



COMPANY PROFILE



AFRICA'S TRUSTED FACIAL RECOGNITION PLATFORM

WELCOME



|| ABOUT US

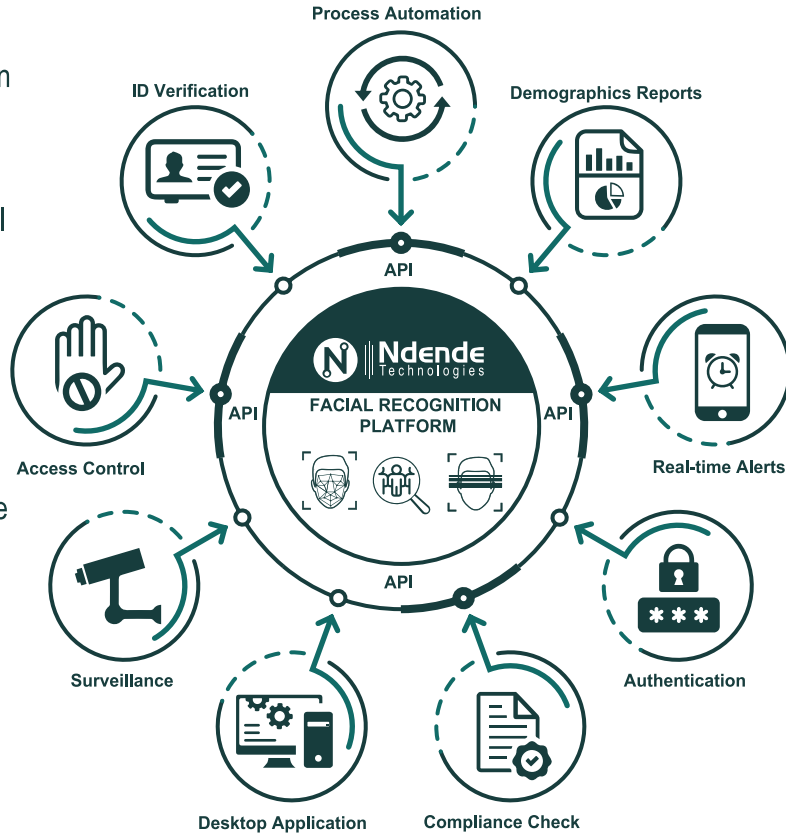
Ndende Technologie is a Level 1 BBBEE company founded in 2009. At that point in time, Facial Recognition was still an immature technology and not widely adopted. Since then, Ndende has focused on Facial Recognition technology, and built a reputation for excellence and delivery. The company has strategically positioned itself to provide intelligent solutions for identifying, verifying, and authenticating people.

At the core of the Ndende offering is its robust and scalable platform, making it possible to deliver millisecond responses in the cloud. The matching capability of our platform is based on a leading global facial recognition technology engine with top-rated (NIST) matching accuracy for all ethnicities. The platform is secured, and ensures the storage of data is in compliance with the local Data Protection legislation of clients such as POPI Act in South Africa.

OUR PLATFORM

The Ndende facial recognition platform incorporates state-of-the-art technology relevant to working with facial images, in particular deep learning, computer vision, and pattern recognition technologies.

The platform enables Ndende customers' facial recognition capabilities across the globe to verify, identify, and authenticate people.



PLATFORM



KEY CAPABILITIES

- Secure, easy-to-use, customizable online facial recognition services.
- Face localization and face tracking on images and video streams.
- Enrolment, verification and identification of customers, employees, learners.
- Accurate portrait characteristics check for gender, age, pose deviation, exposure, glasses, eyes closed, uniform lighting detection, unnatural colour, image and face geometry.
- Full-frontal image type checks and formatting as required for ePassports (ISO 19794-5 compliant).
- Crowd management – the counting of people in crowds.

KEY CAPABILITIES

- Rendezvous of two or more people alert events.
- Repeat Visits - ability to detect repeat visits.
- Transit time - ability to compute visitor transit time from one point to the other.
- Unattended Persons - ability to alert when unattended/authorized persons is detected in a define area.
- Visit length – ability to accurately computer how long a visitor stay at a particular point.



THE KEY

SOLUTIONS

NDENDE SOLUTIONS



NdScan-Face™ Facial Recognition Attendance System

The NdScan-Face™ attendance solution was specifically developed for the intelligent management of people attending work, classes, or events. The easy to deploy mobile application allows you to roll out anywhere and keep track of people's attendance, location and duration of stay. Seamless integration with back-end systems makes it possible use facial recognition to provide data to systems like payrolls and time and attendance. The Ndende portal provides access to real-time reports anywhere, anytime.



