AUTO DIGITID AFRICA

TECHNICAL CERTIFICATION PATHWAY · 2026 EDITION

Build, integrate and assure AIDC systems

Three credentials. One protected progression: deployment, then integration, then enterprise delivery and assurance.

PROFESSIONAL · TECHNICAL SPECIALIST · TECHNICAL EXPERT

WHO THIS PATHWAY IS FOR

For people who make the system work

The technical path is built for anyone whose job is to get AIDC technology running, keep it running, and connect it to the systems the business depends on.

IT and systems professionals

Engineers, administrators and analysts moving into operational technology

Technicians and field support

Device, print, RFID and mobility technicians who want a recognised credential

Systems integrators

Solution engineers and consultants connecting devices to enterprise platforms

Operations technology teams

Warehouse, plant, clinical and logistics technology practitioners

Supply-chain technologists

Traceability, visibility and automation specialists

Students and graduates

Entering the field with no prior AIDC experience

No prior AIDC experience is assumed at entry. Certified AIDC Professional asks only for basic digital literacy.

THE PROBLEM IT SOLVES

The gap between the floor and the system

Most organisations have people who understand physical operations, and people who understand enterprise software.
Very few have people who are fluent in both - and that gap is where AIDC projects fail.

	WITHOUT THIS CAPABILITY What organisations report	WITH IT What changes
DATA	Systems disagree because capture is manual, late or unverified	Data describes what actually happened, at the moment it happened
DEPLOYMENT	Equipment is bought, then quietly underused or misconfigured	Devices are commissioned, documented and supportable from day one
FAILURE	Nobody can tell whether the tag, the device, the network or the app is at fault	Faults are isolated methodically across every boundary
INTEGRATION	Point solutions that never reach the system of record	Secure, observable interfaces with tests and recovery evidence

This pathway builds the people who close that gap.

THE PROGRESSION

One ladder, three professional ceilings

LEVEL 1

Certified AIDC Professional

DEPLOY

Deploy, commission, support and troubleshoot within an approved design.

120-160 guided hours
3-4 months

LEVEL 2

Certified AIDC Technical Specialist

INTEGRATE

Integrate AIDC devices and data into secure, observable enterprise workflows.

180-240 guided hours
5-6 months

LEVEL 3

Certified AIDC Technical Expert

ASSURE

Lead and assure complex implementations against approved business and architectural intent.

220-300 guided hours
6-9 months · Coming soon

Each level is a complete employability destination in its own right, and a clear step toward the next.

Professional is also the entry to the commercial track: Sales Specialist, then Commercial Expert, both coming soon. The two tracks are equal in seniority and different in profession.

WHAT CHANGES AS YOU PROGRESS

The same technology, a widening responsibility

	PROFESSIONAL DEPLOY	TECHNICAL SPECIALIST INTEGRATE	TECHNICAL EXPERT ASSURE
SCOPE	Operator / Technician	Integrator / Systems Builder	Implementation Lead / Platform Owner / Delivery Assurance Lead
YOU OWN	Configuration and support	A working data flow	Production readiness
DECISIONS	How to make it work	How to make systems talk	How to deliver it safely at scale
INDEPENDENCE	Works within an approved design	Translates requirements into implementation	Leads pilots, cutovers and service transition
EVIDENCE	Configured environment, commissioning record, troubleshooting evidence and support handover pack.	Working integration, API and event artefacts, tests, observability and stakeholder documentation.	Delivery portfolio, security and resilience exercise, and a defended production-readiness capstone.
HIRING SIGNAL	Technician	Solution / integration engineer	Implementation / delivery lead

What Technical Expert does not certify

The ladder ends at expert practitioner and delivery leadership.

- Original enterprise architecture as the accountable design authority
- Academic research equivalence or an academic capstone
- Public policy or enterprise AI-governance strategy formulation
- Original AI, machine-vision or positioning algorithm design

You are assessed on work, not on recall

No award at any level can be earned by multiple-choice testing alone. Every level requires authentic artefacts, documentation and demonstrated recovery from failure - not only a working demonstration.

HOW YOU LEARN

- Self-paced structured topics you work through at your own pace
- Applied labs: configuration, commissioning and integration at your own keyboard
- Simulations with injected faults, outages and observed recovery
- Portfolio evidence: records, as-builts, schemas, tests and runbooks
- A final assessment at every level: a written exam and a practical at Professional, a defended capstone above it
- Knowledge checks on standards, safety, security and data quality

HOW EACH LEVEL IS ASSESSED

Professional

Ten module assessments, then a final written exam (online or supervised) and a practical - each passed on its own.

Gates: Safety, security, data integrity, privacy and production boundary - none can be compensated.

