

Safeguard Your Operations with 5G Wireless Failover

Let 5G Wireless Failover boost your business continuity confidence.

5G Wireless Failover:

The Future of Business Continuity Planning

In today's world, business connectivity means business viability. Even a brief network outage can cripple a business.

Downtime directly translates into **lost productivity, frustrated customers**, and, ultimately, **damaged revenue streams**.

But what if there was a way to add an extra layer of connectivity, even in geographical regions with limited options for diversity?

Enter 5G Wireless Failover.

With robust data handling ability and compatibility with SD-WAN technology, this wireless lifeline allows businesses to keep operations up and running even when their wired internet connection goes down. And the best part? It works seamlessly.

This report will help you understand the importance of business continuity planning and the role 5G Wireless Failover is playing for businesses like yours.



What is 5G Wireless Failover?

- 1.** A network backup system where a wireless connection automatically takes over when the wired connection is unavailable, ensuring uninterrupted connectivity.
- 2.** A lifeline for your business's bottom line.

**\$137 to \$427
per minute.**

That's the cost of downtime for small and medium-sized businesses.¹

WHAT'S INSIDE:

- Why Add 5G Wireless Failover?
- The High Cost of Downtime
- How 5G Wireless Failover Works
- Wireless Failover & SD-WAN
- Wired vs. Wireless: How Do they Stack Up?
- Common Questions
- How Conterra Can Help With Your Business Continuity Planning

The High Cost of Downtime for Small and Medium-sized Business

TODAY, NO INTERNET MEANS ...	INTERNET GOES DOWN, THESE GO UP ...
<ul style="list-style-type: none">No emailNo web accessNo POS systemsNo VoIP phonesNo inventory management systemsNo E-commerce platformsNo Teams, No SlackNo Microsoft 365, No Google Docs	<ul style="list-style-type: none">↑ Lost sales & revenue opportunities↑ Employee frustration↑ Missed deadlines↑ Delayed projects↑ Customer complaints↑ Calls to IT support↑ Legal and compliance risk
... and NO CONFIDENCE from your customers and other stakeholders.	
91% of businesses experience downtime events at least quarterly. ⁴	46% B2B & 25% B2C Firms report lost customers due to internet outages. ²
\$400B The cost of downtime for Global 2000 companies. ³	

Make 5G Your Plan B

In an always-connected world, losing your primary internet connection has too many consequences that can hurt your operation. Businesses are turning to seamless backup solutions like 5G Wireless Failover to protect themselves.

Why Add 5G Wireless Failover?

Physical fiber optic lines are great for business, but not invincible. Backhoe operators have accidents. Cars crash into utility poles. Natural disasters sever arial lines. Router equipment may fail from time to time. Cyberattacks or technical malfunctions can disrupt your primary network.

With a 5G wireless route waiting to take over when it's needed, your business has a backup plan, giving you:



High Network
Availability



Always-On
Connectivity



Instantaneous
SIM Switching



Reliable Internet
Access

How 5G Wireless Failover Works

For something so technologically advanced, understanding 5G wireless failover is as simple as 1-2-3.

