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Georgia Technology Authority

GETS Ready Services from AT&T

Solutions that serve the
public sector in Georgia



Technology for today & tomorrow

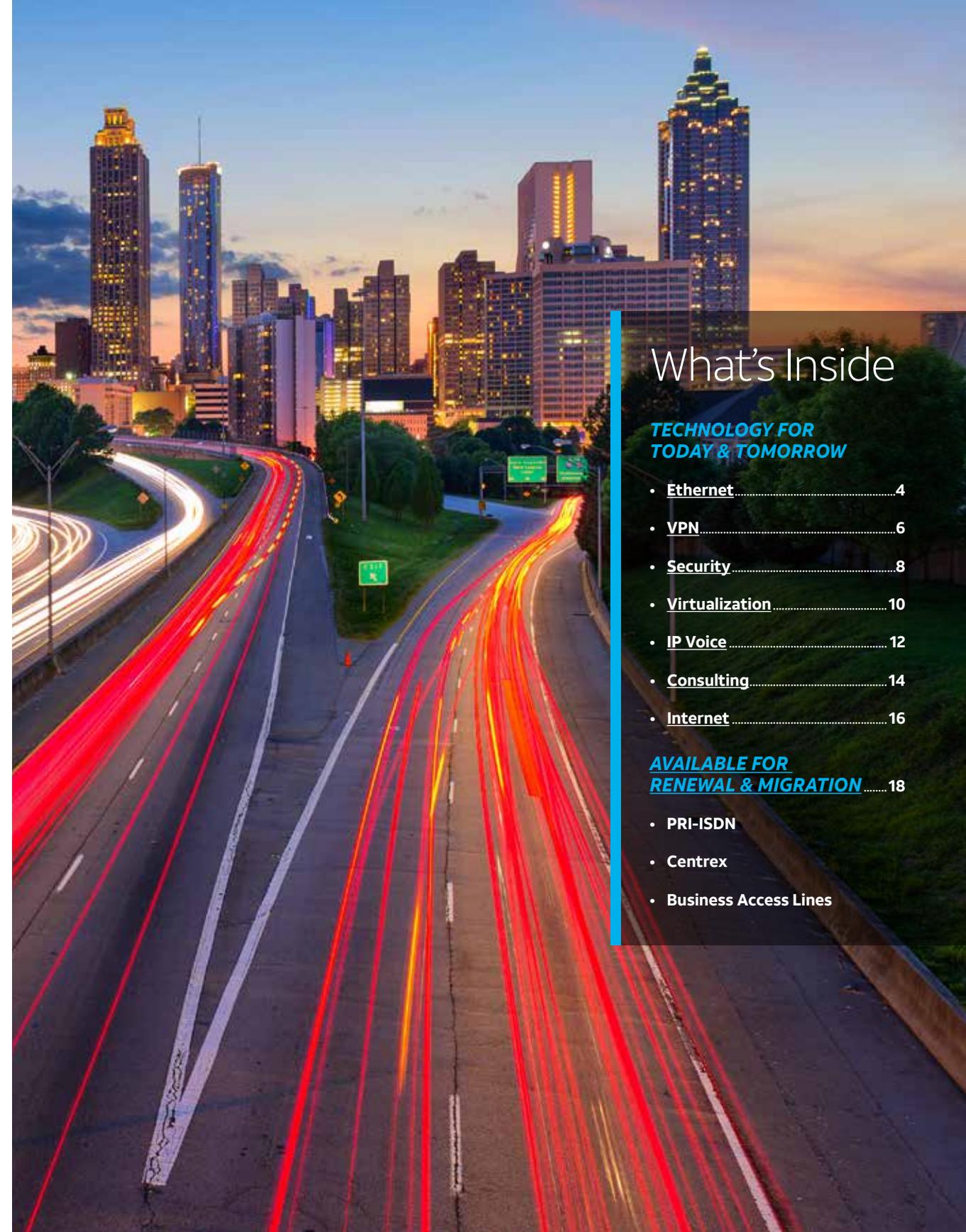
AT&T has invested in our Georgia communications networks, our people and local communities for 138 years.

