Transition & Transform

AT&T & Enterprise Infrastructure Solutions

AT&T

The Path to Modernization

Remember when grassroots was innovative. When legacy meant the decades of time & talent you had invested. And investment meant something you built, not maintained. Today, more than 80% of federal government IT budgets are spent on maintaining systems, with only a fraction invested in innovation. Modernization is on everyone's mind and a focal point of agencies today, but how do you get there? Especially with tightened budgets and evolving policies.

The new Enterprise Infrastructure Solutions (EIS) contract provides a path to transition & transformation. This comprehensive solution-based vehicle addresses federal agency IT telecommunications and infrastructure requirements.

When it comes to transformation, we get it. We've been enabling and innovating communications for more than 140 years. And we've invested more in the future of our country than any other public company.

Let's start with the solutions in this catalog. We're **#EISready**.

Inside

The AT&T Difference

The speed of innovation is faster than ever. The systems of the past can no longer efficiently support the digital services and applications in demand today. And they're costly to secure. As your trusted provider, we can help you manage the risk and impact of infrastructure change and navigate the complexities of acquisition—so you can get back to innovating.

From our global organization comes a dedicated force of subject matter experts well-versed in the intricacies of technology implementation and federal procurement. You can rely on us to ease your transition from Networx to the Enterprise Infrastructure Solutions (EIS) contract. Our team of experts is ready to support your agency throughout the process—from contract transition to IT transformation. We'll work with your staff to understand how your mission goals are growing, to allow the technology you deploy today to scale with the demands on your agency.

Let us handle the transition process while you focus on your agency's core mission. We can support your agency's needs by providing:

- **An Experienced Team.** We have a solid history in delivering end-to-end IT solutions to federal agencies. Our expertise in complex transition management stems from years of experience in overseeing full-scale network transitions.

- **A One-stop Shop for Extensive Solutions Offerings.** We offer an extensive portfolio of solutions in wireless, wireline and professional services through our EIS contract.

- **World-class Security Solutions and Expertise.** Our multi-layered approach helps you protect agency assets, mitigate security risks and reduce exposure, as well as meet evolving mandates .

- **The AT&T Owned-and-operated Global Network.** The unrivaled global coverage and capacity of the AT&T network provide ubiquitous service—enabling simplified contracting, network consolidation and support of standardized procedures throughout your agency.

- **Competitive and Transparent Pricing.** Our pricing structure improves budget management, providing you the flexibility to adapt.

Why use the EIS Contract?

By replacing the expiring Networx Enterprise and Universal contracts and the local services contracts, including WITS, EIS serves as your single acquisition vehicle for enterprise infrastructure across the nation or around the globe.

You can avoid multiple procurements for multiple services needing integration—requiring additional time, staffing resources and investment. By using streamlined procedures through EIS, you can customize task orders to your agency's unique requirements, helping to keep costs under control.

Simply put, EIS was created to help agencies, like yours, transform through technology as efficiently as possible. Through this comprehensive vehicle, we offer:

- **One Stop Shopping.** Simplify processes, reduce costs and obtain the communications products and services you need from one easy-to-use vehicle.

- **End-to-end Solutions.** Working with one contract streamlines acquisition and implementation of comprehensive solutions, helping you reduce costs of procurement cycles

- **Managed Service Capabilities.** We'll take care of managing select services for you, so your team can focus on other priorities.

How you benefit:

- **Greater Security:** Retiring legacy equipment helps you minimize vulnerabilities and exposure to threats and attacks.

- **Lower Risk:** Newer technologies, such as software-defined networks, improve agency operations. Working with an experienced team helps minimize risk of change and disruption.

- **Higher Productivity:** Streamlined processes means your agency can boost productivity and deliver better services to citizens.

- **Increased Mobility:** Your workforce is no longer anchored to office sites, working productively virtually anywhere with wireless communications.

- **Optimized Budget:** Investing in scalable IT helps you minimize dependency on older systems and plan for future growth.

