

SKILLED TRADES ONTARIO · AUGUST 2026

Project Red Seal Ready.

The instrument that proves a candidate is ready — and the network that makes the certificate travel.

Powered by ReadyEngine™ · A We Know Training Inc. company



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You answer for the certificate. We built two instruments for it.

Skilled Trades Ontario sets the apprenticeship standards, administers the certifying exams, and issues the Certificate of Qualification. Everything in this room was built for that mandate — by a Canadian training company.

Readiness, measured

ReadyEngine™ turns training into a live, exam-calibrated readiness signal — visible before the exam, not discovered at the fail.

Proof that travels

Oliu™ is a pan-Canadian trust network for verifiable digital credentials: instant to verify, tamper-evident, portable across provinces.

One worker journey

Together they span the full arc: train, prove ready, certify, and carry trusted proof anywhere in Canada.

Canada is filling the pipeline. No one is fixing the last mile.

THE NATIONAL FUNNEL · 2024

101,541

new apprenticeship registrations, a
record high



the gap is the national problem · the exam gap is the part we solve

46,971

certificates issued



Source: StatsCan RAIS, 2024 release.

19.9%

complete within the program's expected duration,
still below pre-pandemic levels.

30.9%

of the 2019 registration cohort had
discontinued by 2024.

Source: StatsCan RAIS, 2024 release – 2019 registration cohort tracked to 2024.

And at the finish line, **roughly half of candidates fail the Red Seal exam on the first attempt.**

Roughly half fail on the first attempt – most estimates; no single national first-attempt dataset is published.

We close the exam gap. The dropout gap is a different problem: one this platform can help address indirectly, through earlier and more honest readiness signals, but does not claim to solve directly.

Why now.

\$6B

TEAM CANADA STRONG · APR 2026

80,000–100,000 new Red Seal workers by 2030–31; \$331M to expedite certification; \$3.4B in completion supports.

Legislation

ONE CANADIAN ECONOMY ACT

In force January 1, 2026. Portable proof of readiness is what mobility law now assumes.

\$7.5B+

ACTIVE SKILLS FUNDING

Committed across federal and provincial programs.

245,000 tradespeople retiring by 2034; **380,500** needed (BuildForce Canada). And young Canadians can't find work: youth unemployment hit **14.6%** in Sep 2025 and sits near **12.7%** today (Statistics Canada, Labour Force Survey). The trades are the bridge, and the free self-assessment is the on-ramp.

What ReadyEngine™ is.

One engine turns a regulated exam blueprint into a single, continuously updated prediction: **readiness to pass**. Six surfaces the learner actually touches, one engine underneath.

01

Daily study plan

A fresh plan every day, built from stage, mastery and time-to-exam. The reason for each recommendation is shown.

02

Adaptive quiz engine

Questions chosen for what moves the learner forward, not served in a fixed order.

03

ReadyRating™ · 1 to 5

A single, exam-calibrated readiness score, recalculated after every graded interaction.

04

Learner analytics

Concept-by-concept strengths, weaknesses and effort, unlocked as the evidence builds.

05

24/7 AI tutor

Always-on support, grounded in the exam content and aware of the learner's progress.

06

Smart flashcards

Spaced-repetition review that keeps knowledge alive across a multi-week prep arc.

We didn't theorize this. We ran it.

81% → 96%

PASS RATE WITHIN TWO ATTEMPTS

In a live, regulator-accredited real estate program (relo.ca). Corroborated by early CIRO securities results, and modelled forward to LLQP insurance.

~80%

of exam failures eliminated (19 → 4 per cohort).

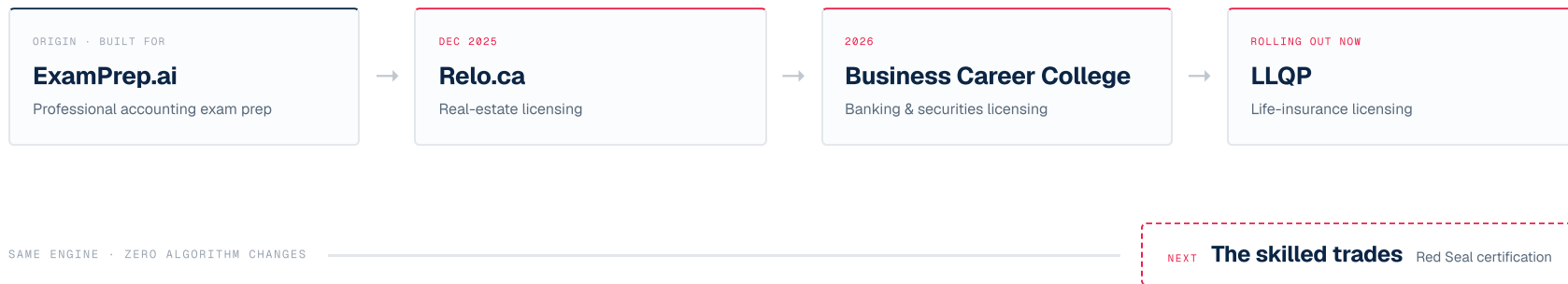
48% faster

to certify: 94 days down to 49 days.

