



DAIR Cloud Program



The DAIR Cloud provides entrepreneurs with free, high-performance cloud resources for product development, testing and demonstration.

Included with the DAIR Cloud are BoosterPacks: curated packages of tools and resources about a specific emerging technology, built by another startup who's already figured out how it works and is willing to share their expertise. Think of them as a speed boost to get Canadian startups to market faster.

More than 1,300 Canadian small and medium-sized enterprises (SMEs) have used DAIR to develop, test, and demonstrate a range of products, including offerings in mobile apps, fin-tech, e-commerce, environmental technology/sustainable energy, IoT, home automation, gaming, advanced medical technology, and cybersecurity.

DAIR lets you:

- ✓ Leverage the expertise of experienced Canadian entrepreneurs to learn about new, emerging technologies through BoosterPacks
- ✓ Rev up new product introduction and get to market faster
- ✓ Reduce your product development time and costs
- ✓ Build prototypes to showcase to potential customers and investors - anytime, from anywhere
- ✓ Have the freedom and flexibility to design and evaluate your products and services with various technical architectures, operating systems, and scalability options
- ✓ Keep your data in Canada
- ✓ Avoid locking in with a specific cloud provider. DAIR promotes cloud independence: you can choose the cloud best suited to your needs and easily migrate on your own terms.

What are BoosterPacks?



Flight Plan

Concise documentation of implementation and architecture options, key learnings, and resources



Launch Codes

A sample solution that demonstrates the technology + software code to launch the sample solution



DAIR Cloud Platform

All cloud resources required to develop a product/service using the BoosterPack's technology

You can browse the current catalogue at boosterpacks.cloud.canarie.ca.



1,300+ SMEs have used DAIR
APPLY TODAY
canarie.ca/cloud

What does the DAIR Cloud Program provide?

Eligible users have access to the following free resources for one year:

- ✓ **Unlimited access to “BoosterPacks”** to speed up learning about emerging technologies, including IoT, data analytics, and machine learning
- ✓ **DAIR Cloud Platform:** A hybrid cloud environment including access to:
 - Public cloud in Canadian datacenters (AWS, Azure) for general compute workloads,
 - Access to cloud usage and cost reports for your tenant account
- ✓ **Cloud resource quotas:**
 - Each DAIR tenant is granted generous monthly credits to spend on hosted-in-Canada cloud resources or services (including data egress and storage charges)
- ✓ **Invitations to an exclusive technical webinar series** on cloud services, architecture design approaches and related topics
- ✓ **Support provided** via a private Slack channel where you can get assistance from the DAIR Admin as well as communicate with other DAIR community users

You may also qualify for additional resources based on the technologies that you expect to build on DAIR:

- ✓ **Graphical Processor Units (GPUs) in CANARIE's OpenStack private cloud:** One NVIDIA Tesla P100 (Cuda v10.x) per applicant (subject to availability).
 - Among many possibilities, users may make use of the TensorRT GPU-Accelerated Neural Network Inference Library for building deep learning applications that integrate with many frameworks, including TensorFlow.

Who's eligible to apply?

If you are a Canadian company with fewer than 500 employees, you are eligible to use DAIR for development, testing, or demonstration of new products. You can also use DAIR to develop new features for existing products and services.

What's the catch?

There is no catch.

CANARIE is funded by Innovation, Science and Economic Development Canada (ISED) to spur Canadian innovation and accelerate research and discovery. Resources provided through the DAIR Cloud Program are aimed at providing Canadian start-ups and SMEs a boost toward commercialization. Use DAIR's resources to learn, build, test, and experiment and ask us for help when you need it.

How do I start?

Applying to access the DAIR Cloud and BoosterPacks is a simple process: If you're a Canadian entrepreneur or SME, simply complete a brief application to describe how you'll use the resources and commit to providing feedback about your use of DAIR and its impact on your business.



Accessing DAIR is simple.

A P P L Y T O D A Y

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