



Media Kit

March 2021

This media kit contains information about CENGN, media coverage from FY 2020, latest press releases, media assets, CENGN's style guide and, our leadership team's bios and headshots for easy access and promotional use.

If you require anything further, please contact:

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VISION

Advancing global technology innovation for the prosperity of all Canadians.

MISSION

CENGN, Canada's Centre of Excellence in Next Generation Networks, drives technology innovation and industry growth through our test bed, technical expertise, talent development, and partner ecosystem.

→ **HQ Location:** 555 Legget Dr, Kanata, ON K2K 2X3, Tower A, Floor 6

→ **CENGN Date Started:** 2014

→ **Driving Economic Growth Across Canada:** CENGN, Canada's Centre of Excellence in Next Generation Networks, delivers commercialization services to Canadian tech start-ups and scaleups, through its technical expertise and providing access to its commercial grade, multi-vendor, and multi-site testbed infrastructure. CENGN also develops talent through student and industry training to grow Canada's pool of highly qualified professionals. By enabling the success of promising Canadian businesses and professionals, CENGN strengthens the innovation economy and develops job growth in Canada's tech sector.

→ **Government Funding:** CENGN's mission is supported by the Federal Networks of Centres of Excellence's (NCE) Centre of Excellence for Commercialization and Research Program (CECR) and the Ontario Government's Next Generation Network Program (NGNP). Both the NGNP and CENGN CECR Program are designed to promote economic strength and growth in Canada's ICT sector.



Accomplishments

*As per March 2020

100

SME
Projects

1684

People
Trained

201

Internships

21

Members &
Partners

4389

Jobs
Created

\$423M

Contributed to
GDP*

*Per Nordicity Group Limited

MEMBERS AND PARTNERS

MEMBERS



PARTNERS



For more information about our Members and Partners, click [here](#)

CENGN SERVICES



Commercialization Services

CENGN is committed to removing barriers to commercialization, accelerating product introduction to the market, as well as reducing product development time and costs for growing Canadian tech businesses. By working with CENGN's cutting edge infrastructure and expert engineers, our clients are able to undertake high-value market readiness projects that would otherwise be out of reach. The unique physical and virtualized offerings from CENGN enables companies to test, containerize, and validate new and emerging technologies.

For more information click [here](#)



Talent Development

Through the CENGN Academy and our student program, CENGN provides training that bridges skill gaps in cloud computing and networking technologies. By arming experienced professionals, new graduates, and students with the industry's most relevant skills we are advancing the global competitiveness of the Canadian cloud and networking workforce.

For more information about CENGN Academy click [here](#)

For more information about our Student Program click [here](#)



Professional Services

CENGN's professional services offer industry leading containerization and virtualization expertise, testing as a service, as well as a world class production grade platform to any organization on the path to cloud native transformation.

For more information contact: professional.services@cengn.ca

Project Areas:



SDN/NFV/
SD-WAN



Internet
of Things



Data Centre
& Cloud



Security



Mobile
Networks



Network
Transport



Network
Applications



Artificial
Intelligence

CENGN PROGRAMS



Rural and Northern Ontario Residential Broadband Programs

Broadband connectivity is a fundamental driver of economic and social prosperity for rural and remote communities and enables digital transformation for critical industries and services such as agriculture, mining, eHealth, and distance learning. The divide between remote communities and urban centres in Canada continues to widen in terms of connectivity, and it has become evident that having reliable and high-performance internet access is a question of equality of opportunity and a key determinant of prosperity. Through the NGNP, CENGN funds innovative projects across northern and rural Ontario that demonstrate technology solutions that offer flexible, lower cost, higher performance residential broadband access for remote Ontario communities. These live technology projects are designed to test new technologies and validate business case solutions that can work as a blueprint to improve high-speed internet access to residents across remote communities in Ontario.

For more information on the Rural Ontario Residential Broadband Program click [here](#)

For more information on the Northern Ontario Residential Broadband Program click [here](#)

Smart Mining & Smart Agriculture Programs

CENGN continues to support all industries in harnessing the potential of digital technology. By targeting network innovation in specific sectors, CENGN can accelerate commercialization of new technology products and solutions in Canada, driving the growth and sustainability of any industry. During FY 2020, CENGN has made great strides with their Smart Mining and Smart Agriculture Programs, developing Living Labs, where innovative tech products can be tested in real industry environments.