The trades result does not exist yet. This is our target, grounded in results proven in other regulated domains. It is not a proven trades outcome, and is labelled honestly as such everywhere it appears.

The engine has already crossed four regulated domains, and held.

Built for one regulated licensing exam, then carried **unchanged** into three more. Each new credential comes online by mapping its blueprint into the knowledge structure, not by rebuilding the platform.



Four regulated domains, one engine. The trades are the next mapping, not the next rebuild. The trades pass outcome itself remains a **target we intend to prove**, not a result we are claiming.

In market now.

The screenshot shows the relo.ca website. The header includes the relo logo (by WKT), navigation links (Courses, How It Works, Pricing, About, Contact), and buttons for Free Preview and Login. The main heading reads "Your adaptive learning real estate journey with Relo". Below this is a "KNOWLEDGE INSIGHTS" section titled "Smart from the start" with three paragraphs describing the platform's foundation on the RECA competency framework, its direct mapping of lessons to exam topics, and its use of artificial intelligence to prioritize content. To the right, a preview of the "relodashboard" is shown, featuring sections for "Today's Study Plan", "You're off to a great start!", and "Concept Mastery". A green chat bubble icon is visible in the bottom right corner of the dashboard preview.

relo.ca · the public storefront and the ReadyEngine™ study plan behind it, live today.

● LIVE TODAY

This isn't a concept deck. **The engine is running, today**, for paying learners in regulated markets.

relo.ca

REAL ESTATE · THE PROOF COHORT

Business Career College

PROFESSIONS

CIRO securities prep

SECURITIES

Five levers. One goal.

THE GOAL THE STACK BUILDS TOWARD **100,000** skilled workers by 2030–31

LAYER 5 WIDEN THE INTAKE

A free national self-assessment, counsellor referrals, and a consumer brand pull people into the trades who never considered them.

new entrants

DIRECTIONAL · PROVEN IN YEAR ONE

LAYER 4 MULTIPLY THROUGH EMPLOYERS

Up-ticketing and cross-ticketing: every credentialed worker who adds a ticket is new certified capacity with no new entrant. No public dataset tracks this today; the platform creates the measurement.

new capacity

DIRECTIONAL · MEASURED IN YEAR ONE

LAYER 3 UNLOCK THE WORKERS WHO ALREADY EXIST

If 5% of a conservatively estimated 200K uncredentialed pool challenged the exam with an honest readiness signal, at an 80% pass rate.

~8,000

ILLUSTRATIVE · SCENARIO

LAYER 2 KEEP MORE PEOPLE IN

30.9% of apprentices discontinue (StatsCan RAIS 2024). On ~100K annual registrations, a 5-point cut in discontinuation keeps ~5,000 more in the pipeline each year. Improvement rate to be proven in pilot.

~5,000/yr

ILLUSTRATIVE · INPUTS CITED

LAYER 1 FIX THE EXIT

Closing the exam gap: up to ~14,000 additional certified workers a year at an 80% pass rate versus the ~54% national average, derived from ~55,000 annual Red Seal exams. A target, not yet a trades result.

~14,000/yr

QUANTIFIED CEILING

The exam gap is the layer we can already price. The next four stack on top of it, each one measurable within the first year of deployment. **14,000 is the floor of the ambition, not the ceiling.**

One worker. Six moments of value.

- 1 **Discover.** A free self-assessment, one click from an ad. The funnel widens before a program spends a dollar.
- 2 **Assess.** Sees exactly what is known and what is missing, and becomes a qualified lead for a partner institution.
- 3 **Predict.** An honest forecast of time-to-ready. Institutions and funders plan cohorts around real capacity.
- 4 **Ready.** Trains on exactly what is missing. Preparation stops being seat time.
- 5 **Certify.** Passes sooner. One more certified tradesperson in Canada's count.
- 6 **Stay current.** The platform keeps confirming competency through the whole career.

The same engine runs this loop for the employer, the institution, and the country.

A free front door for every Canadian.

A free, national self-assessment tool. "Am I good enough?" One click from an ad, a job posting, or a counsellor's referral. Positioned as **public infrastructure**, not a private funnel.

Every program can run it

Every provincial and federal workforce-readiness, retraining, and entry-to-work program can run the same instrument with its own clients.

It recruits, not just qualifies

Thousands self-discover the trades as a viable career before a single seat is funded.

From K-12 up

High-school counsellors use the tool to stream students toward trades pathways they might not otherwise consider.

The same instrument that fixes the exit **widens the intake**.

The workers we can already see.

Hundreds of thousands of Canadians already do skilled work without the credential that proves it.

The challenge pathway exists

The Trades Qualifier and challenge route already exist in law. What is missing is an honest instrument telling a worker, before they risk the exam fee and a day off work, whether they are actually ready.

Benchmarking from abroad

Workers still abroad assess against the Canadian standard before they arrive.

Veterans, and any skilled cohort

Members converting service into civilian trades, and any identifiable skilled cohort.

This is where the numbers move fastest. Before the long apprenticeship cycle can pay off, and before we need years of trades-specific data to calibrate against.