- **Standardized Pricing:** Knowing upfront costs through EIS helps your team forecast more efficiently.

Contact an AT&T representative at **EISCSO@att.com** or **1.844.EIS.ATT1**.

AT&T stands apart from the rest by offering an extensive portfolio of capabilities through the EIS contract. Think of us as your single source for end-to-end solutions for wireless, wireline and professional services.
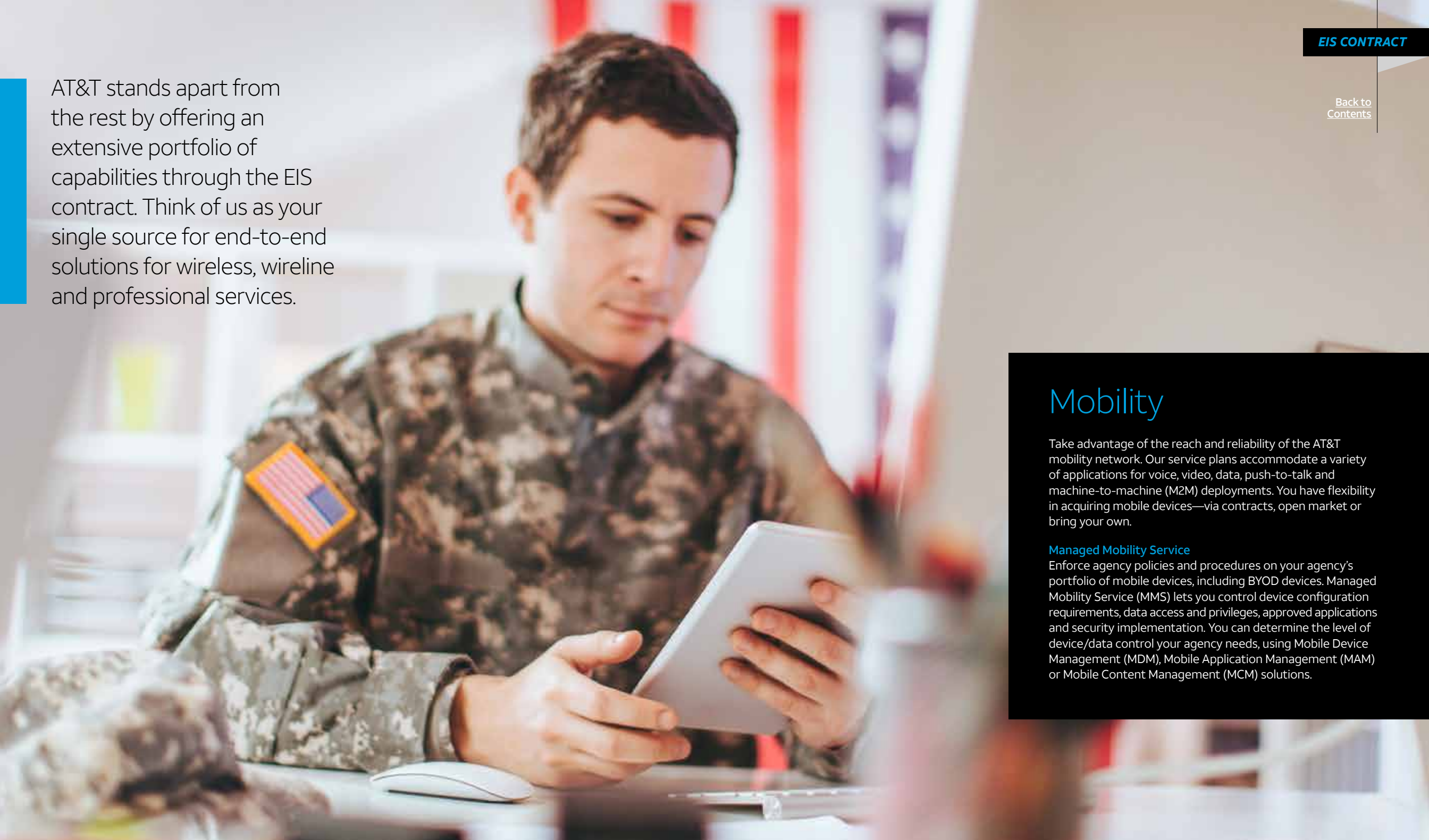
Mobility

