



# 5 reasons your network needs an upgrade

## Do you have these symptoms of network neglect?

If you're relying on older hardware for innovation, it's time for a change. Here's why:



"Network traffic is expected to triple in the next four years."

— Cisco Visual Networking Index™ Forecast



1

## You're 11.5 times slower than you could be.

Older networks weren't built to support the technology demands of today's workforce. Modern converged wired and wireless technology allows you to innovate everywhere—at record speed.

Cisco® 802.11ac Wave 2 wireless delivers theoretical speeds of up to 6.9 Gbps. That's 11.5 times faster than the previous generation (802.11n). Get your switches ready for 802.11ac with [Cisco Catalyst® Multigigabit technology](#). It delivers speeds beyond 1 Gb on existing Category 5e (Cat5e) cables and provides cost savings when migrating to Wave 2.

## Little-known fact:

Another 11.5—the Cisco Visual Networking Index ([Cisco VNI™](#)) Forecast predicts that there will be 11.5 billion connected devices by the year 2019—1.5 times the expected world population.

2

## Your people want more.

The modern workforce expects a work-from-anywhere environment, but mobile solutions and cloud-based business applications can overwhelm an older infrastructure. Upgrading to [Cisco Intelligent WAN](#) (IWAN) and [802.11ac](#) Wave 2 solutions will give you a powerful foundation so you can get the highest level of performance out of your applications and keep your people productive—wherever work happens.



3

## You suffer from “sometimes, some places” security.

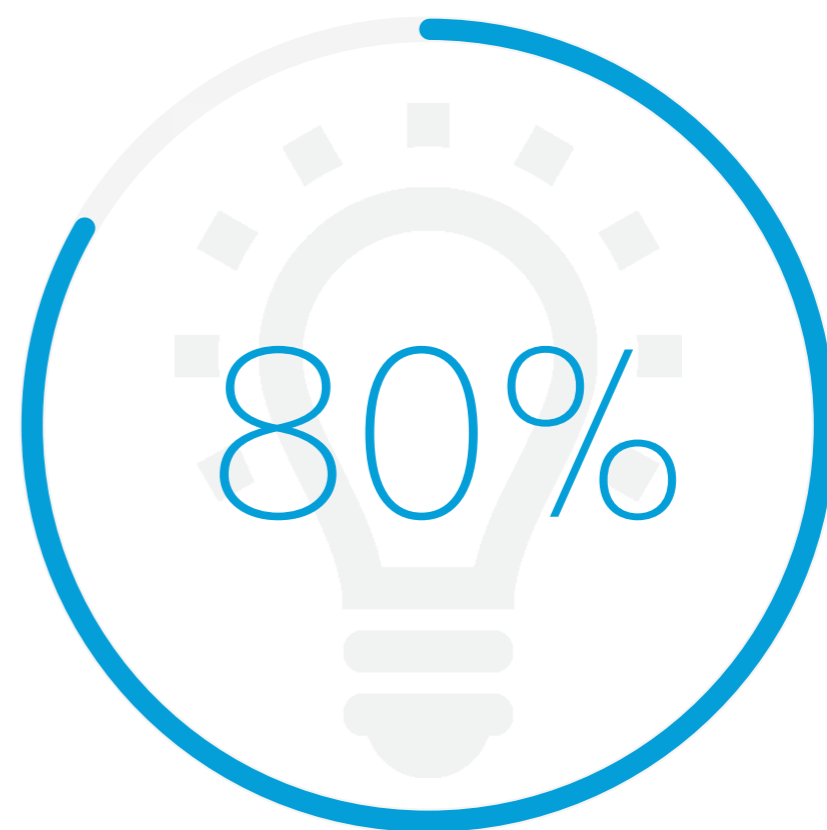
Threats to your network are more sophisticated and targeted than ever before. The older your infrastructure, the more vulnerable you become. With a Cisco network, intelligent [sensors](#) and [enforcers](#) are embedded into your switches, routers, and wireless solutions, giving you enhanced context and visibility. Everywhere.

4

## You're spending most of your time maintaining.

Introduction of new technology puts more and more strain on older infrastructures. You can't grow—much less innovate—when you're forced to spend most of your time and resources on managing and troubleshooting your network.

Migrating to solutions like the Cisco Catalyst SmartOperations toolkit, [Cisco ONE Software](#), and Cisco Application Policy Infrastructure Controller Enterprise Module will greatly improve your network's performance while also dramatically simplifying deployments, operations, and management. That means lower costs and more time to innovate.



"80% of IT resources are spent 'keeping the lights on.'"

— Forrester Research report

5

## You have application anxiety.

From real-time analytics to hybrid cloud computing, your network needs to be able to handle the powerful tools, computing environments, and applications that will give you the edge in the digital market. The [Cisco Catalyst](#) and [Cisco Nexus®](#) lines of [switches](#)—in addition to [Cisco IWAN](#) and [wireless access points](#)—are built to support today's largest applications—and scale to meet the data demands of tomorrow.

