the purchase and use of computers, software, and other technology by state agencies. An electronic government implementation division has been organized within the department to coordinate and oversee several major statewide "e-government" initiatives. The agency also houses a geographic information network division, which fosters the creative use of geographic information systems (GIS) in the Commonwealth, and a public safety communications division, which serves as staff to the Wireless E-911 Services Board in promoting and supporting enhanced emergency telecommunications services and technologies throughout the state. The department also assists small Virginia-based high-technology firms in obtaining research and development funds from several federal programs available for such purposes. The agency does not receive any federal funds.

**Recommended amendments:**

- ▶ **Implement electronic government.** Funds to continue the Governor's e-government initiative set forth in Executive Order 65 (2000), which directed the Department of Technology Planning to establish an Electronic Government Implementation Division. This division will carry out the policies and procedures necessary for state agencies to accelerate and implement electronic government and related technology initiatives. The responsibilities of this division include promoting the deployment of digital signatures, developing guidelines for the implementation of a statewide desktop computer contract, directing a digital opportunity task force, and planning to migrate key government processes to web-based applications. A portion of the savings identified in state agencies' budgets resulting from the new statewide COVANET telecommunications contract will support the e-government division. For 2002, \$2.2 million (NGF) and three positions (NGF).
- ▶ **Establish PowerUP partnership sites.** Additional funds for PowerUP, a strategy to reach out and create digital opportunities. This program is a public-private teaching partnership with America Online (AOL), the Case Foundation, and other nonprofit organizations. PowerUP affiliates assist young persons whose access to computers, technology, and online resources has been constrained by social circumstances. Funding will be used to hire staff to assist such young people in libraries, after school programs, residential complexes, community centers, or in other settings where youth congregate. This will help to ensure that the future citizens of Virginia acquire the skills, experience, and resources they need to succeed in the Internet Age. For 2002, \$1.0 million (GF).
- ▶ **Provide payments to localities, the Virginia State Police, and commercial mobile radio service providers for E-911 costs.** Under state law, the Wireless E-911 Services Board is required to reimburse localities, the State Police, and commercial mobile radio system providers for certain costs related to emergency wireless communications. In addition, since wireline E-911 service is required prior to wireless E-911, the Wireless Services Board may also support localities having neither service. All funding for this activity is generated by a wireless E-911 surcharge collected by mobile radio system providers from their customers billed within the Commonwealth. For 2002, \$30.9 million (NGF).
- ▶ **Develop and improve educational website.** Additional funds for content development and support of the "Commonwealth of Knowledge" website. This website links successful lesson plans with the Standards of Learning for use by educators. Also provided on the website are an educator's calendar for posting related events, various resource links, and a "teacher to teacher" discussion board. For 2002, \$200,000 (GF).

- ▶ **Produce executive management savings.** Savings to be achieved by expanding web-based publishing. For 2001, a savings of \$522 (GF). For 2002, a savings of \$1,045 (GF).
- ▶ **Implement central account adjustments.** Adjustments to properly distribute to agencies amounts that were included in a central account in the 2000 Appropriation Act.

***Achieve productivity savings.*** A reduction in funds to reflect productivity savings called for in the 2000 Appropriation Act, which set aside savings totaling \$91.7 million statewide from the general fund. This agency's savings strategies include: using e-mail in lieu of regular mailings; providing web-based submission of information technology plans by state agencies; economizing on office space needs; implementing e-procurement, telecommunications contract savings, and personal services efficiencies; and expanding the use of the Internet for recruitment actions. For 2001, a savings of \$21,018 (GF). For 2002, a savings of \$26,436 (GF).

***Effect other technical adjustments.*** A net reduction in funds to reflect adjustments for savings associated with the suspension of performance indemnity bond premium payments and the new state COVNET telecommunications contract. For 2002, a reduction of \$658 (GF).

## Innovative Technology Authority

The authority provides businesses with access to the state's technology resources and assists in attracting and retaining high-technology jobs and businesses through its nonprofit corporation, the Center for Innovative Technology. It mobilizes support for high-technology industries to commercialize new products and processes, including organizing assistance for small businesses and supporting selected industry sectors and regional high-technology efforts. It enhances and expands the research and development capabilities of Virginia's colleges and universities, including transferring technological advances to the private sector. It also capitalizes on the presence of federal laboratories within the Commonwealth. In fiscal year 2000, 2.6 per cent of the agency's spending was from federal funds.