From 2013 to 2015, AT&T has invested more than \$5.5 billion in its best-in-class wired and wireless networks in the state of Georgia. During that same time period, more than \$23.8 million was contributed by AT&T, the AT&T Foundation and our employees through giving programs in Georgia. In 2015, AT&T employees and retirees volunteered more than 315,000 hours of personal time to community outreach activities in Georgia. And as of December 31, 2016, we have more than 19,900 AT&T employees working, and 20,444 retirees, living in Georgia. Our employees are your neighbors, your students, your family and your government sales professionals.

AT&T has also sustained a lasting relationship with the State of Georgia and the Georgia Technology Authority (GTA) to deliver technology services to the public sector. As a state agency, GTA provides IT leadership and manages the delivery of IT infrastructure services to 85 Executive Branch agencies and managed network services to 1,300 state and local government entities today.

Working together, Georgia Technology Authority (GTA) and AT&T provide a fully managed suite of voice, data, LAN and consulting services for state agencies and higher education institutions through the Georgia Enterprise Technology Services (GETS) program. Since 2008 to today, AT&T manages more than 75,000 voice lines, 2,000 data lines, 1,700 managed routers and 35,000 managed LAN devices within the GETS program.

In 2016, Georgia Technology Authority (GTA) and AT&T expanded our efforts to begin offering GETS Ready services from AT&T for public sector entities across the State. This catalog provides a list of those services and a specific email to contact an AT&T professional for questions or to place an order. Together, GTA and AT&T are honored to support your public sector technology needs for today & many more tomorrows.



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Technology is changing rapidly and with that comes higher demands on your network while pushing bandwidth requirements to its limits. Ethernet solutions from AT&T can scale as your agency grows and can expand geographically to accommodate that growth. You need a service that has a variety of bandwidth and configuration options that include switched, dedicated or point-to-point.

AT&T Switched Ethernet

For two or more locations, you may need a Point to Point, Hub and Spoke or fully meshed network design. With AT&T Switched Ethernet, you can grow from one to many sites while choosing which sites will communicate with each other. Switched Ethernet is a shared network arrangement which provides a low cost easy to build solution. Available from 2 Mbps to 10 Gbps bandwidth options.

AT&T Switched Ethernet on Demand

Use Network on Demand capabilities to add or change network services, order additional ports, allocate bandwidth and tune your Ethernet connections to application-specific needs, all in near real-time.

AT&T Dedicated Ethernet

Dedicated Ethernet is for concentrated heavy bandwidth use. If your agency has heavy bandwidth between two locations, like data center to data center, file transfers or two large sites, you may require a high bandwidth, reliable, highly secure and cost effective Point to Point link. Available from 1 Gbps to 100 Gbps bandwidth options.

Converge voice, data and video applications with Ethernet services.

AT&T Virtual Private Network is a network-based IP VPN solution with a wide range of features and the flexibility to choose the options you require today, and over time. AT&T VPN is provided over the AT&T Global Network utilizing Multiprotocol Label Switching (MPLS). With MPLS, you create a highly secure network that is also highly reliable because your data doesn't travel over the public Internet.

AT&T VPN

AT&T VPN (AVPN) addresses the importance of providing an agile, converged network to connect your locations and integrate both legacy and leading edge technologies in a secure and reliable environment. AVPN delivers flexibility to easily add new locations, applications and features to your network and integrates with wireless. Available from 1.5 Mbps to 1 Gbps bandwidth options.

AT&T VPN Tunneling Service Managed Router Service

AT&T VPN Tunneling Service is an IP-based service that sends encrypted confidential data over the Internet or other public networks. Encryption helps prevent others from copying or reading transmitted information, integrity checks help ensure that no one tampers with data in transit and authentication is designed to verify that the user sending or viewing the data is authorized to do so.