1. Your primary internet connection fails.

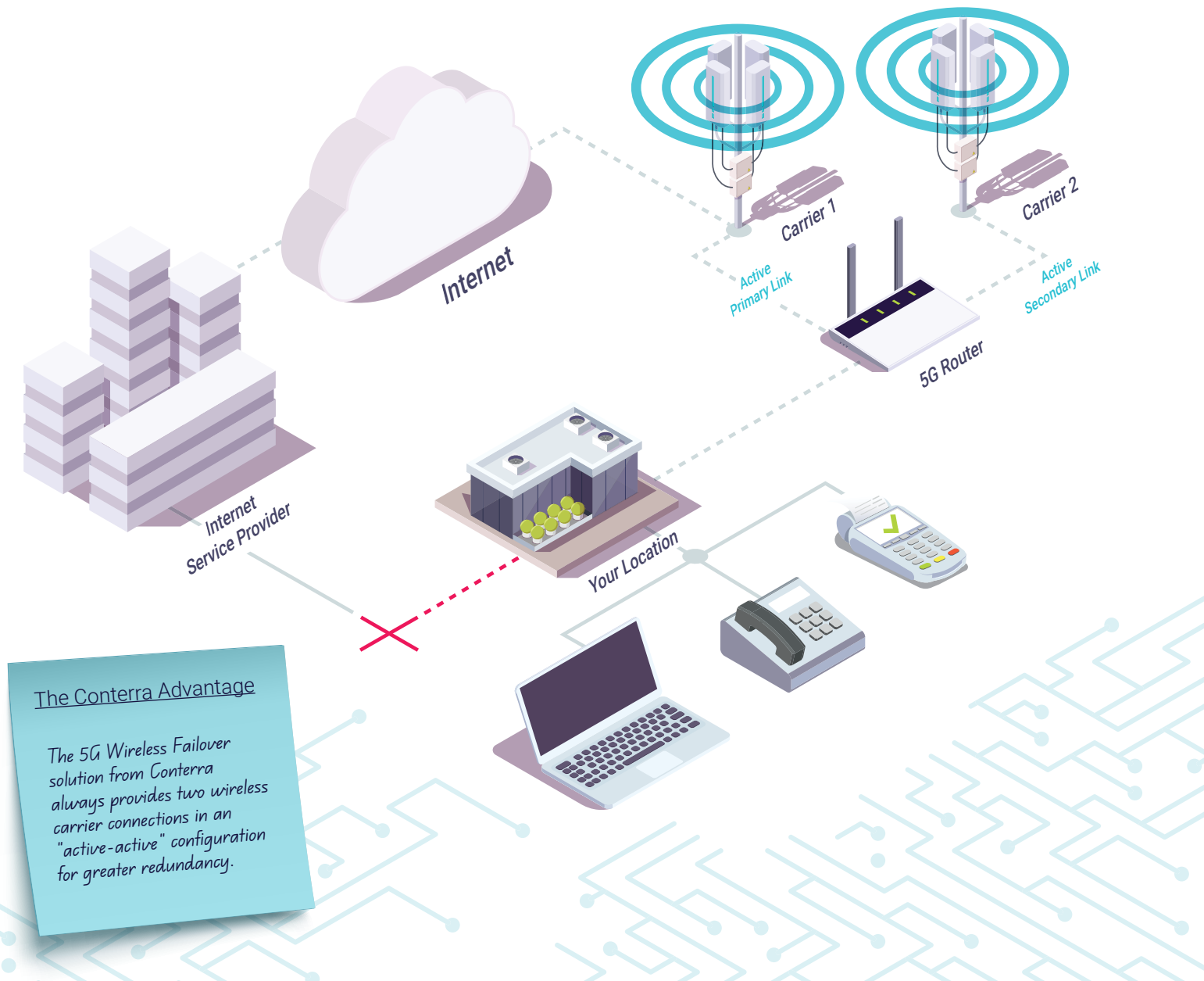
Something caused the connection between you and your internet service provider to fail.

2. Within milliseconds, your connection switches to a 5G wireless network.

A 5G wireless router, also located in your office, automatically activates, taking over the job of relaying signals between your office and the internet through a wireless carrier connection.

3. Business seamlessly continues.

Because it's 5G, there's ample capacity and low latency, ensuring applications continue to run smoothly and securely — especially when combined with an SD-WAN solution.



SD-WAN + 5G Wireless Failover:

Adding effortless connectivity, resilience and performance across your entire network.

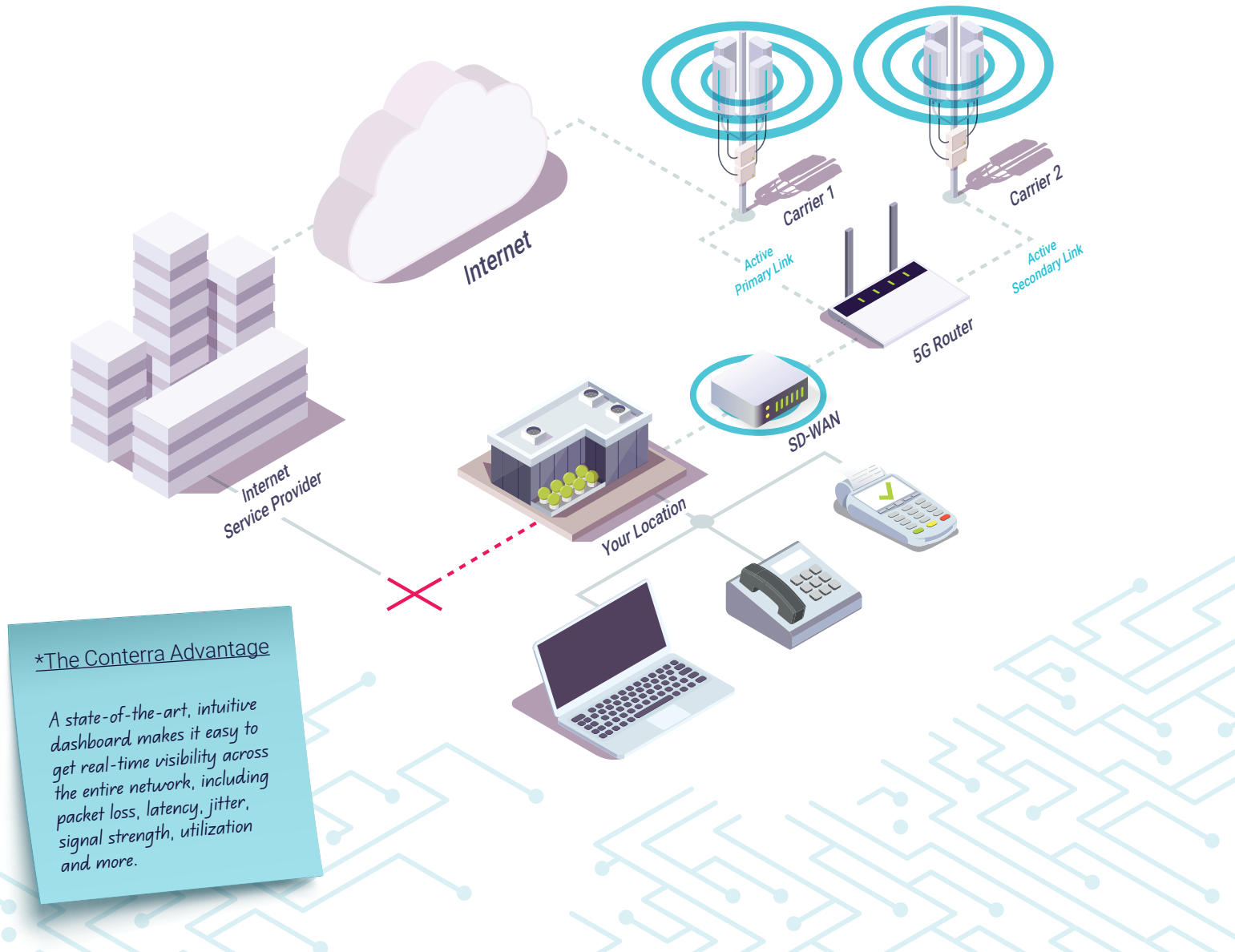
SD-WAN optimizes your entire network by intelligently managing traffic, prioritizing critical applications and dynamically selecting the best path for your data.