For more information on the Smart Mining Program click [here](#)

For more information on the Smart Agriculture Program click [here](#)

CENGN INFRASTRUCTURE

All CENGN projects and hands on training are carried out through the multisite CENGN Testbed. The testbed is made up of 4 data centres: CENGN HQ (Kanata), Invest Ottawa (Ottawa), MaRS (Toronto), and Communtech (Waterloo), all leveraging ORION network connectivity. It employs interoperability between software, hardware, open source technology, and a multitude of products from CENGN's many vendors.

The unique multi-vendor physical and virtualized lab enables companies to validate and test at scale new and emerging SDN and NFV technologies, cloud platform solutions, end-to-end IoT deployments and services before moving them to production.

For more information on the CENGN Testbed click [here](#)

Our priority is your privacy and security

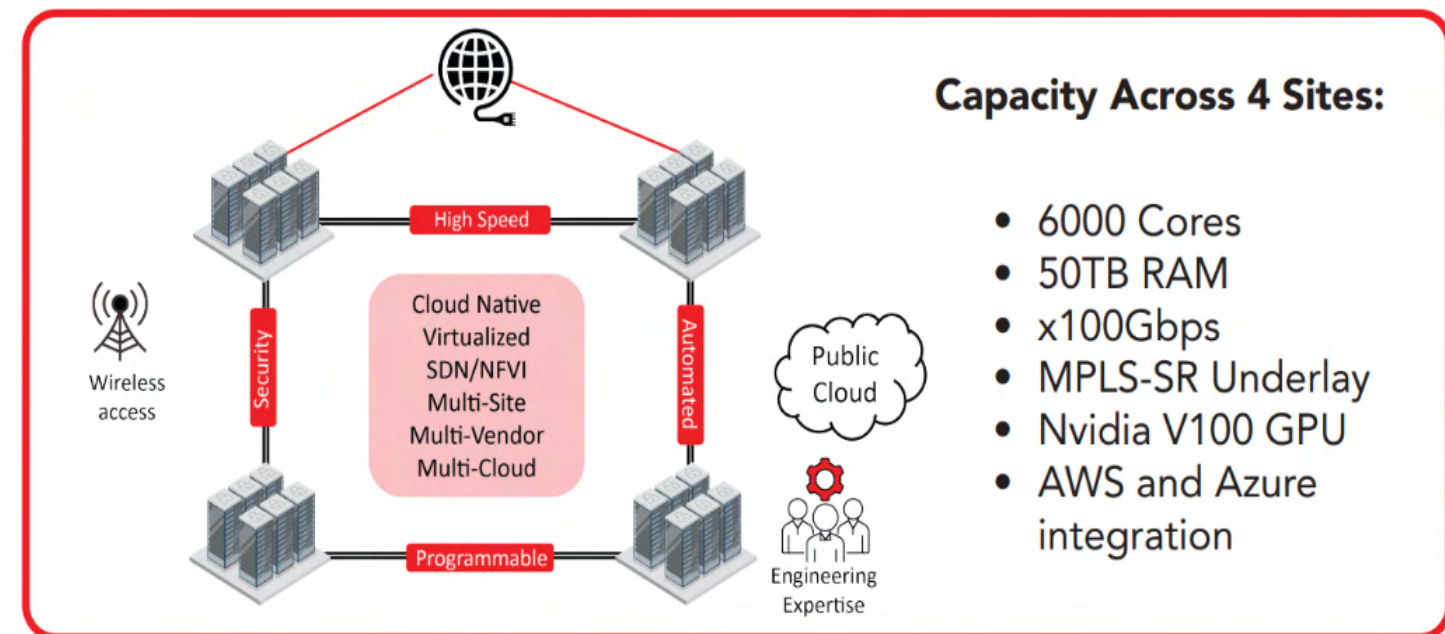
All infrastructure within Canada, no data leaves national borders

Mutual non-disclosure agreement

Intellectual property protection

Secure Infrastructure

Isolated project space, secure from other projects, Members, and partners



Media Coverage

During FY 2020, CENGN appeared in the media 38 times, being featured in articles from a variety of provincial, national, and international sources.