Take advantage of the reach and reliability of the AT&T mobility network. Our service plans accommodate a variety of applications for voice, video, data, push-to-talk and machine-to-machine (M2M) deployments. You have flexibility in acquiring mobile devices—via contracts, open market or bring your own.

Managed Mobility Service
Enforce agency policies and procedures on your agency's portfolio of mobile devices, including BYOD devices. Managed Mobility Service (MMS) lets you control device configuration requirements, data access and privileges, approved applications and security implementation. You can determine the level of device/data control your agency needs, using Mobile Device Management (MDM), Mobile Application Management (MAM) or Mobile Content Management (MCM) solutions.

Cybersecurity

Managed Trusted Internet Protocol Service (MTIPS)
Receive highly secure, reliable and resilient Internet service through the AT&T redundant MTIPS architecture. Our TIC 2.0-compliant service avoids a single point of failure through dual TIC Portals, dual Security Operations Analysis Centers (SOAC) and dual Security Operations Management Centers (SOMC). AT&T MTIPS provides continuous analysis/correlation and response to security threats, as well as continuous tactical enterprise management services.

Managed Security Service
Maintain continuity of operations and protect agency assets through AT&T Managed Security Service (MSS), our state-of-the-art suite of security tools. The robust operational techniques that we use to operate one of the world's largest network are deployed to protect your network. Engineers of AT&T Labs have made significant strides to build a solid defense-in-depth architecture—from the information level through the network level.

Intrusion Prevention Security Service (IPSS)
Your agency will benefit from IPSS by leveraging the government's knowledge and investment in identifying cyber threats, while receiving an integrated commercial-based security service. AT&T IPSS solution monitors and aggregates inbound and outbound Internet traffic, detects and filters malicious email, and provides Domain Name Service (DNS) protection using classified Government Furnished Information (GFI) threat indicators.

IP Optical & Transport

Virtual Private Network Services (VPNS)
Interconnect your sites across metropolitan areas or around the globe. VPNS is a Multiprotocol Label Switching (MPLS)-based architecture, offering a wide range of connectivity options and features, including point-to-point, point-to-multipoint, classes of service (CoS), multicast, and interworking with Ethernet and IP networks.

Ethernet Transport Service (ETS)
Connect with other agencies at bandwidths scalable up to 10 Gbps today and higher speeds in the future. Ethernet Transport Service provides higher-layer protocol transparency.

Internet Protocol Service (IPS)
Enjoy flexibility in interconnecting with public ISP networks and other government networks across the public Internet. IPS provides protocol-transparent connectivity to your agency sites.

Optical Wavelength Service (OWS over WDM)
Handle heavy bandwidth demands and large, unexpected traffic surges with Optical Wavelength Service over Wave Division Multiplexing service. AT&T long-haul WDM systems support multiple concurrent SONET and Ethernet standards-compliant signals.

Private Line (PLS)
Take advantage of dedicated connectivity between global end points through an array of bandwidth options with our Private Line Service. Choose link speeds from 64Kbps to 10Gbps for layer 1 transport to required solutions.

Synchronous Optical Network Service (SONETS)
Rely on the AT&T SONETS for highly secure and dedicated connectivity for voice, data, telemetry, video, or multimedia and encrypted communications. SONETS is a self-healing optical fiber network service, providing resilience at a low cost.

Dark Fiber Service (DFS)
Enjoy dedicated point-to-point connectivity or flexible configurations for interconnecting multiple locations. Dark Fiber Service provides a scalable optical fiber infrastructure (cabling and repeaters) that lets you design your own optical networks, connect your own electronics to provide transport on fiber strands, and modify your networks as needed.

