

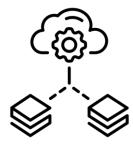


Identity Verification System

Proposition



Located in 18 African countries Ekwantu Consulting is an experienced ICT solutions and integration provider specializing in a broad range of services and solutions. We have offices in South Africa, Zambia, Botswana, Namibia and growing



We provide innovative, efficient, cost-effective infrastructure, platform and software solutions to our clients. We aim to be the partner of choice that supports our clients' strategies and digital transformation journeys



We are trusted and highly rated by OEM partners including but not limited to hardware, platform, cyber security OEMs

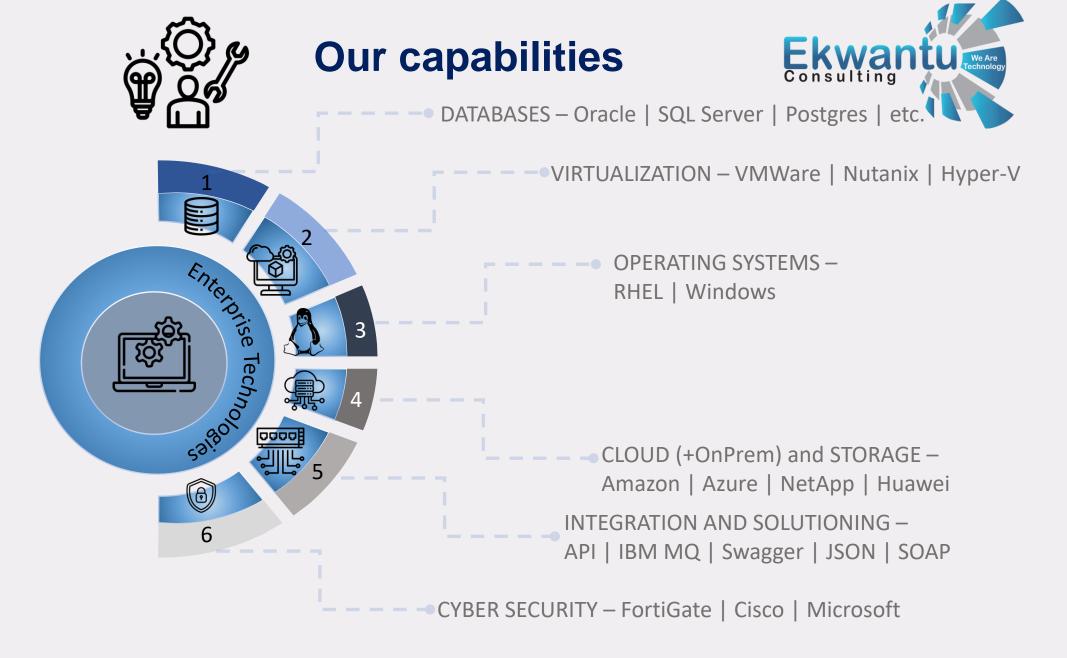


We serve clients in various industries including but not limited to Banking, Education, Local and Central Government, Insurance, Health, Mining, Telecommunications

Our African footprint

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Prudential's Problem Statement



- The client requires integration of Identity Document Verification (IDV) functionality into their existing systems.
- 2. The solution must support real-time verification of national IDs, with potential expansion to other ID types.
- 3. Integration must be delivered via RESTful APIs for seamless platform compatibility.
- 4. The system must be scalable, capable of handling high verification volumes without performance degradation.
- 5. Security and compliance are critical, ISO 27001, and relevant local data protection laws, the DPA.
- 6. The solution must include reporting and audit trail mechanisms to support traceability and regulatory assurance.
- 7. Compatibility with EPOS systems is required to support operational integration.
- 8. Optional features include support for multiple ID types (e.g., Passport, Driver's License) and real-time alerts for failed or suspicious verifications.
- 9. Deployment must be flexible—supporting both cloud and on-premises models.
- 10. Secure, encrypted data storage with defined retention policies is mandatory.
- 11. The project will follow a structured timeline: Discovery, Development, Testing, Training, Go-Live, and Post-Implementation Support.