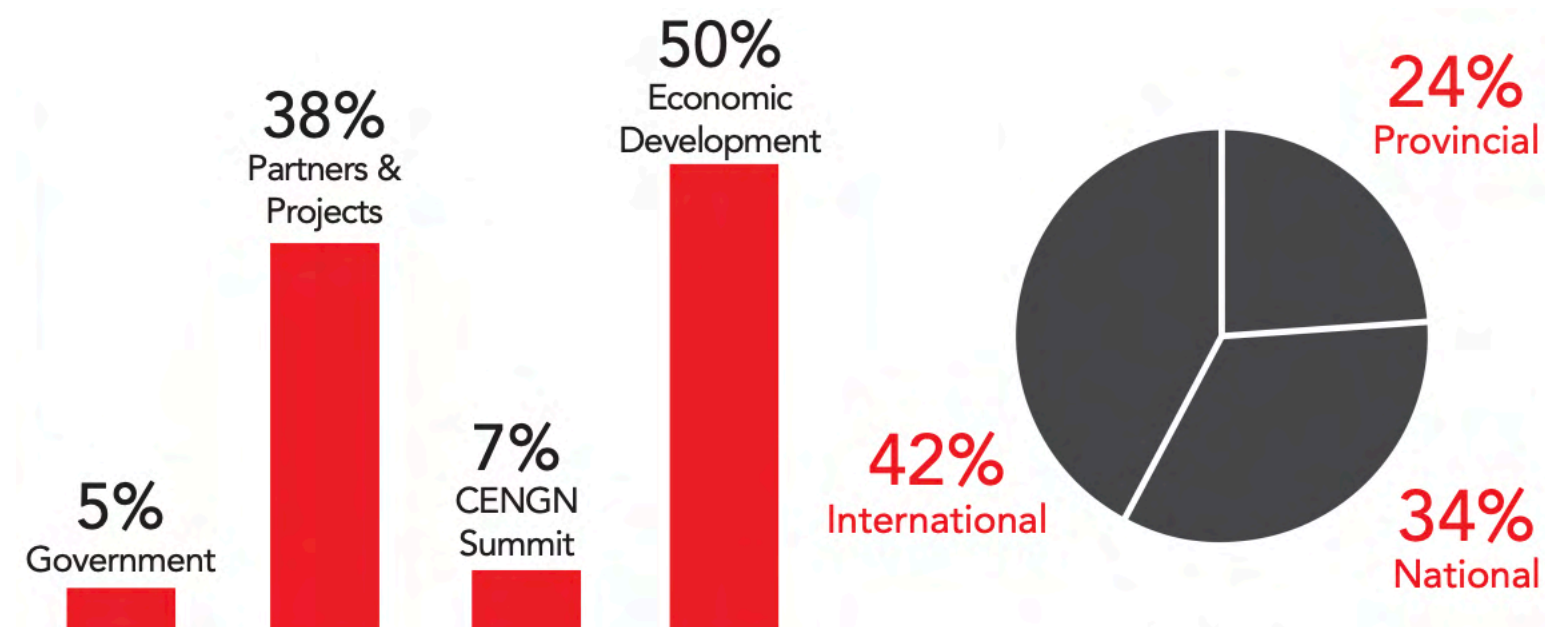
“For the Ottawa-based Centre of Excellence in Next Generation Networks, success is all about connections and networking. That’s true of its technical side – as a platform for its startup and enterprise partners to experiment with the latest in 5G technology – as well as for its upcoming summit, where the organization looks to connect Canada’s key stakeholders in industry, academia and government to advance networking across the country.”

- [Ottawa Business Journal / November 2019](#)

“Nokia will be participating in several ways, we’re looking forward to working with small and medium enterprises all across Ontario that are looking for a testbed to test their innovations before they can go out and commercialize that solution and we’re hoping that the investments Nokia, along with CENGN and NORCAT, have made here will enable this ecosystem of devices to be brought to the market.”

- [Calin Miculescu, Sales Director at Nokia, interviewed by CTV News / March 2020](#)

Media Coverage Breakdown



“It has been an exciting road to get to where we are today, and many individuals and organizations have been walking it together with us. I want to thank all those with whom we’ve built these projects: ORION’s hard-working staff, as well as our community partners, including CENGN, ENCQOR 5G, and Compute Ontario. And finally, thanks to our funders, the Ontario Government, OCE, and CANARIE, without whom we could not have travelled this great distance.”

- [David Smith, CTO, ORION Networks / April 2020](#)

Check more publications [here](#)

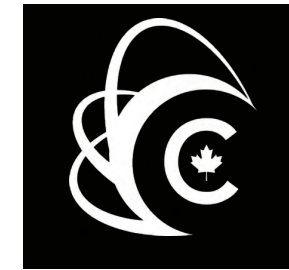
Check our latest press releases [here](#)

Media Assets

Logo: Our logo is the core visual representation of our brand. CENGN's logo stands for Centre of Excellence in Next Generation Networks. The abstract design of the **C** represents our focus on innovation, future forward and technological background. The maple leaf in the center of the C represents Canada.