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

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.

Contact an AT&T representative at **EISCSO@att.com** or **1.844.EIS.ATT1**.

Cloud

Content Delivery Network Service (CDNS)
Speed your digital assets around the globe to meet the increasing demand, using Content Delivery Network Service (CDNS). Rely on us for static content delivery, on-demand and real-time streaming, application acceleration, mobile optimization and security services, assistance for agency web sites, eCommerce, software and video portals. You'll benefit from integrated failover service, as well as a redirection and distribution service for global load balancing.

Collocated Hosting Service (CHS)
Expect more than just space and power within AT&T Data Centers. Collocated Hosting Service (CHS, also known as Data Center Service) is part of a reliable, highly secure, scalable and globally available portfolio of hosting solutions, with access to our IP backbone network.

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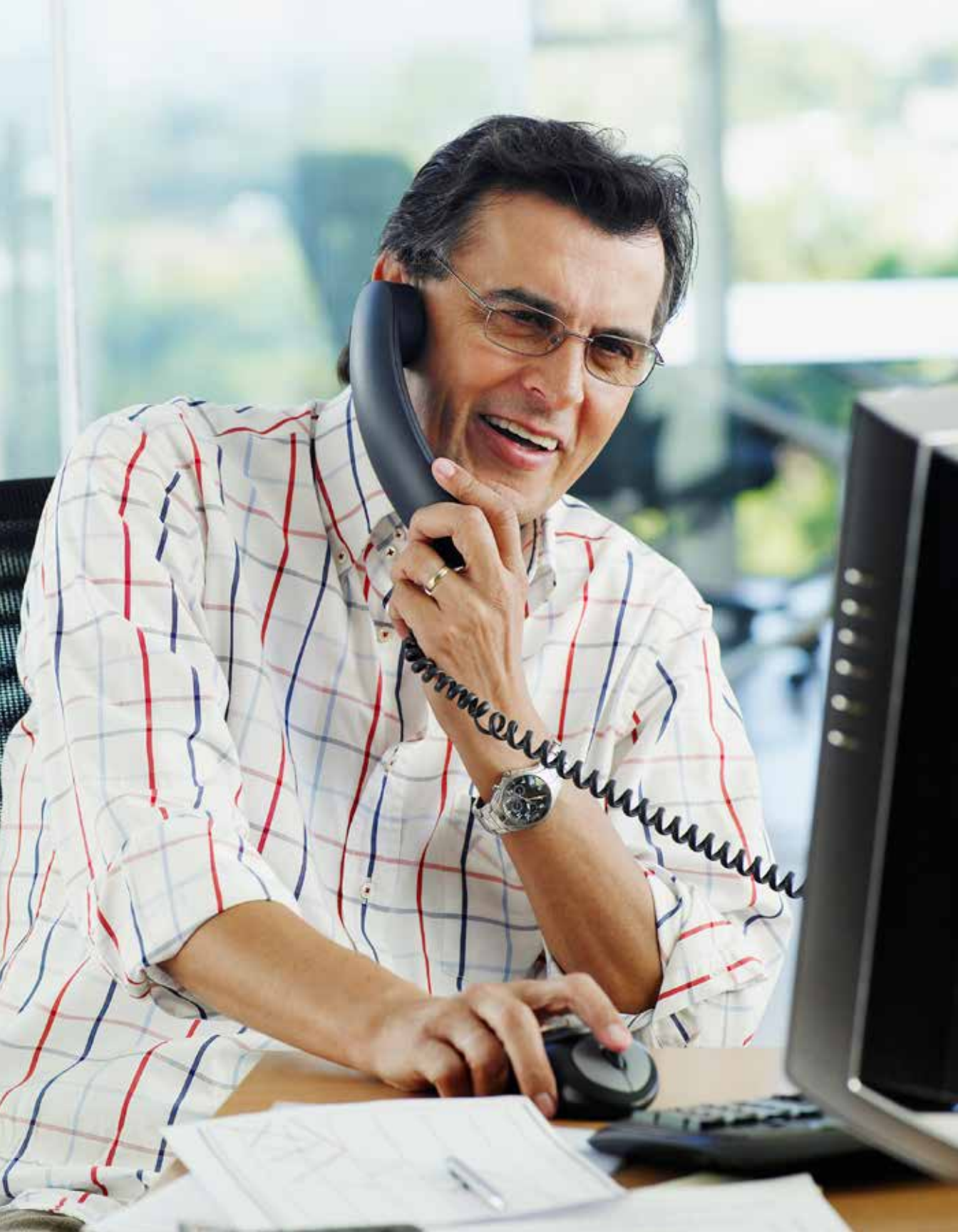
VOIP & Telephony

