

North America's Leading Compound Semiconductor Centre

For over 50 years Ottawa has been home to an innovative semiconductor industry. Today the city boasts research and development centres for the world's largest telecommunications companies and world-renowned government research labs.

Ottawa-based companies represent the entire value chain for networking, photonics and optics — from devices and components, sub-systems and full-system solutions to sales, maintenance and support. As a result, an Ottawa-based semiconductor fab benefits from proximity to inputs (designs) and outputs (contract manufacturers).

Today, 90 percent of Canada's industrial telecommunications R&D takes place in the city. Bolstered by engineering and R&D labs established by Nokia and Ericsson, and the rapid growth of Ciena, the region is spearheading 5G innovation, next-generation networks and communications that will revolutionize the future.

OTTAWA: Your Next Move!

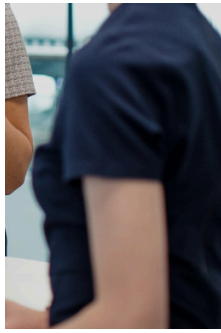
In the heart of Canada lies a powerhouse of innovation — Ottawa.

We have North America's highest concentration of tech talent. Our innovation playground is vast and diverse. Our strengths span software, AI, smart mobility, cybersecurity, digital health and more. Global giants like Nokia and Ericsson share our streets with homegrown heroes Kinaxis, Shopify, Ross Video, Fullscript and Mitel, and startups and scaleups like Assent, Solink and MindBridge.

As the most educated Canadian city, with the nation's largest tech park, 65 research labs, 130 embassies and our unrivalled quality of life, we aren't simply Canada's Capital, we are a global tech capital. And our true magic lies in our diverse, collaborative community.

Join us in Ottawa. We're not just imagining our future — we're building it.





1st

in Canada and 7th in the world for best work-life balance (KISI, 2022)

65%

of Ottawa's population is enrolled in, or has completed, post-secondary education, making it one of the most educated cities in Canada (Statistics Canada, 2021)

20M

consumers within a 400 km radius

2nd

most affordable among major North American cities (Mercer, 2024)

12%

concentration of tech talent — the highest among the top 50 North American cities (CBRE, 2025)

1,800+

knowledge-based businesses in the National Capital Region

95,000+

highly skilled tech professionals in the National Capital Region's public and private sectors

The Canadian Photonic Fabrication Centre (CPFC), operated by the National Research Council Canada (NRC), is a III-V fab producing InP semiconductors for optical applications and GaN for very high frequency and rad-hard environments.

The NRC works closely with collaborators to provide professional development and training to engineering students in multiple aspects of semiconductors. This work is in close collaboration with the University of Ottawa, Carleton University and Algonquin College.

Ottawa is also home to semiconductor designers such as Marvell, NXP, Skyworks, Synopsys, Infineon, TSMC and Xilinx. Because of our abundance of engineers and designers, Ottawa also supports several multi-national contract manufacturers. These include Jabil, Sanmina and Flextronics.

With the highest concentration of tech talent in North America and world-class educational programs, Ottawa has an established base of highly trained people, including those with expertise in semiconductor processes.

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Over the years, Syntronic has opened several offices throughout Europe, as well as offices in other regions such as China, Malaysia and Indonesia. Syntronic has now entered the North American market in Ottawa as it was the perfect place to make our debut. Ottawa is home to a high concentration of hightech, defence, med-tech and industrial companies as well as the sought-after local talent.

– HANS MOLIN
President, Syntronic Canada



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