NdCount Facial Recognition People Counter

Ndende's NdCount is more than a people counting solution. The solution creates the capability to understand the demographics of all visitors. It offers accurate information about gender, race, age and ethnicity of people. The system eliminates chosen individuals like staff and also repeat visitors to provide accurate real-time reports which is widely used for operational planning, budgeting and marketing in many industries.



NdScan-ID API Integration Solution

Ndende Technologies has followed a strategy of providing facial recognition capabilities as a value-add to numerous applications. In partnership with many application providers, we have enabled critical business processes and access to systems to use facial recognition to identify, verify and authenticate individuals. Ndende's API provides a gateway to our facial matching engine in the cloud.



NdScan-Video Automated Facial Recognition

The solution to detect, track, recognize, and analyze people facial features captured on video, still pictures and sketches against large databases. The technology supports a multitude of usage scenarios in corporate, industry, and government sectors and allows you to implement innovative security and operations management applications in video streams.

SOLUTIONS

Based on its robust platform, Ndende provide its customers with easy-to-use, scalable and customizable face recognition solutions and IT services which can be categorized as:



NdConnect

Simplifying network connectivity through cloud infrastructure and multi-IMSI technology. Operates on a fully Virtualized Mobile Network, which utilizes the Radio towers of the MNO Partners to deliver voice, Data and SMS Services. With a single Integration to NdConnect, customers can have instant access to 25+ IMSIS from Network Operators globally for Cellular deployments



NdSecure Identity & Access Management Solutions

The ultimate solution for secure identity and access management. Ndende's platform combines Single Sign-On (SSO) with Multi-Factor Authentication (MFA) and seamless integration to LDAP, providing robust protection for organization's sensitive data.



NdAccess Control System

NdAccess control system is designed to provide the ultimate peace of mind solution for clients. Authorized access control to areas of buildings and deny access to those with no need or right to be there using facial recognition. NdAccess is both flexible and scalable with a management portal for administration and total control with easy to use reports, hosted or on-prem.



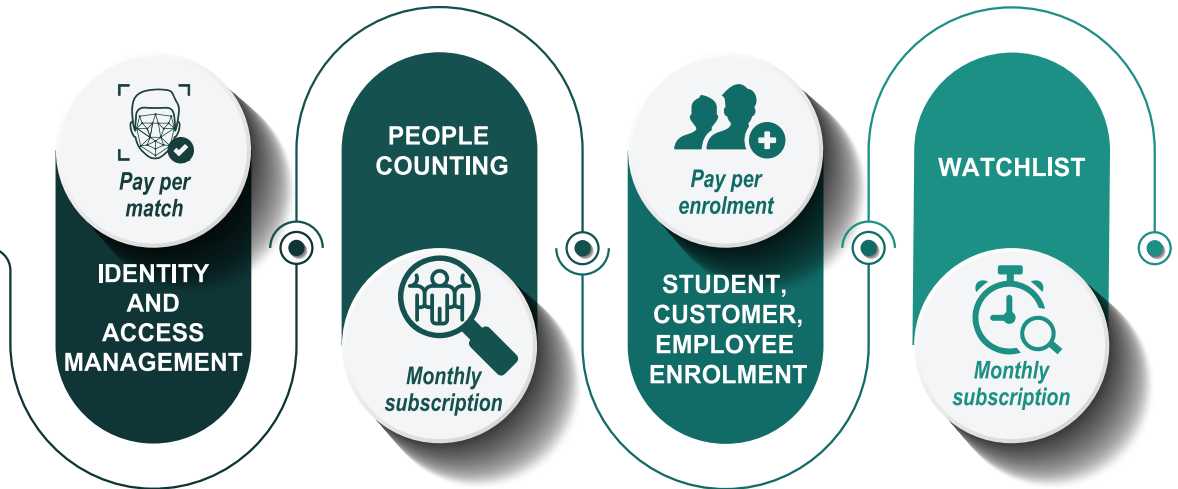
Internet Services

Ndende Technologies, your premier ISP service provider. With ICASA license and membership in the Internet Service Providers' Association (ISPA), Ndende brings you reliable, high-speed internet solutions tailored to meet clients connectivity needs