IP Voice Service (IPVS)
Obtain robust voice communications services over a highly secure managed IP/MPLS VPN. The IPVS network and services support both hosted and premises-based IP call management systems, managed voice LAN services, and feature-rich SIP trunking services for interconnecting agency-owned call processing systems with the PSTN.

Toll Free Service (TFS)
Our next-generation, IP-based voice network provides flexible and configurable call routing for toll-free calls to agency-defined locations. Toll Free Service (TFS) supports traditional toll-free features and functions, along with new in-network capabilities made possible only through IP voice. TFS also supports both traditional and IP-based call center equipment with a single service infrastructure.

Unified Communications & Conferencing

Unified Communications Service (UCS)
Have all the features of business telephones integrated with the communications functions of desktop computers, laptops and mobile devices. AT&T Unified Communications Service enables your agency to collaborate and easily share information, extending the reach of work sites as workers digitally connect on the go.

Web Conferencing Service (WCS)
Share data and applications with geographically dispersed conference participants in real-time on a variety of devices. AT&T Web Conferencing Service can connect several participants or several hundred. Scheduled events and web broadcasts can reach thousands.

Audio Conferencing Service (ACS)
Connect geographically dispersed participants in real-time, using multiple reservation formats and a variety of global dialing plans. Scalable and feature-rich, AT&T Audio Conferencing Services provide your agency with robust, highly secure telephone conferences to TDM, IP and cellular phones, as well as other standards-based voice communication devices. You have the flexibility to use the public switched telephone network (PSTN) and VoIP networks for transport media.
