Beyond connectivity: building a safer internet for communities

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About CIRA

Canadian not-for-profit founded in 1998

Mission

As champions of the internet, CIRA **connects, protects and engages** the internet community in Canada and beyond.

Vision

A free and open internet that is **a force for good in the world** and empowers everyone to achieve their economic, social and cultural potential.



.CA



CYBERSECURITY



REGISTRY



NET GOOD

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net good BY cira

- Supports **projects, initiatives and policies** that make Canada's internet **better, safer, stronger**
- Advocate for **digital sovereignty**
- Three focal points: **infrastructure, online safety** and **policy engagement**
- Programs and initiatives
  - Internet Performance Test
  - IXPs
  - Grants
  - Canadian Shield



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1 in 5

Canadians have been the **victim** of a successful **cyberattack or data breach**

(CIRA Canadian Internet Trends Report, 2026)



Includes spam, fraudulent content, websites taking personal information, viruses and malicious software installs, payment scams, etc.



AI has made the attack surface larger, and attacks easier to execute and scale.



Cyber criminals aren't just targeting large corporations; they're going after individuals and organizations of all sizes.

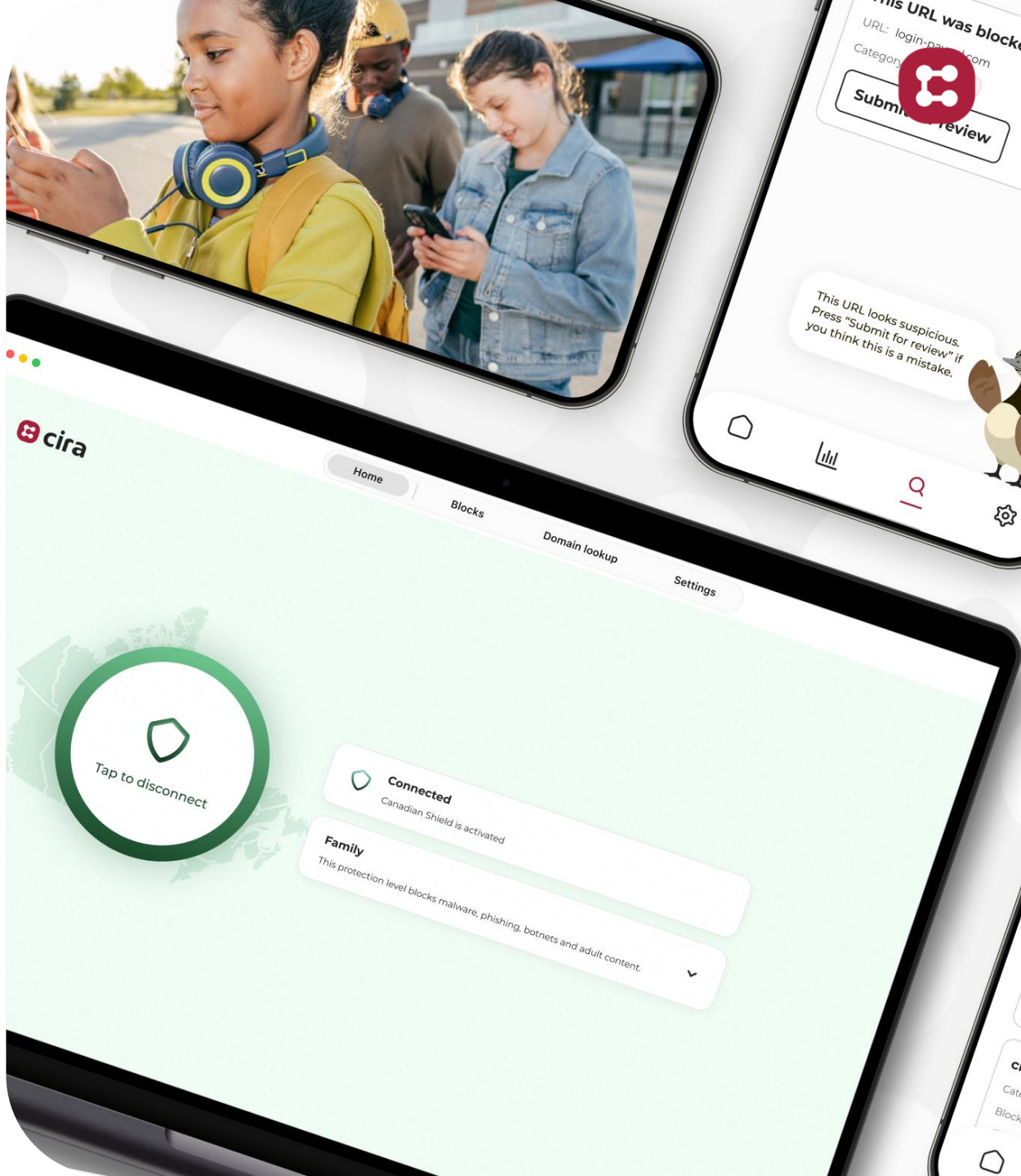
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A free Canadian solution **for everyone**