### Recommended amendments:

- ▶ **Produce executive management savings.** Savings from a reduction of three percent in 2001 and six percent in 2002 to selected programs and activities to be achieved by agency management actions such as improved business practices, technology enhancements, operational efficiencies, or other cost-containment measures. In addition, the agency will achieve savings by maintaining current funding levels for technology centers. For 2001, a reduction of \$376,927 (GF). For 2002, a reduction of \$1.8 million (GF).
- ▶ **Implement central account adjustments.** Adjustments to properly distribute to agencies amounts that were included in a central account in the 2000 Appropriation Act:

***Achieve productivity savings.*** A reduction in funds to reflect productivity savings called for in the 2000 Appropriation Act, which set aside savings totaling \$91.7 million statewide from the general fund. This agency's savings strategies include: encouraging the use of video teleconference, installing a more efficient telephone system, reducing performance monitoring costs, outsourcing network management functions, using interns to coordinate studies, providing publications online, and consolidating coordination of staff training. For 2001, a savings of \$262,684 (GF). For 2002, a savings of \$262,684 (GF).

***Effect other technical adjustments.*** A net reduction in funds to reflect an adjustment for savings associated with the suspension of automobile liability premium payments. For 2002, a reduction of \$619 (GF).

## **Virginia Information Providers Network Authority (VIPNet)**

The authority was established by law in 1996 to expand and simplify the means by which Virginia's businesses and citizens could access available government information. The VIPNet provides Internet links to all state agencies and institutions of higher education, as well as to all local government websites. The VIPNet currently has formal agreements with over 40 state agencies and localities to provide or support their websites or provide specific web-based services. All of the authority's revenue comes from fees charged to users of premium services (for example, access to Department of Motor Vehicle records). The agency does not receive any federal funds.

**No recommended amendments**



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## Detail Tables

	Fiscal Year 2001			Fiscal Year 2002		
	General	Nongeneral	All Funds	General	Nongeneral	All Funds
<b>SECRETARY OF TECHNOLOGY</b>						
<b>2000-2002 legislative appropriation</b>	778,364	0	778,364	579,080	0	579,080
<b>Central accounts adjustments:</b>						
▶ Productivity savings	(8,301)	0	(8,301)	(8,680)	0	(8,680)
▶ Other technical adjustments	0	0	0	(604)	0	(604)
Subtotal central accounts adjustments	(8,301)	0	(8,301)	(9,284)	0	(9,284)
<b>Recommended amendments:</b>						
Produce executive management savings	(787)	0	(787)	(1,573)	0	(1,573)
<b>Total recommended amendments</b>	(787)	0	(787)	(1,573)	0	(1,573)
<b>Total recommended funding</b>	769,276	0	769,276	568,223	0	568,223
% change over legislative appropriation	(1.17%)	0%	(1.17%)	(1.87%)	0%	(1.87%)
<b>Position Level:</b>						
<b>2000-2002 legislative appropriation</b>	6.00	0	6.00	6.00	0	6.00
Recommended amendments	0	0	0	0	0	0
<b>Total recommended positions</b>	6.00	0	6.00	6.00	0	6.00
<b>DEPARTMENT OF INFORMATION TECHNOLOGY</b>						
<b>2000-2002 legislative appropriation</b>			A sum sufficient			
<b>Total recommended funding</b>	0	0	0	0	0	0
% change over legislative appropriation	N/A	N/A	N/A	N/A	N/A	N/A
<b>Position Level:</b>						
<b>2000-2002 legislative appropriation</b>	0	326.00	326.00	0	326.00	326.00
Recommended amendments	0	0	0	0	13.00	13.00
<b>Total recommended positions</b>	0	326.00	326.00	0	339.00	339.00
<b>DEPARTMENT OF TECHNOLOGY PLANNING</b>						
<b>2000-2002 legislative appropriation</b>	1,243,244	1,350,251	2,593,495	2,758,199	1,166,356	3,924,555
<b>Central accounts adjustments:</b>						
▶ Productivity savings	(21,018)	0	(21,018)	(26,436)	0	(26,436)
▶ Other technical adjustments	0	0	0	(658)	0	(658)
Subtotal central accounts adjustments	(21,018)	0	(21,018)	(27,094)	0	(27,094)

