IoT connectivity from AT&T Business – solutions for all sizes

AT&T Business

2X more IoT connections than our nearest U.S. competitor.

One provider for best-in-class networks, platforms, cloud and edge, consulting and professional services

Implementing an Internet of Things (IoT) solution can be a daunting prospect. The landscape is constantly evolving, and no two solutions are alike. If your deployment is complex, you'll need networks, platforms, cloud providers, and edge solutions to work together to unlock its full value. But even the simplest solutions require easy-to-manage tools and reliable networks where you need them. Finding the right provider is everything.

Wherever you are in your IoT journey, AT&T Business can help. We're here to make your solution stress-free. We offer everything you need whether your deployment is simple, complex, or somewhere in between. We'll work with you to find the right solution. If it's not out there, we'll build it together.

What IoT can do for you

IoT is a game-changer for productivity and efficiency across industries by reducing or eliminating the need to monitor equipment, devices, and operations manually.

Grow revenue. When you operate more efficiently you can serve your customers better and do more with the resources you have. Take on more work or add new clients. Expand into new business areas.

Features

- Global reach: 210+ countries, 600+ networks
- Rate plans to fit your needs
- Near-real-time insights and device management
- API integrations
- Automate cloud deployments
- Low-latency edge capabilities
- Expert professional services support

Benefits

- The most reliable wireless network[1]
- Manage devices easily
- Speed cloud deployments
- Save time with alerts and automation
- Control operating costs
- Improve performance with cloud and edge integration

[1] AT&T awarded Most Reliable Network by GWS OneScore 2022. GWS conducts paid drive tests for AT&T and uses the data in its analysis of wireless networks.

Improve the quality and reliability of processes. IoT devices can monitor processes and alert you to anomalies or emergencies. You can prevent defects and downtime or address them faster.

Operate more sustainably and reduce emissions. Keep equipment and vehicles in top condition, stay ahead of repairs, and route them efficiently. It all adds up to significantly reduced emissions.

Improve safety. IoT solutions enable transportation businesses to monitor their drivers' actions and identify areas for improvement. You can monitor or control equipment in remote locations to keep your people out of harm's way.

Access our full IoT ecosystem

We bring all the tools and capabilities you need for any size IoT solution.

Networks. Connecting your IoT solutions shouldn't be a one-size-fits-all proposition. With AT&T Business you have options. We're here to help you choose the network that's right for you, so you can operate efficiently while managing costs.

AT&T has invested more than $135 billion in our wireless and wireline networks, including capital investments and acquisition of wireless spectrum. We continually invest in the coverage and capacity to ensure your IoT solution is there when you need it, whichever network you choose. AT&T is America's most reliable wireless network[2] and offers the best global coverage of any U.S wireless provider[3], so you can be confident you'll get the coverage, reliability, and security you need.

IoT connectivity network options

Network option	Description	Examples
5G	**Cutting edge connectivity:** High, medium, and low band spectrum options to deliver the best performance especially on latency and speed sensitive use cases.	**Autonomous manufacturing and vehicles:** Control devices in real time, detect emergencies and anomalies, monitor security with real-time facial recognition.
4G LTE (Long term evolution)	**Everyday wireless needs:** America's largest and most reliable network provides the core connectivity for many IoT solutions today.	**Healthcare:** Monitor patients and devices like pacemakers and wheelchairs remotely.
LPWA (Low power, wide area)	**Expanded network coverage:** Licensed low-band spectrum for remote operations or applications that require low data use. Extends device's battery life and has lowest operating cost.	**Agriculture:** Monitor farmland moisture levels and receive alerts for dry or wet conditions. Ping assets in remote locations to check status.

[2,3] AT&T awarded Most Reliable Network by GWS OneScore 2022. GWS conducts paid drive tests for AT&T and uses the data in its analysis of wireless networks. Based on comparison of carrier owned and operated networks. No AT&T on-net coverage in select countries, including Canada. www.att.com/international.

Global SIM. To connect devices around the world you need a provider with access to global wireless networks. We make it easy with AT&T Global SIM, the IoT SIM that connects seamlessly around the globe and integrates into our entire ecosystem. Whether you choose eSIM or physical sim, not only does it provide domestic connectivity, it helps keep you connected in over 210 countries and more than 600 networks.