AT&T Network-Based IP VPN Remote Access (ANIRA)

AT&T Network-Based IP VPN Remote Access (ANIRA) Services are designed to provide highly secure access to critical applications regardless of employee location, access type or device. Employees at home, in a satellite office or in the field can have a consistent VPN access experience, flexible access from smartphones, tablets or laptops with highly secure remote access to keep communications and data private.

MPLS VPN delivers a highly secure, reliable network architecture.





All public sector agencies hold some type of valuable or sensitive material, whether its citizen records, financial information or procurement data. And in today's highly interconnected world, each agency—no matter how small—is a stepping stone to another. So even a seemingly minor breach can have wide-ranging implications. The time for action on cybersecurity is now.

AT&T DDoS

In a Distributed Denial of Service (DDoS) attack, hackers flood your website with traffic to overwhelm your servers in order to shut your site down. The AT&T DDoS Defense monitoring and mitigation solution is designed to detect, block, and scrub malicious data packets, helping your website stay up and running.

AT&T Premises-Based Firewall Service

AT&T Premises-Based Firewall Service provides a highly functional layer of security to your networks. The service is a fully managed solution, which includes all hardware and software components, configuration, installation, day to day management and maintenance, as well as expert customer support and proactive network monitoring.

AT&T NetBond®

AT&T NetBond enables you to connect, or “bond,” your AT&T virtual private network (VPN) to cloud providers of your choice. AT&T NetBond offers dependable, high-performance access to your applications, protection against threats and attacks, and the ability to quickly provision cloud resources online and scale them on demand.

AT&T Telephony Management and Security Service

The exploitation of the phone network for illegitimate or fraudulent use is on the rise. The AT&T Telephony Management and Security Service, featuring the SecureLogix® suite of products powered by AT&T, is the always-on solution you need to identify, mitigate or eliminate your voice threats and simplify voice network management.

Detect, deter, and mitigate the damage of cyberattacks.

What is *virtualization* and why is it redefining the network?

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In the last eight years, data traffic on our network has increased a staggering 100,000 percent. We've been able to keep up with the increase by using more and more sophisticated, complex routers, switches and other gear. But this just isn't feasible for much longer. It's too slow, too inefficient and too expensive.

At AT&T, we have found a better way. It's a model developed in the IT world, where you emulate the functions of those complex pieces of hardware with software, and run that software on standard, off-the-shelf hardware. You can add capacity faster and push out upgrades at the speed of the Internet.

That's the model for our next-generation network, powered by technologies including software-defined networking (SDN) and network function virtualization (NFV). By 2020, we plan to virtualize and control over 75 percent of our network using this new software-defined architecture to meet the growing demands of data and video-hungry users.

AT&T FlexWare

With AT&T FlexWare, you'll no longer have to buy, manage, and maintain a stack of specialized network appliances—such as routers, firewalls, and WAN accelerators. Instead, you can simply run these, and virtually any other network function, as software on industry-standard, high-volume servers.

We are building AT&T FlexWare with an eco-system of best-in-class vendors, so you can pick the technology and features you prefer for the functions you want to run. We have already announced alliances with Juniper®, Fortinet®, Cisco®, Riverbed®, and Brocade®, for example. AT&T FlexWare will continue to expand as we bring more vendors, more functions, and additional connectivity options on board.

Not ready for virtualization? Managed Router Solutions (MRS) may be the right service for you today depending on your network configuration and bandwidth needs. MRS is a wide area network (WAN) service that seamlessly integrates multi-protocol networks onto one reliable WAN.



Voice over Internet Protocol (VoIP) became a new way of making traditional phone calls by transporting voice over an Internet connection. Today, the high bandwidth and reach of IP networks can help improve voice clarity and take your voice virtually anywhere. AT&T offers a range of VoIP solutions, including SIP Trunking and Hosted VoIP services, with flexible on-premises or managed options.

AT&T Collaborate™

AT&T Collaborate is a flexible hosted voice solution that gives you the traditional voice features you need and the collaboration tools you want, in the office and in the field. With simple, easy to use options from basic voice to enhanced features, and unified communications. Your employees will have everything they need at their fingertips, with features like chat, voice, video and desktop sharing.