	Fiscal Year 2001			Fiscal Year 2002		
	General	Nongeneral	All Funds	General	Nongeneral	All Funds
<b>Recommended amendments:</b>						
▶ Provide payments to localities, the Virginia State Police, and commercial mobile radio service providers for E-911 costs	0	0	0	0	30,900,000	30,900,000
▶ Implement Electronic Government	0	0	0	0	2,235,626	2,235,626
▶ Establish PowerUP partnership sites	0	0	0	1,000,000	0	1,000,000
▶ Develop and improve educational website	0	0	0	200,000	0	200,000
▶ Produce executive management savings	(522)	0	(522)	(1,045)	0	(1,045)
<b>Total recommended amendments</b>	<b>(522)</b>	<b>0</b>	<b>(522)</b>	<b>1,198,955</b>	<b>33,135,626</b>	<b>34,334,581</b>
<b>Total recommended funding</b>	<b>1,221,704</b>	<b>1,350,251</b>	<b>2,571,955</b>	<b>3,930,060</b>	<b>34,301,982</b>	<b>38,232,042</b>
% change over legislative appropriation	(1.73%)	0%	(0.83%)	42.49%	2,840.95%	874.18%
<b>Position Level:</b>						
<b>2000-2002 legislative appropriation</b>	<b>6.00</b>	<b>20.00</b>	<b>26.00</b>	<b>6.00</b>	<b>20.00</b>	<b>26.00</b>
Recommended amendments	6.00	(6.00)	0	6.00	(3.00)	3.00
<b>Total recommended positions</b>	<b>12.00</b>	<b>14.00</b>	<b>26.00</b>	<b>12.00</b>	<b>17.00</b>	<b>29.00</b>
<b>INNOVATIVE TECHNOLOGY AUTHORITY</b>						
<b>2000-2002 legislative appropriation</b>	<b>12,826,927</b>	<b>0</b>	<b>12,826,927</b>	<b>13,783,415</b>	<b>0</b>	<b>13,783,415</b>
<b>Central accounts adjustments:</b>						
▶ Productivity savings	(262,684)	0	(262,684)	(262,684)	0	(262,684)
▶ Other technical adjustments	0	0	0	(619)	0	(619)
Subtotal central accounts adjustments	(262,684)	0	(262,684)	(263,303)	0	(263,303)
<b>Recommended amendments:</b>						
▶ Produce executive management savings	(376,927)	0	(376,927)	(1,751,207)	0	(1,751,207)
<b>Total recommended amendments</b>	<b>(376,927)</b>	<b>0</b>	<b>(376,927)</b>	<b>(1,751,207)</b>	<b>0</b>	<b>(1,751,207)</b>
<b>Total recommended funding</b>	<b>12,187,316</b>	<b>0</b>	<b>12,187,316</b>	<b>11,768,905</b>	<b>0</b>	<b>11,768,905</b>
% change over legislative appropriation	(4.99%)	0%	(4.99%)	(14.62%)	0%	(14.62%)
<b>Position Level:</b>						
<b>2000-2002 legislative appropriation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Recommended amendments	0	0	0	0	0	0
<b>Total recommended positions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>VIRGINIA INFORMATION PROVIDERS NETWORK AUTHORITY</b>						
<b>2000-2002 legislative appropriation</b>	<b>0</b>	<b>3,564,036</b>	<b>3,564,036</b>	<b>0</b>	<b>3,804,036</b>	<b>3,804,036</b>
<b>Total recommended funding</b>	<b>0</b>	<b>3,564,036</b>	<b>3,564,036</b>	<b>0</b>	<b>3,804,036</b>	<b>3,804,036</b>
% change over legislative appropriation	0%	0%	0%	0%	0%	0%

	Fiscal Year 2001			Fiscal Year 2002		
	General	Nongeneral	All Funds	General	Nongeneral	All Funds
<b>Position Level:</b>						
<b>2000-2002 legislative appropriation</b>	0	2.00	2.00	0	2.00	2.00
Recommended amendments	0	0	0	0	0	0
<b>Total recommended positions</b>	0	2.00	2.00	0	2.00	2.00
<b>TOTAL FOR TECHNOLOGY</b>						
Grand total recommended funds	14,178,296	4,914,287	19,092,583	16,267,188	38,106,018	54,373,206
Grand total recommended positions	18.00	342.00	360.00	18.00	358.00	376.00