



CENG Performance Testing Services

FROM INNOVATION TO COMMERCIALIZATION

Supporting Tech Startups and Scale-ups Across Canada

CENG services allow Canadian startups and scaleups to reduce commercial growth cost and risk by carrying out validation projects in a subsidized, secure, and sovereign multi-tenant infrastructure.

Each project includes structured and documented outcomes, accelerating market readiness and improving product quality. CENG's Performance Testing Services are accessible from anywhere in Canada, powered by the CENG Datacentre, and serve to enable our country's most innovative startups and scaleups to bring their solutions to global markets.

VALIDATE YOUR SOLUTION:

Performance Validation:

Leverage a flexible testing environment for validating application performance across a range of conditions, including load, stress, scalability, latency, throughput, and resource utilization scenarios. Companies bring their own test objectives and configure test parameters accordingly.



Load Testing, Stress Testing, Scalability Testing, Latency & Throughput Analysis, Resource Utilization Measurement

Endurance Testing:

Long-duration testing to validate application stability and performance over sustained operating periods. Endurance testing is fully self-directed.



Long-Duration Testing, Stability Validation, Sustained Workload Assessment, Self-directed Execution

YOUR PRODUCT, YOUR PROJECT

Design, run, and test your project while receiving practical CENG expertise and technical support throughout. CENG provides your team with:

- Project and infrastructure onboarding
- Project requirement review
- Configuration of your private testing environment
- Support resolving any infrastructure issues

PROJECT FUNDING

- **Free** access to CENG Datacentre infrastructure
- **Free** access to CENG engineering and project management expertise
- **40%** reimbursement on your team's labour costs
- **Up to \$250K** in in project support funding



TIMELINE

Projects last **4.5** months, including

8

weeks testing your project directly on the CENG Datacentre.

INFRASTRUCTURE ACCESS

Each project is provisioned with its own secure, isolated project slice within the CENGN Datacentre, with remote access from anywhere in Canada.

Choose from virtual machines, bare-metal compute, and bare-metal GPU, depending on your custom testing needs.

Attribute	Details
Access	Fully remote — available to Start-ups and Scale-ups anywhere in Canada
Data residency	All data remains within Ottawa, Ontario, Canada
Hardware	Bare-metal servers (including GPU-equipped nodes), standard virtual machines
Processing	Intel Xeon CPUs, Nvidia GPUs
Security	Zero trust access model; each SME receives a secure, isolated project slice
Storage	SSD and HDD

IS YOUR COMPANY A GOOD FIT?

Accepted companies will be product-oriented, developing commercial software, platforms, or networked solutions, and actively preparing for customer trials, commercial launch, or procurement qualification.

The Performance Testing Service is designed for Canadian startups that are technically capable, infrastructure-ready, and seeking fast, repeatable performance validation.

Eligible participants are expected to self-sufficiently carry out their projects, operating largely independently once onboarded.



DOES YOUR COMPANY QUALIFY FOR A CENGN PROJECT?

- ✓ Must be registered in Canada and have fewer than 499 employees.
- ✓ At least 90% of the Eligible Supported Costs must be performed in Canada.

[CLICK HERE TO SUBMIT AN EXPRESSION OF INTEREST](#)

ABOUT CENGN

CENGN, Canada's Centre of Excellence in Next Generation Networks, provides infrastructure access, expertise, and co-funding support to assist innovative Canadian startups and scaleups in driving technology development and adoption nationwide.

Supported by an ecosystem of 5G technology leaders, innovation hubs, and testing facilities, CENGN has launched a suite of technology validation services, available across nine living labs. This infrastructure enables hardware and software solution testing in physical and datacentre environments representing key Canadian economic sectors, like agriculture, transportation, infrastructure, manufacturing, defence, and more.

The CENGN Living Lab Initiative is supported by a \$45 million investment from the Federal Government's Strategic Response Fund, as well as its three main technology partners



ERICSSON

NOKIA

ROGERS

For more information on CENGN Living Labs, click [here](#).