- Privacy-first DNS protection
- Blocks malware, phishing, scams and botnets
- No ads, no tracking, no user profiling
- Data stays in Canada
- Privacy is never compromised
- 100% Canadian infrastructure
- 5+ years of protecting Canadians online

CIRA.CA/SHIELD



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3.91 B+

threats blocked last year

100%

guaranteed uptime

3.72 million

users protected
by CIRA Canadian Shield

Protection grows stronger with every user

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How **Canadian Shield** works

- DNS requests routed through protected resolvers
- Domains checked against threat intelligence
- Malicious domains blocked before connection
- Applied network-wide across all subscribers, without user action
- Legitimate requests continue normally



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We started using CIRA's Canadian Shield as our default network connection through our CommuniFi project 18 months ago. And frankly, we were staggered by the results. Not only do we know that it works and works well to block bad traffic, but we saw how valuable and necessary it is as a tool. **We recommend it to every ISP network.**

Shelley Robinson
Executive Director
National Capital FreeNet

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Canadian Shield **protecting CommuniFi**

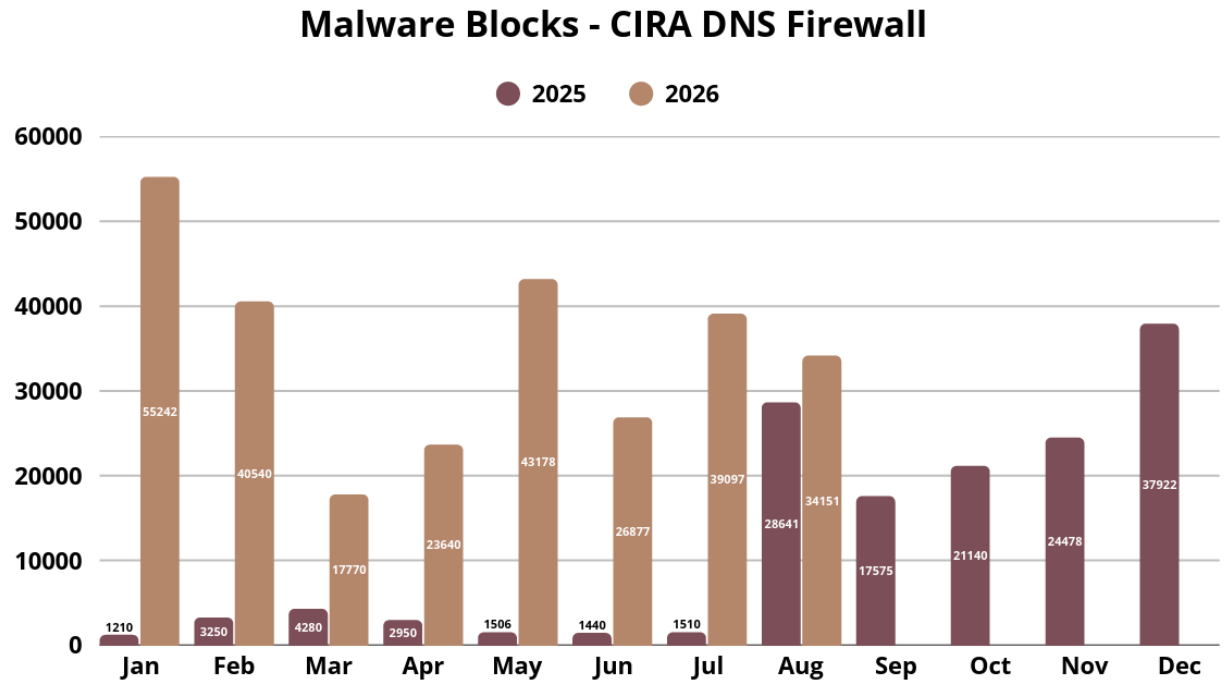
Since the CommuniFi network launched in December 2024, we have connected almost 6,300 unique devices. In that same time, **Canadian Shield blocked more than 450,000 online threats.**

60,826
Total Web Filter blocks for Family Network

23,925
Total Phishing blocks

427,553
Total Malware blocks

409
Total Botnet and Other blocks



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Calling **all ISPs**

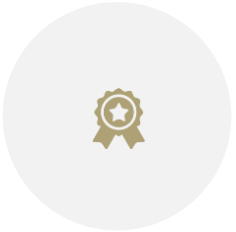
A practical way to help **protect**
the communities you already **connect**