[Download CENGN Logo – "C" Only Black](#)



[Download CENGN Logo: "C" Only White](#)



[Download CENGN Logo: Black](#)



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Download CENGN's Brand Style Guide here: [Download PDF](#)

Leadership Team

CENGN has a highly dedicated and motivated team of leaders who are passionate about Canada's technology development and driven by common goals and shared values



Download headshot [here](#)

JEAN-CHARLES FAHMY

President and Chief Executive Officer (CEO)

As President and CEO of CENGN, Jean-Charles (JC) Fahmy provides leadership and strategic direction to the company, and drives the delivery of CENGN's mission by working with the ICT ecosystem on enabling the commercialization, growth, and global competitiveness of Canada's innovation economy. JC has over 25 years of global leadership experience in tech, creating value and accelerating business performance with large public companies as well as both Private Equity and Venture Capital backed businesses. JC holds an MBA from McGill University, and a BAsC in Electrical Engineering from the University of Ottawa.

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CHRIS BACHALO

Vice President, Product Management



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Chris joined the CENGN team in 2019, however he has an extensive history of CENGN support as one of its original founding Members. Jointly with other CENGN founders, Chris presented to the Centres of Excellence for Commercialization and Research (CECR) funding review board lending support in obtaining our very first round of funding from the federal government.

Chris then served as board member, executive committee member, and key contributor to CENGN which helped shape its strategic direction. In his new role as VP Product Management, he applies his knowledge and experience to drive the definition of CENGN's technology and services roadmap.

BORIS MIMEUR

Vice President, engineering Operations



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Boris has over 17 years of experience in the areas of high-end networking and Data Centres having worked with an extensive list of companies such as; Cable & Wireless Communications, COLT, DANTE (operating the GÉANT network), IXIA Europe Limited, and Cisco Systems. Boris has held the technical lead position on several critical projects throughout his career, including the creation of the GÉANT2 network in Europe, supporting the LHC project run at the CERN, as well as the design, testing and implementation of two of the largest Data Centers in Europe for COLT. With his keen passion in industry development, robust technical background, and extreme customer-oriented focus, Boris brings unparalleled potential and flexibility to the CENGN team.

RICHARD WATERHOUSE

Vice-President, Business Development and Marketing



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Richard Waterhouse is the VP of Business Development and Marketing at CENGN. Richard possesses 20 years of expertise in creating and managing multi-million-dollar sales funnels and building longstanding relationships with the C-Suite of industry-leading technology companies. With a robust technical background, expertise in achieving record-setting growth in both product and service sales, as well as diverse business operations, he brings the flexibility necessary to excel in complex markets. Richard holds a BEng. from Loughborough University in England.

Leadership Team

NATHALIE GUTHRIE

Director, Human Resources



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Nathalie Guthrie is CENGN's Director of Human Resources. Nathalie began her career in the public sector blending her background of Risk Management and HR into 13 years of roles in public service, private and international corporate services, hospitality and technology sectors.

She successfully endeavored the creation of a private security academy which fueled her passion for people development. A multi graduate of Algonquin College, Nathalie is a champion of people and culture recognized for her tenacity and keen ability of unlocking the full potential of those in her environment.

ROBIN RAMRUP

Director, Finance



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As a member of the Executive Leadership Team, Robin has used his skills in finance and management to put CENGN on the right path for continued government funding and the growth of the Private Revenue business.

Robin holds an MBA from Laurentian University and the Fellow Chartered Certified Accountant (FCCA) designation from England.

He is also a graduate of the Executive Leadership Program – CFO Leadership Beyond Finance – offered by Queens University in collaboration with Financial Executives International (FEI) Canada.

Shawn Kahandaliyanage

Director, Customer Solutions Engineering



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Following 10 years of work in Startup organizations, Shawn joined CENGN in September 2018. He viewed CENGN as an opportunity to affect a wider impact on the Startup community and help spur Canada's innovation economy. "CENGN is an 'unfair competitive advantage' that helps Canadian start-ups succeed on the world stage".

Shawn commends his team for constantly pushing themselves to develop their knowledge and expertise, with the goal of helping their customers improve their products and businesses.



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