CYBERSECURITY LIVES HERE

Digital technologies are increasingly important for innovation and growth, and solid cybersecurity is critical to ensuring competitiveness, economic stability, and long-term prosperity.

The cybersecurity domain is constantly evolving as threats faced by businesses and governments worldwide continue to become more sophisticated. The need for cybersecurity has expanded to include not only the networks and systems that traditionally come to mind, but also cloud-based environments, Internet-of-Things (IoT) devices, and emerging technologies like artificial intelligence and quantum computing. Even specialized technologies such as medical devices, industrial control systems and satellites, to name a few, remain susceptible to breach and compromise.

Ontario's cybersecurity ecosystem, made up of enterprise, academia and government, forms one of the most robust cybersecurity sectors in the entire world—ready to meet the challenges of these ever-changing threats.

ONTARIO'S IT AND CYBERSECURITY SECTORS BY THE NUMBERS

49
tech incubators and accelerators

44
universities and colleges

49
university degree and college diploma/ certificate programs

63,500
STEM graduates annually

700+
courses in cybersecurity

ONTARIO'S EXPERTISE AND LEADERSHIP

Ontario has established cybersecurity hubs in Toronto, Waterloo Region and Ottawa, with clusters emerging in the southwest, east and north of the province. The province specializes in:

- Technology solutions
- Cybersecurity strategy
- Governance and compliance
- Education and training
- Risk assessment

- Monitoring and incident response
- Managed security service providers
- Security operations centres
- Penetration testing

- Artificial intelligence
- Machine learning
- Quantum computing
- Critical infrastructure, financial services and health care protection

Ontario is also home to the world-renowned University of Waterloo's Institute for Quantum Computing and the Cybersecurity and Privacy Institute. Rogers Cybersecure Catalyst, an initiative of Toronto Metropolitan University, is tackling the serious challenges of cybersecurity with a focus on policy, alternative education programs and an accelerator specializing in cybersecurity.

THE TOP 5 REASONS TO CHOOSE ONTARIO

1. TALENT

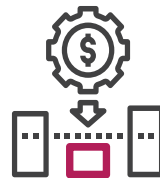71% of working adults possess a post-secondary education

2. INNOVATION ECOSYSTEM

Business, academia and government work together to drive bold ideas to market

3. COMPETITIVE COSTS

Some of the lowest corporate taxes in North America

Save up to 50% on after-tax R&D expenditures

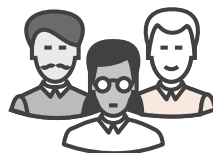Source high quality products and services that are extremely cost-competitive

4. ACCESS TO GLOBAL MARKETS

A short distance to U.S. hubs

Free trade agreements with 51 countries

5. DIVERSITY

People from 150 countries

Over 200 languages spoken

> " In Ontario, we're very fortunate to have the human capital to take on these aspirational goals of building the next generation of world- leading security solutions."
>
> **SCOTT TOTZKE**
> CO-FOUNDER
> **ISARA**

WHO'S HERE

- 1Password
- 2Keys Cyber Security
- Arctic Wolf
- BlackBerry
- CYDERES
- Crypto4A
- CryptoMill CyberSecurity Solutions
- EchoWorx
- eSentire
- evolutionQ

- F8th
- Infosec Global
- ISARA
- Magnet Forensics
- Resolver
- SecDev
- SecureKey
- Security Compass
- Tehama
- xahive

Ontario

All figures are in Canadian dollars unless otherwise noted. This information is accurate at the time of printing.