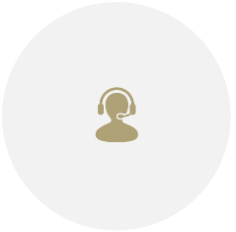
Deliver protection at the network level — no customer setup required



Add value to your service without building a new cybersecurity product



Build customer trust with a privacy-first, not-for-profit Canadian partner



Support rural and remote users who may have fewer cybersecurity options

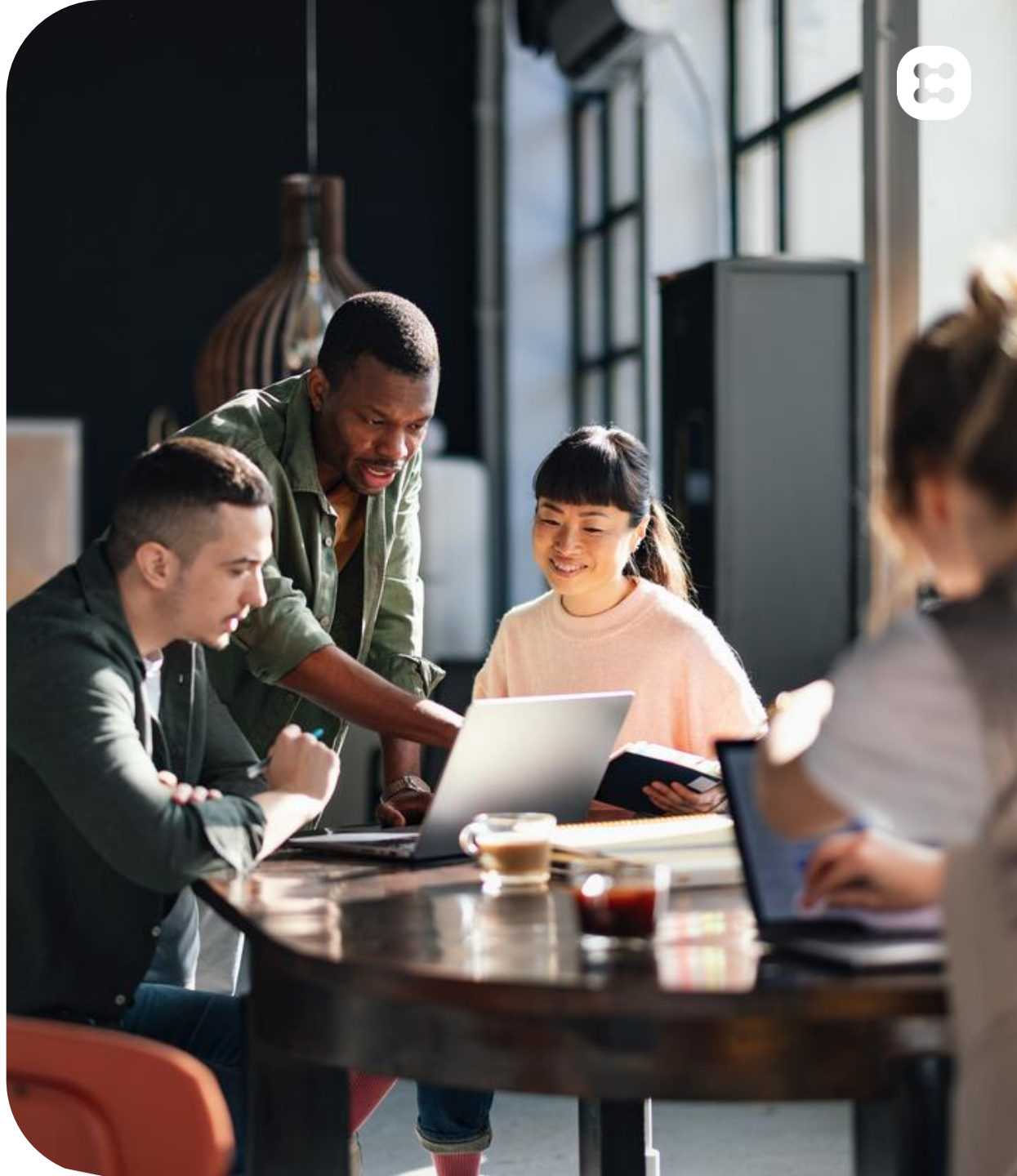
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Protecting the communities we **connect**

- Cybersecurity is an essential part of digital resilience for communities
- Service providers are increasingly looked at to protect subscribers
- Service providers are therefore uniquely positioned to extend protection directly to their customers
- CIRA can help make protection simple, accessible and free



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Thank you.

Parth Shah
parth.shah@cira.ca

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