Platforms. The AT&T Control Center is the hub of your IoT solution. It's where you'll manage your rate plan and devices, collect and analyze data, and put insights to work. AT&T Control Center is the #1 IoT Connectivity management platform according to J. Brehm & Associates. It makes it easy for you to get the most from your IoT solution. Whether you need to access your data live, automate management of your IoT operations, or plug into other applications with APIs, you'll have the tools and resources to accelerate your initiatives.

The optional IoT Console is useful if you need to consolidate data from multiple vendors or deployments.

Cloud connectivity. The cloud may be the most efficient place to collect and process data, especially if you're deploying on a large scale or across many locations. AT&T Business provides a fast, easy, and highly secure way to deploy IoT solutions directly to the cloud. Now you can provision devices on a massive scale and go from out-of-the-box to active IoT solution in minutes.

With AT&T Control Center you can:

- Activate and deploy devices
- Automate management and set alerts
- Get near-real-time insights
- Interact with your IoT solutions
- Manage your rate plans
- Analyze the data you collect
- Scale your AT&T Business IoT solution

IoT SAFE SIM serves as the root of trust that keeps your cloud connection secure. It's designed specifically for AT&T Business using the GSMA SAFE standard. Credentials are preloaded to the SIM during manufacturing, so you configure once and deploy to many.

Edge solutions. Low latency real-time data processing is a top priority for IoT solutions with no room for error or lag time. Our edge solutions enable processing to happen close to where it's needed, improving performance and security.

Discovery and plan
Strategy and business planning
IoT and technology roadmap

Secure
Devices and applications
Network and cloud
Operations

Operate and manage
End-to-end operational support
SIM management, training
Billing and reporting
Regular health check, troubleshooting

Design
Strategy requirements
IoT solution architecture
User experience

Develop and integrate
End-to-end IoT platform
Configuration and testing
Support model and process

Deliver and deploy
Configure operational system
Deploy assets, advanced exchange
Implement support program

Professional services. With AT&T Business, there's no need to worry about whether your technology partner is the right fit. With AT&T IoT connectivity, you have access to Consulting and Professional Services that can augment your teams and help you be confident in every deployment. Our solution engineers bring years of expertise to each engagement to fit your solution to your industry and needs.

Devices. The Internet of Things comes in so many shapes and sizes figuring out what to connect can be daunting. In fact, your IoT "device" may not be a device at all. It could be a module or a chipset inside a device. Buy or build, we are here to help.

Our extensive catalog[4] includes:

- 4,000+ certified devices
- 400+ certified modules
- 140+ certified chipsets

Plus, the ability to design and certify IoT devices for custom IoT needs. When it's time to think about what you want to connect, we make it easy for you. We're flexible, ready to provide guidance, and here to support any option you choose.

No project is too large or too small

From devices that simply ping you to say, 'I'm here and I'm working correctly' to complex projects for collecting and analyzing data around the globe, we have a range of solutions to fit any need and budget.

AT&T professional services for IoT

We can help you

- Develop strategic plans and business cases to transform your operations
- Design, develop, and optimize device connectivity
- Outline requirements for implementing and managing your IoT solution

Benefits

- Accelerate innovation
- Manage costs
- Mitigate risks
- Educate stakeholders

Device certification

- Ensures devices perform to your needs and our network's standards
- Maximizes connectivity performance and reduces or eliminates costly after-the-fact redesign
- Choose from over 4000 devices already certified or join our Get Network Ready program.

Why AT&T

Technology is complex. Transformation is fast. Are you making the right choices for your business? What you want is simple advice that you can easily understand and apply. We deliver the right insights, guidance, and solutions for you.

To learn more, contact your AT&T Business representative or visit our Internet of Things solutions website.

[4] https://iotdevices.att.com/certified-devices.aspx

© 2023 AT&T Intellectual Property. AT&T and globe logo are registered trademarks and service marks of AT&T Intellectual Property and/or AT&T affiliated companies. All other marks are the property of their respective owners. | 606104 – 031523