AUTO DIGITID AFRICA

STUDENT ORIENTATION · 2026 EDITION

Welcome to Auto DigitID Africa

Learn how the physical world becomes trusted digital information.

AUTOMATIC IDENTIFICATION AND DATA CAPTURE · AFRICA-FIRST · VENDOR-NEUTRAL · STANDARDS-LED

WHAT YOU ALREADY USE

AIDC is already around you

Every one of these moments is the same six steps. Once you can see the pattern, you can see it everywhere.

01
PHYSICAL EVENT
A pallet arrives. A patient is admitted. A parcel is scanned.

02
IDENTIFY
Barcode, RFID, biometrics, machine vision or sensors

03
CAPTURE
The identifier is read and validated at the point of work

04
CONNECT
Data crosses a secure, monitored interface

05
ENTERPRISE SYSTEM
ERP, WMS, TMS, POS, EMR or MES is updated

06
DECIDE
Automate, analyse and act on information you can trust

A package is delivered

You sign on a device. The parcel, the route and the time are now one record.

A patient is treated

The right patient, the right medicine, the right dose - checked by scan, not by memory.

A shelf is restocked

The store knows what sold, what is left and what to order tonight.

A part enters a line

Traceability begins at the first read and follows the part to the customer.

Physical event → identification → data → system → decision

WHY IT MATTERS

What good identification buys

AIDC is not really about barcodes. It is about whether the information your organisation acts on is true.

Accuracy

Fewer keystrokes means fewer errors. Data describes what actually happened.

Visibility

You can answer where something is, and when it moved, without a phone call.

Speed

Work is recorded as it happens rather than reconstructed afterwards.

Automation

Reliable identification is the precondition for every automated decision above it.

Automation cannot be more reliable than the identification underneath it. Every automated decision an organisation makes rests on something having been identified correctly, once, at the point where the work actually happened.

WHY NOW

Four things arrived at once

AIDC is not new. What is new is the stack built on top of it - and how little of that stack works without dependable identification.

AIDC
IDENTIFY AND CAPTURE

+

CONNECTIVITY
MOVE IT RELIABLY

+

ENTERPRISE SYSTEMS
RECORD AND ACT

+

AI AND AUTOMATION
DECIDE AT SCALE

=

INTELLIGENT OPERATIONS

Operations that can see themselves, and act on what they see

Standards are moving too: 2D barcodes at point of sale, GS1 Digital Link, EPCIS 2.0.1 traceability, digital product passports and verifiable digital identity.

WHY AUTO DIGITID AFRICA

Built here, for the way work actually runs here

01

Africa-first

Built for African operating conditions - intermittent power, constrained bandwidth, mixed equipment estates and real infrastructure limits.

02

Vendor-neutral

Standards-led rather than product-led. You learn the principles that outlast any one manufacturer's catalogue.

03

Industry-connected

Assessment is built on authentic work: real artefacts, real failure and demonstrated recovery - never multiple choice alone.

04

Career-oriented

Every level is a complete employability destination and a clear step toward the next one.

From learning, to application, to leadership. Every credential is a complete destination in its own right and a clear step toward the next one.

More than one learning journey

One shared entry to two certification tracks, and two routes with their own way in.

CERTIFIED AIDC PROFESSIONAL

The shared entry to both certification tracks · Open now

TECHNICAL TRACK

DEPLOY · INTEGRATE · ASSURE

- **Technical Specialist** — ENROLMENT OPENING SOON
- **Technical Expert** — COMING SOON

For people who make the system work.

COMMERCIAL TRACK

DEVELOP · ORCHESTRATE

- **Sales Specialist** — COMING SOON
- **Commercial Expert** — COMING SOON

For people who find, justify and win the business.

THEIR OWN WAY IN

Not built on Professional

AI AUTOMATION

BUILD & GOVERN

- **Practitioner** — COMING SOON
- **Lead** — COMING SOON

A standalone ladder. It does not require an AIDC credential.

UNIVERSITY & TVET

DESIGN · ARCHITECT

- **BTech degree** — THROUGH A UNIVERSITY
- **TVET routes** — THROUGH A TVET INSTITUTION

An academic qualification, not a certification.

AI is not a module bolted on the end. It runs through every pathway, in the form that pathway needs.

- **Technical** — Deploy it, integrate it, and assure it.
- **Commercial** — Position it honestly, and lead the programme.
- **AI Automation** — Build it, then govern it. Here it is the subject.
- **Academic** — Design it and govern it, as assessed credits.

WHERE IT LEADS

What you can build toward

AIDC skills are not tied to one industry. They travel with you.

Logistics & 3PL

Warehousing, transport, EPCIS events, cold chain and RTLS

Healthcare

Patient and product identity, DataMatrix, UDI, privacy and safety

Manufacturing

MES, work in progress, RFID, vision and industrial connectivity

Retail & Omnichannel

2D at point of sale, Digital Link, inventory and consumer information

Public Sector & Identity

Proofing, credentials, biometrics and service delivery

Banking & Financial Services

Identity, authentication, fraud evidence and secure workflows

Energy & Utilities

Asset identity, field service, rugged operations and lifecycle evidence

Courier, Express & Postal

Parcel identity, events, sortation and exception handling

LEARN
Build the vocabulary and the fundamentals

APPLY
Do the work, and keep the evidence

SPECIALISE
Go deeper technically, commercially or academically

LEAD
Own delivery, design or the commercial agenda

How to get certified, in seven steps

01

Learn all ten modules

P0-P9. Every module is required, including AI in AIDC and mission-critical communications.

02

Pass each knowledge check

Score 80% on a topic's knowledge check. It unlocks the topics that build on it.

03

Pass each module

Checkpoint quiz 80%+, written work 80%+ (assessor-marked; the Lead Assessor reviews and releases it) and every competency gate Met. Then the next module opens.

04

Book your final assessment

Once all ten modules are passed, at least 15 working days ahead: online, or supervised at an approved venue. Adjustments: ask support@autodigitid.africa, normally 20 working days ahead. The standard never changes.

05

Sit the written exam

Online in Moodle: live ID check-in, two-factor sign-in, Safe Exam Browser (Windows, Mac or iPad), timed. Or supervised at a venue. 120 minutes: 70 scored + 10 unscored. Pass: 80% overall, 60% in every domain (provisional).

06

Complete the practical

Supervised for now: observed in person by an assessor who is not your trainer, with injected faults. Pass: 80% and all five gates - Safety, Security, Data integrity, Privacy, Production boundary.

07

Receive your certificate

Lead Assessor checks; the awarding authority approves. Digital certificate within 10 working days, on the register with a QR code, checkable at verify.autodigitid.africa. Renew every three years.

THE RULE

Each part passes on its own

Written exam and practical each pass on their own - there is no blending. Fail one and you resit only that part; the other is kept for 12 months.

AI may help you learn. In marked work use it only to explain or research, never to write, and add a one-line declaration. No AI in the exam or practical. Appeals are free. Help: support@autodigitid.africa.

NEXT STEP

Welcome aboard

You are investing time, energy and curiosity in a field that connects physical operations to digital intelligence. That is a good place to spend it - and a good place to build a career.

01

Find your pathway

Read the Technical, Commercial or Academic brief and see which one describes the work you want to do.

02

Read the Course & Career Guide

The full guide walks through every pathway, what it costs and how to decide where to start.

03

Start where you are

Most learners begin with Certified AIDC Professional. It assumes no prior AIDC experience.

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