Miridor

With cybersecurity concerns on the rise, organizations are looking to gain greater insights into their network activity (without eating up precious time or budgets).

Launching in May 2022, **Miridor (meer·id·or)** is an intrusion detection system that gives Cybera's connected members a simple, but detailed, overview of potential indicators of compromise on their network, to improve their overall security posture.

CANADIAN SECURITY FACTS

In a 2021 survey of cybersecurity decision-makers across Canada:

- 36% said they had seen an increase in cyber attacks in the past year, up from 29% in 2020
- 17% of respondents were hit with a ransomware attack in 2020
- 29% said they now have a cybersecurity-specific policy in place
- 47% said they were more worried about their IT security footprint and policies than they were the previous year

Source:
2021 CIRA Cybersecurity Survey

HOW IT WORKS

- Miridor "mirrors" the network traffic of participating members at Cybera's core router locations
- The mirrored traffic is analyzed for known suspicious or malicious activity
- The identified suspicious activity is catalogued in a customized, web-based database that can be reviewed by the member
- No configuration or setup is required

Member traffic is "mirrored" at Cybera's core router locations

Mirrored traffic is analyzed for suspicious activity

No configuration or setup is required

Results can be reviewed by members in a web-based portal
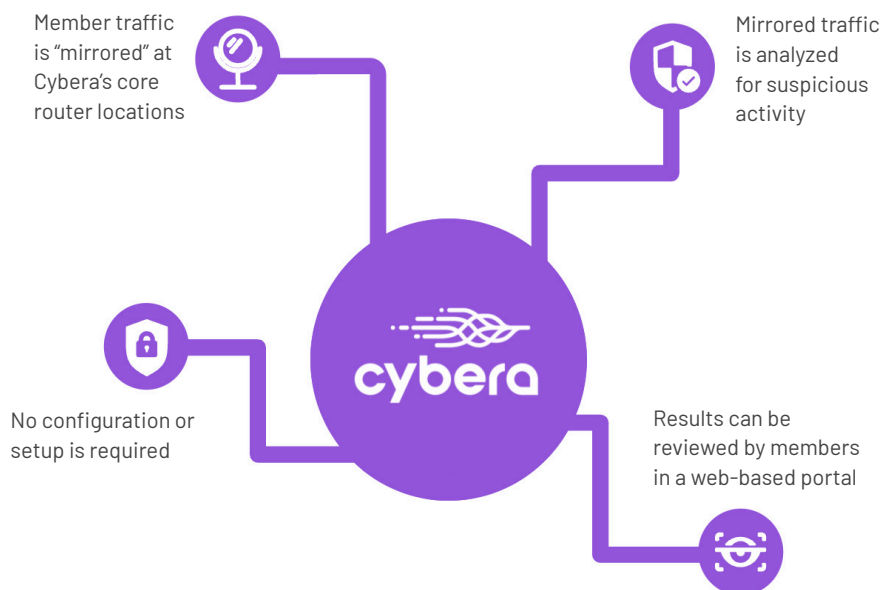
BENEFITS OF MIRIDOR FOR CYBERA MEMBERS

- Gain insight into your traffic without needing to deploy extra equipment
- Receive an easy-to-consume summary of the malicious activity analysis
- Data is freely exportable for further investigations or reporting

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EXAMPLES OF "SUSPICIOUS" ACTIVITY MIRIDOR LOOKS FOR

- Malicious or malformed traffic
- Traffic attempting to exploit vulnerabilities
- Traffic from known botnets and other threat sources

WHO CAN USE MIRIDOR?

- This service is available to Cybera members in Alberta's public sector who are connected to Cybera's network
- It is geared towards smaller institutions (i.e. bandwidth traffic under 1.3 Gbps)
- Post-secondary institutions who are also eligible for the CANARIE-funded Cybersecurity Initiatives Program may still choose to implement Miridor (see **Cybera's website** for how the two services compare)

GET STARTED TODAY

Contact our projects team at **projects@cybera.ca** to find out more about getting started on Miridor. Cybera can provide training and advice on using the tool to interested members.

ABOUT CYBERA

Cybera is Alberta's research and education network facilitator, responsible for driving connections, collaborations and skills growth through the use of digital technology.

Our mission is to connect Alberta's public, research and education communities to the world, enabling and advocating for better services, collaborations and skills growth through the use of digital technology.

Our vision is to ensure a connected, secure and equitable digital future for every Albertan.