Same worker. Two uniforms.

The pathway already exists, and it ends at our gate.

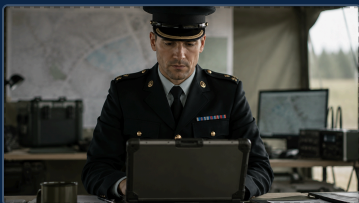
Canada already recognizes military trade experience. Qualified members convert service into a civilian credential without re-proving years of work. The final gate is the same certification exam ReadyEngine™ addresses.

It now runs both ways.

The federal government is investing **\$250 million** to expand skilled trades training through the Armed Forces, including a new Reserve pathway pairing funded training with paid service. Nine eligible trades under QL5/DP2 receive streamlined equivalency, then approval to challenge the exam.

Dual-use by design. One engine serves members converting out to civilian careers, and Canadians training in through service.

Source and date to be confirmed. This section requires a defence-experienced reviewer and an NDA check before external use.



TRAINING IN, THROUGH SERVICE



Readiness gets a worker certified. Oliu™ makes the proof travel.

Across healthcare, the skilled trades, safety and education, proof of qualification is going digital. **Oliu™** is a pan-Canadian trust network for verifiable digital credentials, built on the production-mature W3C standard — oliu.ca

Verification is manual

When an employer needs to confirm a certificate is real today, someone checks it by hand — or phones the school that issued it.

Fraud is hard to catch

A paper certificate or a PDF can be altered, and there is often no fast way to tell a real one from a forged one. A verifiable credential fails verification the moment it is tampered with.

Credentials don't travel

Proof earned with one provider, in one province, too often has to be re-proven in the next. Canada has committed to reducing exactly this friction at provincial lines.

The standard is ready. The policy environment has aligned. A generation of Canadian issuers is ready to move beyond paper.

Three roles, one trusted connection.

A verifiable credential is the digital version of a certificate, with one difference: it is **signed so it cannot be faked**, and anyone with a legitimate reason can confirm it is real in seconds.

Issued

The issuer

Grants the credential and decides what to issue, to whom, and on what terms. For a safety certificate, that is the certifying body — and it stays that way.

Held

The holder

Keeps the credential in a free wallet on their own phone, unlocked with the same Face ID they already use for banking. They control when it is shared, and with whom.

Verified

The verifier

An employer, a site supervisor, a regulator — anyone with a legitimate need gets a yes or no in seconds, without calling the issuer.

Like a passport, but the holder decides what the officer sees — one thing proven, without revealing everything else.

No central database of credentials

The operator cannot watch who verifies what

The verifier gets proof, not personal data

Trust is the product — so trust is governed independently.

MEMBERS

The leading credentialing organizations

↓ govern · accountable to members

INDEPENDENT NOT-FOR-PROFIT

Canadian Credential Trust Authority

Owns the standards, the accreditation criteria, and the trust registry.

↓ operates under contract · reviews · termination rights

OPERATOR

Oliu™ Partnership Corp.

The network survives the operator, by design. No single vendor can capture it.

ALREADY UNDERWAY

A founding cohort has convened

St. John Ambulance, Alberta Construction Safety Association, AHEIA, BCRSP, CannAmm, Danatec and others — exploring the Authority and its standards together. Nothing is settled yet; they chose to shape it early.

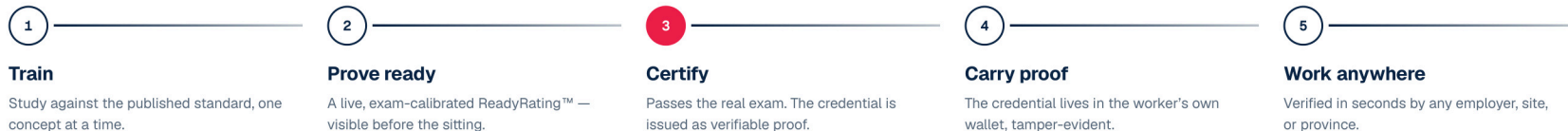
The serious rooms already know this work

Invited to speak in the Senate during the Canada–EU discussion on interoperable credentials. Engaged with DIACC and the Digital Governance Standards Institute. In conversation with ministers of labour, federally and provincially.

Built to fit provincial identity work

The wallet is designed to work alongside the foundational digital-identity wallets provinces are developing — not in competition with them.

One worker. Two layers of trust.



ReadyEngine™ THE READINESS LAYER measures and builds readiness against the standard

Oliu™ THE TRUST LAYER carries certified proof across employers and provinces

Readiness intelligence says **who is ready**. The trust network makes that proof **portable**. Together they cover both halves of the certification problem: prove readiness before the exam, and let the certificate travel after it.

No ask today. We wanted you to see it first.

The readiness engine is live in four regulated domains and moving into the trades now. The trust network is in its founding conversations, with national safety and credentialing bodies at the table and nothing settled yet. A few ideas, none of them a request. A working session with your standards and certification teams, to see how the engine maps against a published Ontario training standard. Your read on where this fits, and who else should see it. A single trade, taken far enough to measure. Whichever of those is useful. The rest, we'll prove.