Technical Specialist

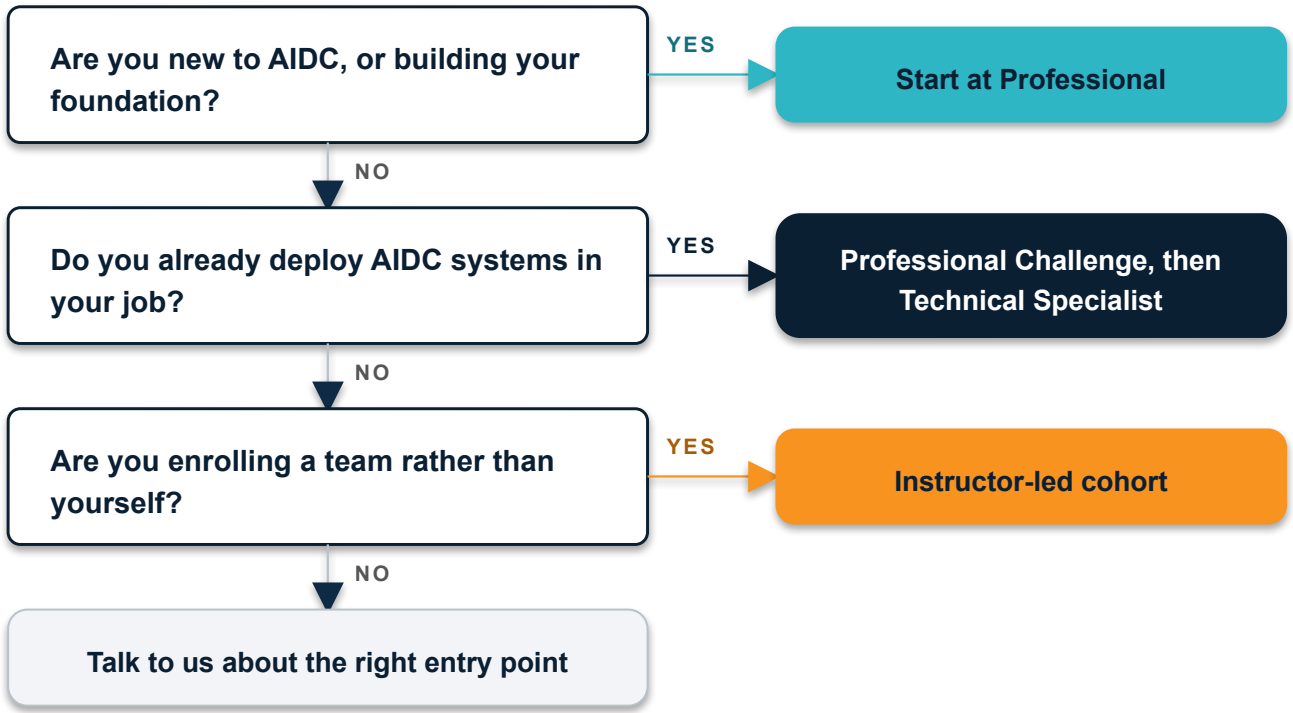
Working integration and artefacts	45%
Data, API and event model	20%
Testing, observability and recovery	20%
Requirements and stakeholder brief	15%

Technical Expert

Delivery and assurance portfolio	25%
Security, resilience and recovery exercise	25%
Defended enterprise delivery capstone	50%

No award at any level is earned by multiple-choice testing alone.

Three ways in. The same credential out.



Start where your work already is. Nothing is lost by entering lower than you could - and a level you cannot evidence is a level you will not pass.

AND ONE MORE CHOICE

Once you know your level, you choose how much preparation you want behind you. That is the next slide - and it changes nothing about the credential you end up holding.

Challenge
You already do this work

Certification
You are building the capability

Certification Plus
You want the most support

ONE CERTIFICATION, THREE WAYS TO PREPARE

Same credential. Different amount of support.

	CHALLENGE For experienced practitioners	CERTIFICATION Best for most learners	CERTIFICATION PLUS Maximum exam confidence
WHO IT IS FOR	You already do this work and want it recognised	You are building the capability	You want the most support before assessment
ELIGIBILITY	Gated on a prior credential, verified experience or partner-university enrolment	Open	Open
CONTENT AND LABS	Identical	Identical	Identical
TIME TO COMPLETE	A 90-day window	The full programme	The full programme
PRACTICE ATTEMPTS	One	Included	Included
LIVE REVISION CLINIC	—	—	Included
RESIT	—	—	One resit included, of the part you did not pass
ASSESSMENT AND AWARD	The same assessment, the same credential	The same assessment, the same credential	The same assessment, the same credential

WHAT EACH COSTS **Professional** $195 · $295 · $445 **Technical Specialist** $595 · $895 · $1,195 **Technical Expert** Coming soon

One certification. Three ways to prepare. Every route ends at exactly the same independently assessed credential - the route you take is never printed on it.

