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 SECTOR BY THE NUMBERS

2nd
largest IT cluster
in North America

49
tech incubators
and accelerators

44
universities and
colleges

49
university degree
and college diploma/
certificate programs

50,000
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:

- Cybersecurity Strategy
- Governance and Education
- Architectural Design
- Risk Assessment
- Monitoring and Incident Response

- Managed Security Service Providers
- Security Operations Centres
- Vulnerability Management and Penetration Testing

- Artificial Intelligence
- Critical Infrastructure Protection
- Advanced Health Analytics
- Machine Learning
- Quantum Computing

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 Ryerson 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
Some of the best and brightest minds choose to call Ontario their home. In fact, 69% of adults possess a post-secondary education. And with our welcoming approach to immigration, including numerous support programs, companies can recruit highly skilled international talent quickly and predictably.
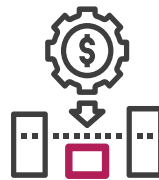
2. INNOVATION AND RECOGNIZED QUALITY
Ontario has one of the most unique and collaborative innovation ecosystems on the planet where business, academia and government work together to drive revolutionary ideas to market.

3. COMPETITIVE COSTS
Ontario has some of the lowest corporate tax rates in North America while small and medium-sized manufacturers can save up to 50% on their after-tax R&D expenditures. Global customers can also source high quality products that are also extremely cost competitive.
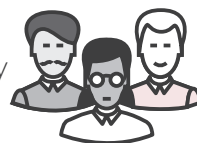
4. ACCESS TO GLOBAL MARKETS
Open for business to the entire world, Ontario has free trade agreements with 50 countries and is only a short distance from major U.S. hubs.

5. DIVERSITY
Ontario has welcomed people from over 150 countries and over 200 languages are spoken here. Ontario also has a highly diversified economy with a wide array of industry sectors.

> " 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 Corporation
- Arctic Wolf
- BlackBerry
- Crypto4A Technologies Inc.
- EchoWorx
- eSentire Inc.
- evolutionQ
- Gemalto Canada Inc.
- Herjavec Group

- Infosec Global Canada
- Micro Focus
- ISARA Corporation
- Magnet Forensics
- Resolver
- SecDev Group
- SecureKey Technologies
- Security Compass
- Tehama Inc.
- WinMagic