IP Flexible Reach

AT&T IP Flexible Reach is a Session Initiation Protocol (SIP) Voice over IP (VoIP) trunking service that integrates voice and data on a single network so you can optimize the network capacity and flexibility of your existing PBX or key system investments. In other words, SIP makes your voice trunks speak the same language as your network resulting in faster, better quality and more flexible service.

IP Toll Free

Maximize the effectiveness of your 800 service by combining toll free service with the efficiencies of an IP converged network. IP Toll-Free connects with your existing traditional nodal voice service, letting you transition to IP without disruption while enjoying advanced call routing features and call management. Using Session Initiation Protocol (SIP) together with IP Toll-Free helps you maximize your benefits.

Voice features you need and the collaboration tools you want.

Consulting services dispatched to handle your unique needs.

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AT&T consultants have deployed some of the largest and most complex infrastructure solutions on record. Our proven methodology enables us to execute IT programs on-time and on-budget.

We offer independent verification and validation as well as optimization services which help align IT with your strategic imperatives. We are manufacturer agnostic and laser-focused on applying the solution that best fits your needs.

Our consultants bring diverse experience and certifications across leading vendor technologies and platforms. This enables us to support multi-vendor solution integration and deployment.

In addition to technology considerations, AT&T Consulting understands the people and process components as well. This helps in the adoption of new technologies and in bringing about a smooth transition to operations. Our engagement approach factors in cross-disciplinary considerations, such as how to effectively secure and manage the infrastructure.

AT&T Consulting provides a spectrum of capabilities across eight strategic service areas:

- Network
- Cloud and Data Center
- Security
- IT Service Management
- Contact Center
- Unified Communications
- Project Management
- IT Transformation



The Internet is one of the most essential tools used by the public sector today, providing access to an abundance of resources and leading edge applications. As technology evolves, agencies rely more heavily on the Internet and require higher performance, better reliability and added scalability without sacrificing security and control.

AT&T Dedicated Internet

Get a dedicated, fast, symmetrical IP connection to support demanding applications and keep your agencies connected. You can select AT&T Dedicated Internet with an AT&T-managed router, or provide and manage your own router. AT&T proactively monitors your Internet access around the clock and offers features to help protect your critical applications.

Broadband Internet Services

Broadband Internet Services offers high-speed, cost-effective bandwidth, from 3Mbps to 18Mbps that allow you to perform functions like audio and video streaming and data transfer.

Cost-effective Internet service in various types and speeds.

Available for renewal & migration

While an IP-enabled network serves as the foundation upon which governments will develop and deploy new services today and far into the future, we also understand that agencies have distinct roadmaps and varying timelines for migrating to an IP-enabled network. The following traditional services may be renewed or utilized as you plan your migration to new and emerging technology services.

PRI-ISDN

Integrated Services Digital Network Primary Rate Interface (ISDN PRI) is a voice and data service that provides high-volume access to the public switched telephone network (PSTN).

Centrex

Centrex is a voice communications system that operates out of AT&T local central offices and provides you with a powerful and flexible alternative to premises-based switching systems.

