

AUTOMATED PENETRATION TESTING IN OMAHA

Automated penetration testing

When your cyber insurance, a client contract or compliance rules require a penetration test, **we run it, explain it in plain English and give you a plan for fixes.** Nothing runs until you sign off in writing.

- Cambium Data is Navy veteran-owned. Serving Omaha businesses since 2009.
- Owner Tony Underwood has over three decades of experience in IT.

WHAT THE TEST DOES

It works through your network the way an attacker would

The test writes down what it finds, so you do not have to guess which problems actually matter.



Finds what is in scope

It covers internet-facing systems like your firewall and remote access, plus the computers, servers, printers and other devices inside the office.



Looks for weaknesses

It looks for missing updates, weak or reused passwords, and settings left at the factory default.



Safely tries them

It tries those weaknesses within the approved scope, to see what someone could reach.



Shows the attack path

It shows how one small problem leads to another, for example a weak password that leads to an admin account.



Writes it up

The report shows what the test proved, with evidence, and the steps to fix it.



Runs only with sign-off

You sign an authorization that lists what gets tested and when, and nothing runs before that.

External and internal testing

External penetration test

It tests your network from the internet side, the way someone outside your building would see it.

Internal penetration test

It tests from inside the office network, to show what could happen if one computer or account were taken over.



When someone asks for a pen test

Your cyber insurance application asks whether you have had a penetration test. A client contract says you need one every year. Or the compliance rules for your industry call for one. Our automated test and plain-English report give you documentation you can share with them. If you share the exact wording you were given, we will tell you honestly whether our test fits it.

— HOW WE WORK

How a penetration test works

1

Scoping call

We talk through your network, your locations and what you want tested.

2

Written sign-off

You sign an authorization that lists what gets tested, when, and what is left out.

3

Testing

The automated test runs during the window you approved.

4

Plain-English report

We explain what it found, what it proved and why it matters, written for the owner and not just the IT person.

5

Fix plan

We walk through the fixes in order. We can make them under a separate order, or your IT person can.

Good to know

Do we need one?

If you hold client data, take payments or depend on your network to work, it is worth knowing what an attacker could do. The report helps you decide what to fix first.

Is it safe to run?

It is designed to run within an approved scope. Careful testing can occasionally slow a system down, so we make sure your backups are good first and keep an emergency contact reachable during the test.

What does it cost?

It is quoted after a short call, based on the size of your network and what you want tested.

How is it different from a scan?

A scan lists what looks open or out of date. A penetration test goes further and safely tries to use those weaknesses, so you see which ones actually matter.

How often should we test?

A sensible starting point is once a year, plus after big changes like a new firewall, a new server or an office move.

Where does it fit?

Penetration testing is one part of our cybersecurity work, alongside endpoint protection, email security, multi-factor sign-in, patching and tested backups.

Why Cambium



One local team

One Omaha team handles your IT, network, phones, internet, cameras, security and AI.



No contract needed

You do not need a managed IT contract to hire us for a project like a penetration test.



Plain English

Reports are written so the owner can read them and decide what to fix first.



Local since 2009

Serving Omaha businesses since 2009. Owner Tony Underwood has over three decades of experience in IT.

Not sure you need one yet?

Start with a free technology and AI review. We show you what is not protected and where AI employees could help, and you keep the written summary. If you already know you need a test, call us for a quote.

[Get a free technology and AI review](#)cambiumdata.com/network-assessment

You can also call **(402) 514-3200**.