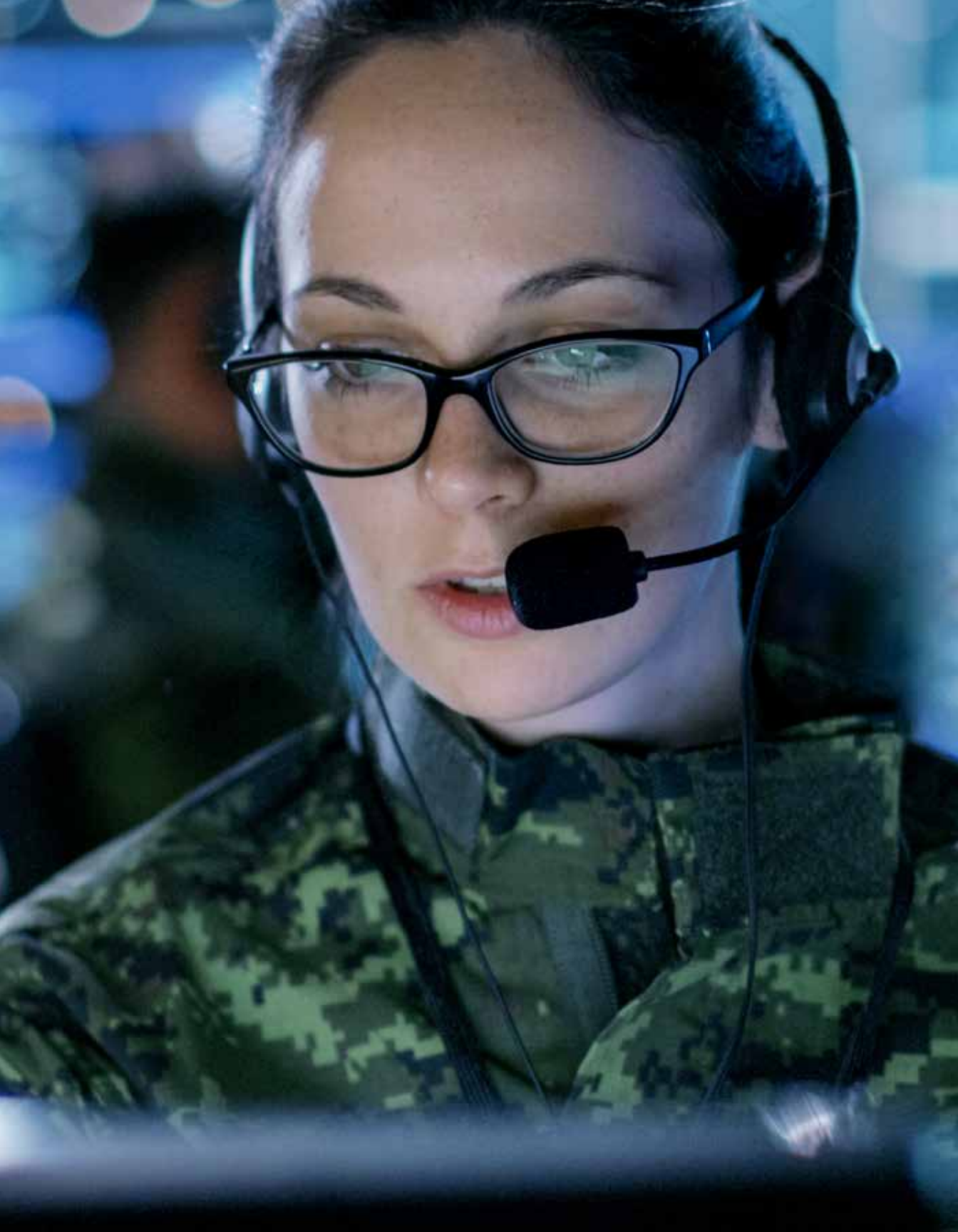
Equipment,
Labor & Other

Equipment, CPE
Choose from a wide variety of Customer Premises
Equipment (CPE) in multiple configurations to meet your
agency's needs.

Professional Services
Our experts and experienced transition specialists will
assess your IT environment and develop the strategies
and customized solutions that best meet your agency's
demands. We take a proactive and comprehensive approach
to security, networking and compliance, across your entire
infrastructure.

Cable and Wiring
Receive cable and wiring services (CWS) to augment the full
scope of EIS services you obtain from AT&T.

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Managed & Application Services

Let us manage and maintain your on-site equipment, whether it's provided by us or furnished by your agency. The broad service portfolio of Managed Network Service (MNS) includes comprehensive network and management design and implementation, enabling agencies to deploy a solution to match mission and maintenance requirements.

Access Arrangements

Obtain scalable and highly reliable AT&T services through our expanding portfolio of access arrangements, which helps you expand and evolve your network as your needs grow.

Contact Center Services

Need Contact Center Services (CCS)? Choose from a hosted or premises-based solution, which can be fully managed, co-managed or outsourced. For more than 50 years, agencies have benefited from our highly secure and flexible contact center systems and functions.

Plan & Accelerate

EIS provides your agency with the opportunity to refresh technology, obtain advanced security solutions or streamline online acquisitions through one comprehensive contracting vehicle. Whether your agency is undergoing a full-scale transition or evaluating technology options, talk to us. We're **#EISready**.

Contact us
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or visit
att.com/gov/eisready