An assessed core, and the enrichment around it

	CORE Assessed · controlled release	ENRICHMENT Optional · living release
WHAT IT IS	The modules the credential is built on	Optional modules that ship with the credential
ASSESSED	Yes. Every core module is examinable, and the award rests on it	No. Enrichment is never examined and never gates your credential
WHAT IT COSTS	Included in the rate	Also included. There is no separate fee and nothing further to buy
HOW IT CHANGES	Through controlled release, so an award boundary is never moved casually	Through living release, so it can move at the pace the technology actually does

Technical Specialist and Technical Expert carry optional enrichment. At Professional, AI in AIDC is a required, examined module.

- **Technical Specialist** Integrating AI into AIDC workflows, and integrating mission-critical communications.
- **Technical Expert** Governing AI in AIDC, and governing mission-critical communications.

This is why the AI conversation runs through the whole ladder rather than sitting in one module: you meet it as a required, examined module at Professional, then as an integration problem, then as a governance responsibility.

Depth in a sector, on top of the ladder



A badge carries its own ID

Issued from the register and checkable by anyone, with no account.

Standard	$595
Student	$495
Academic Partner	$395
Two badges	$1,090
Three badges	$1,495

Vertical depth, without creating a fourth level. A badge says you can do this work in a named sector - under its regulation, its workflows and its data.

- **Opens after Technical Specialist** — Professional and Technical Specialist, both valid and both yours. A Technical Expert holder can name that award on the badge as well, and completes an assurance-level extension where it applies.
- **It is not a higher tier** — A badge adds sector fluency across the ladder you already hold. The framework is explicit that badges do not create a Level 4 and must never weaken the role boundary of your main certification.
- **It is earned, not bought** — An industry case or project, a sector assessment and assessor sign-off - assessed against current regulation, workflow, stakeholder and data requirements.
- **It is verifiable** — Each badge carries its own ID, issued from the register and resolvable by anyone, with no account.
- **It stays current** — Reviewed or renewed every two years at $149, and sooner after a material regulatory change. Sector regulation moves faster than the framework around it.

AVAILABLE CONCENTRATIONS

- Logistics & 3PL
- Healthcare
- Retail & Omnichannel
- Manufacturing
- Public Sector & Identity
- Banking & Financial Services
- Energy & Utilities
- Courier, Express & Postal

There is no all-access pack. Holding every vertical would signal specialisation in none.

CAREER VALUE

What each credential signals to an employer

Professional

DEPLOYMENT & SUPPORT

“I can deploy and support AIDC environments reliably.”

ROLES HIRED INTO

- AIDC Technician
- Device Configuration Specialist
- Support Engineer
- Field Service Technician
- Junior Systems Analyst
- Pre/post-sales Support

Technical Specialist

INTEGRATION & TRACEABILITY

“I can connect AIDC technologies to secure, observable enterprise workflows.”

ROLES HIRED INTO

- AIDC Solution Engineer
- Integration Engineer
- Workflow Automation Analyst
- IoT Systems Engineer
- Warehouse Systems Analyst
- RFID/RTLS Implementation Specialist

Technical Expert

ENTERPRISE DELIVERY & ASSURANCE

“I can lead and assure complex AIDC implementations in production.”

ROLES HIRED INTO

- Enterprise AIDC Implementation Lead
- Technical Delivery Manager
- AIDC Platform Owner
- Deployment Assurance Lead
- Senior Integration Consultant
- Service Transition Lead

Roles are the directions this pathway opens, not guarantees. Certification proves demonstrated competence and production evidence; what an employer does with that is their decision.

RATES

What each credential costs

These are rates, not promotions. If you qualify, the rate is yours - there is no code to find and nothing to negotiate.

Professional

DEPLOYMENT & SUPPORT

$295
STANDARD RATE

Student rate	**$195**
Academic Partner rate	**$179**
Challenge route	**$195**
Certification Plus	**$445**
Renewal, every 3 years	**$99**

Technical Specialist

INTEGRATION & TRACEABILITY

$895
STANDARD RATE

Student rate	**$695**
Academic Partner rate	**$595**
Challenge route	**$595**
Certification Plus	**$1,195**
Renewal, every 3 years	**$295**

Technical Expert

ENTERPRISE DELIVERY & ASSURANCE

Coming soon

Certified AIDC Technical Expert is not yet open for enrolment. No price is published for it yet.

PATHWAY RATES

Pathway	Professional + Technical Specialist	**$1,050**	$1,190 separately · you save $140 · student $785 · Academic Partner $685

Instructor-led cohorts, credential included: Professional $795 · Technical Specialist $1,650 per seat. Cohorts are priced against taught delivery, not against the credential.

Eligibility rates do not combine with each other. You qualify for the best single rate, not a stack of them.

NEXT STEP

Start where your work is

Most people begin at Professional, the shared entry to this track and to the commercial track (coming soon).
If you already deploy AIDC systems, check your eligibility for the Challenge route instead.

01

Choose your level

Professional if you are building the foundation. Technical Specialist if you already deploy, with Technical Expert to follow (coming soon).

02

Check your rate

Student and Academic Partner rates are eligibility rates. If you qualify, the rate is yours.

03

Enrol

Intakes open on 1 January, 1 April, 1 July and 1 October.

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