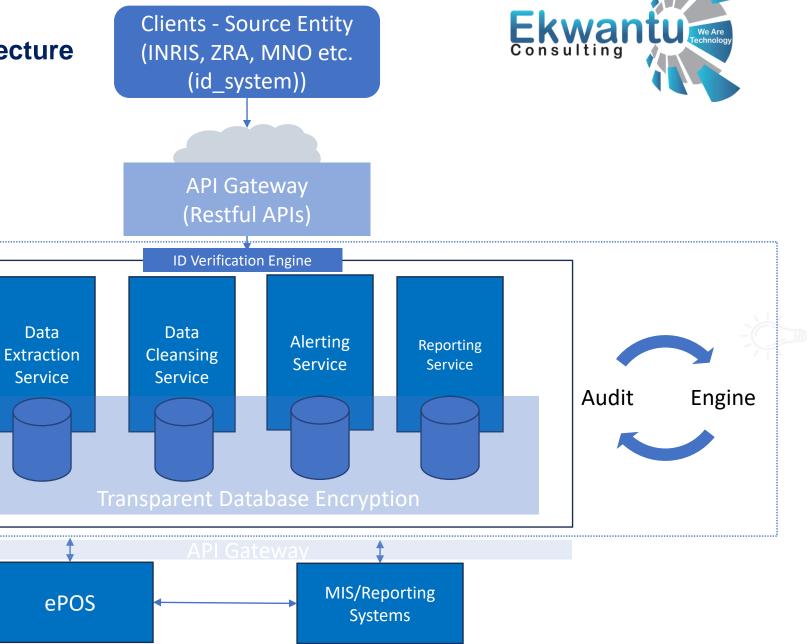
Integration/Microservice Architecture

Optional Services

Fraud

Detection

Engine



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High level API views -

Request and response from external data source

Record Found

```
Method: GET
Endpoint: /api/v2/api system/123456789012
Authorization: Bearer <access token>Accept: application/json
{ "id type": "national id",
         "id number": "123456789012",
         "full name": "Peter Mwansa",
         "date of birth": "1985-06-15",
         "gender": "male",
         "mobile number": "+260971234567",
         "address":
                  { "province": "Lusaka",
                   "district": "Munali",
                   "postal code": "10101"
         "source": "id_system",
         "verified on": "2025-08-24T10:25:00Z"
```



Record not found

```
{
"error": "record_not_found",
"message": "No KYC record found for the provided
ID number.",
"id_number": "123456789013",
"timestamp": "2025-08-24T11:07:00Z",
"source": "id_system"
}
```

Multiple records

```
"id type": "national_id",
"id number": "987654321098",
"full name": "Lilian Phiri",
"date of birth": "1992-03-22",
"gender": "female",
"mobile number": "+260972345678",
"address": {
"province": "Copperbelt",
"district": "Ndola",
 "postal code": "40001"
"source": "national id system",
"captured by": "EPOS-Unit-02",
"capture_timestamp": "2025-08-24T10:26:00Z"
"id type": "national id",
"id number": "112233445566",
"full name": "Joseph Banda",
"date of birth": "1978-11-09",
"gender": "male",
"mobile_number": "+260973456789",
"address": {
"province": "Eastern",
"district": "Chipata",
 "postal code": "30002"
"source": "national_id_system",
"captured_by": "EPOS-Unit-01",
"capture timestamp": "2025-08-24T10:27:00Z"
```



```
{
  "id_type": "national_id",
  "id_number": "667788990011",
  "full_name": "Patrick Zulu",
  "date_of_birth": "1983-01-17",
  "gender": "male",
  "mobile_number": "+260975678901",
  "address": {
    "province": "Western",
    "district": "Mongu",
    "postal_code": "70004"
    },
    "source": "national_id_system",
    "captured_by": "EPOS-Unit-05",
    "capture_timestamp": "2025-08-24T10:29:00Z"
    }
}
```



High level API views -

Loading into EPOS

```
Ekwantu We Are consulting
```

```
PayLoad into EPOS
"id_type": "national_id",
"id number": "123456789012",
"full_name": "Peter Mwansa",
"date of birth": "1985-06-15",
"gender": "male",
"mobile_number": "+260971234567",
         "address":
         "province": "Lusaka",
         "district": "Munali",
         "postal code": "10101"
"source": "id_system",
"captured by": "EPOS-DB",
"capture_timestamp": "2025-08-24T10:26:00Z"
```

```
Committing to the EPOS System

{
"record_id": "KYC-20250924-001",
"status": "stored",
"message": "KYC data successfully received and stored.",
"timestamp": "2025-08-24T10:26:05Z",
"audit_reference": "AUDIT-20250924-001"
}
```

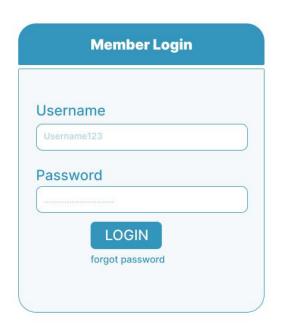






EKWANTU

Leading IT Integrators you can trust.













HELLO, WELCOME TO EKWANTU KYC PORTAL ...

NRC:

123456789013



Q Search records

Elevate your business with our cutting-edge ICT services to ensuring cybersecurity, let's transform your technology landscape together.



Partnership

















KYC Portal

Summary

3 Full Names:

Date of Birth:

Gender:

Address:

Postal ZIP:

Peter Mwansa

1985-06-15

MALE

Munali, Lusaka.

10101

Register

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Account not found!

request error; 2025-08-24T11:07:00Z

No KYC record found for the provided ID number

Please enter Valid ID Number

Go To Home



Paid Partnership





















Ekwantu KYC Portal



| Summary | | | | | |
|---------------|---------------|--------|----------------|----------|----------|
| Full Names | Date of Birth | Gender | Address | Zip code | |
| Peter Mwansa | 1985 06 15 | MALE | Munali, Lusaka | 10101 | Register |
| Jane Mwale | 1985 -06 - 15 | FEMALE | Munali, Lusaka | 10101 | Register |
| Josh Kaka | 1985 -06 - 15 | MALL | Munali, Lusaka | 10101 | Register |
| Patrick Lin | 1985 -06 - 15 | MALE | Munali, Lusaka | 10101 | Register |
| Melody Makeni | 1985 -06 - 15 | FEMALE | Munali, Lusaka | 10101 | Register |
| Andrew Kabwe | 1985 0G 15 | MALE | Munali, Lusaka | 10101 | Register |



Paid Partnership











Sanlam









SOUTH AFRICAN
MARITIME SAFETY AUTHORITY



access Telkom





Department: National Treasury
REPUBLIC OF SOUTH AFRICA







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Department: Trade, Industry and Competition REPUBLIC OF SOUTH AFRICA