Long Distance Services

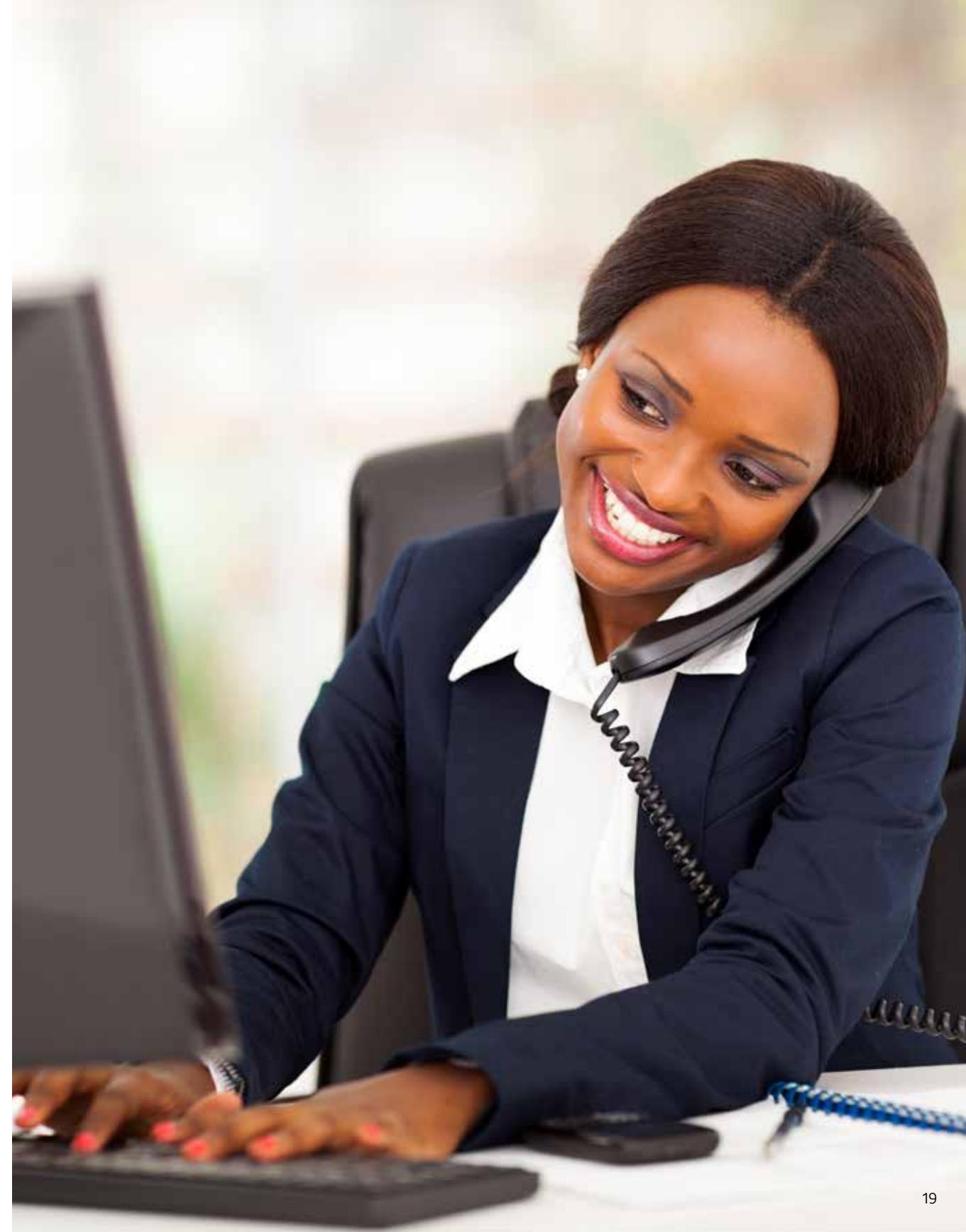
Long distance voice services include domestic and international coverage, inbound and outbound traffic coverage and calling features.

Megalink

AT&T MegaLink service is a full duplex, intraLATA, private-line digital transport service operating at up to 1.544 MBPS. MegaLink service provides high speed transfer of large volumes of voice, data, video, or control signals between two locations in the same LATA.

Business Access Lines

Business Access Lines is a local telephone service that handles all of your routine telecommunications applications, including incoming and outgoing calls, faxes, and Internet connections.





A fully connected network brings it all together.

Government is where innovation happens. Delivering services to constituents where they live and work, agencies are using technology to strengthen community connections. AT&T continues to spearhead the network revolution, driving innovation and investing more capital than any other US public company. By bringing together solutions that protect, serve and connect—committed AT&T professionals are working with the public sector to identify and implement technology to transform the business of government.