When you add 5G Wireless Failover to SD-WAN, you get a robust, high-speed backup that kicks in nearly instantly when your location's primary connection fails. That allows you to maintain the performance benefits of SD-WAN.

The formula for better business resilience, reliability and continuity:

(Conterra SD-WAN*) + (5G Wireless Failover) =

A better way to maintain business continuity across multiple locations.



Wired vs. Wireless: How They Stack Up as a Failover Option

Feature	5G Wireless Failover	Traditional Wired Connection
Deployment Speed	Rapid deployment, flexible setup	Longer installation time, requires physical infrastructure
Coverage	Excellent for remote or temporary locations without fixed wired solutions	Excellent in areas with existing infrastructure
Installation Cost	Lower initial setup cost	Higher initial cost due to cabling and construction
Scalability	Easily scalable with additional devices and locations	Scalable with infrastructure expansion
Reliability	Independent of physical disruptions	Highly reliable with minimal latency
Bandwidth	Very high, increasing with advancements in 5G tech	Typically very high, suitable for data-intensive tasks
Latency	Low latency works well for most office apps	Very low latency, ideal for real-time applications

Top 6 Questions About 5G Wireless Failover

Is 5G Wireless Failover secure?

Answer: Absolutely. 5G networks offer advanced security features, including strong encryption and robust authentication.

How fast is 5G compared to my current service?

Answer: 5G is faster than most cable, DSL or 4G LTE connections and has the capability of delivering speeds similar to fiber. Additionally, 5G offers low latency, making it ideal for real-time applications.

Will it work with my existing network infrastructure?

Answer: 5G Wireless Failover seamlessly integrates with most existing network setups, especially those with an SD-WAN solution.

Can it handle all my business applications?

Answer: 5G delivers high bandwidth and low latency for high-capacity applications such as video conferencing, cloud computing and other data-intensive tasks so you can continue "business as usual" if your primary wired connection fails.

Do I need additional equipment?

Answer: Yes, a 5G router is usually the only equipment you need to add the peace of mind this solution brings. Conterra's installation technicians confirm you get the best signal possible.

Does 5G Wireless Failover fit within my budget?

Answer: Yes. Conterra offers multiple pricing options for businesses of all sizes and budgets.

WHAT OTHER QUESTIONS CAN WE ANSWER FOR YOU?

Conterra's 5G Wireless Failover solution is a cost-effective and secure way to add extra resilience to your network. Take advantage of this option to reduce downtime and ensure network connectivity.

- Flat rate with unlimited data usage
- Ideal for customer-facing retail locations
- Guaranteed signal strength: we will provide an antenna if needed
- Proactive local support and 24/7/365 NOC

NOTES:

1. <https://www.pingdom.com/outages/average-cost-of-downtime-per-industry/>
2. https://www.splunk.com/en_us/form/the-hidden-costs-of-downtime.html
3. <https://www.techradar.com/news/survey-highlights-the-heavy-cost-of-business-downtime-for-smbs>
4. <https://www.continuitycentral.com/index.php/news/technology/8614-91-percent-of-businesses-experience-at-least-one-network-outage-quarterly>

Contact Us

Let's discuss how Conterra can power a better communication strategy to meet today's business needs.