BUSINESS

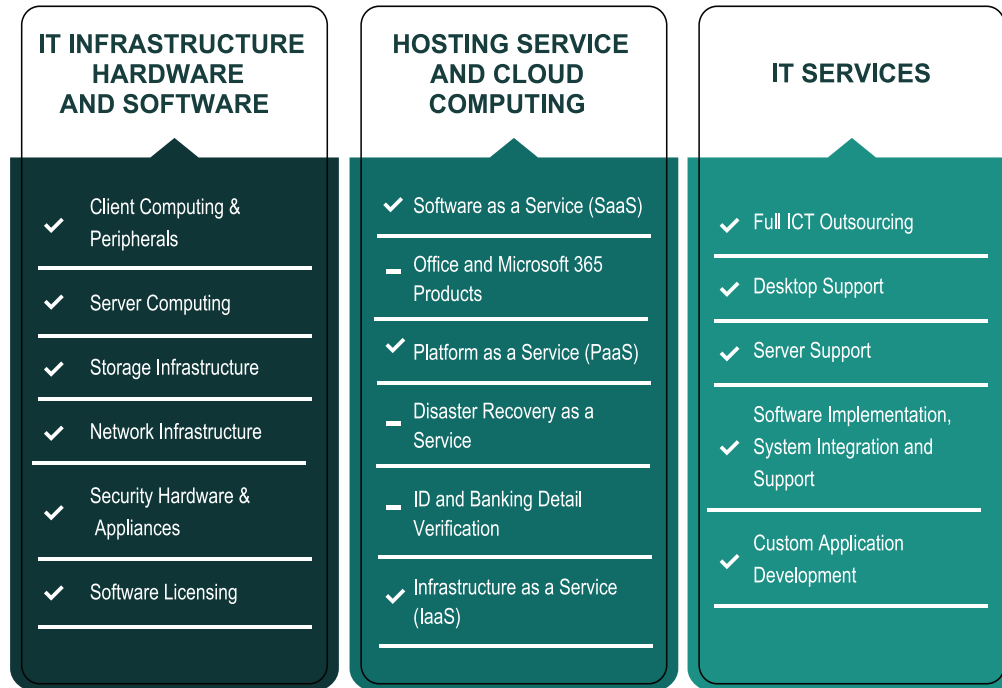
BUSINESS MODEL

The Ndende business model is based on a complete Identity-As-a-Service model, and you only pay for the services you consume. Ndende's Enterprise Solution offers a subscription-based, Facial Recognition Platform-As-a-Service with a fully managed cloud or hybrid video analytics system. The foundation of this offering is a platform with world-class matching capabilities in the cloud or on-prem.



NDENDE IT SERVICES

Through its many years of specialization Ndende has acquired experts skills, thereby enabling it to offer additional IT Infrastructure and support services in three areas namely: IT Infrastructure: Hardware and Software; Hosted Services and Cloud Computing; and IT Services.



WHY US

||| WHY NDEDE TECHNOLOGIES?

SPECIALIZED SKILLS – Ndende has a proven track record of successful Facial recognition implementations and is known in the market as a specialist provider of complex facial recognition solutions.

GREATER FLEXIBILITY – We provide a highly scalable and flexibly IT staffing resources as a service to support your business for specific needs and times. Our team can be scaled up or down with a greater degree of flexibility to meet clients' needs and IT budgets.

VALUE CREATION FOCUSED – Our focus is on business value creation. We understand our service to be a value driver in businesses, and every one of our services is delivered as a component of a bigger business. We do not see IT as a standalone unit within businesses, but part of the value chain.

INDUSTRY KNOWLEDGE AND EXPERTISE – Ndende Technologies has over nine (9) years of practical technical knowledge and expertise in implementing face recognition technology-based solutions.

CUSTOMER SATISFACTION AND STRONG STRATEGIC PARTNERS – Ndende Technologies prides itself with the successes of its customers and the happy partners that it has.

SUPERIOR PRODUCT KNOWLEDGE – experienced and dedicated employees of different races, genders and backgrounds are employed and trained continuously for relevance and innovation always.

QUICK FACTS



**NDSCAN VIDEO
OVER 120 SITES**



**FACES PROCESSED
OVER 2000 EVERY WEEK**



**FACES COUNTED
OVER 3000 EVERY DAY**



**BBBEE LEVEL 1
COMPANY**



**OVER 200,000
API CALLS MONTHLY**



**ISO/IEC 20000 IT SERVICE MANAGEMENT
ISO/IEC 27001 INFORMATION SECURITY
MANAGEMENT SYSTEMS ADOPTED.
CERTIFICATION PENDING**

FACTS



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