



e-Mbizo Solutions Developers Pty Ltd

Company Profile

Building Digital Bridges Globally

Broadband

Convergence

Smart Platforms

Skills Development

Applications

Introduction

Born in 2002, the early stages of the post dot-com boom and Y2K, the electronic communications and digital technology era. e-Mbizo, is a name derived from the word, Imbizo [Xhosa, Zulu], for a calling *spiritual and/or a *gathering,

e-Mbizo was initially based at the Innovation Hub, for incubation, at an internationally recognized science park, located in Pretoria.

The main objective of the company was to offer the most affordable, widely accessible fast, secure alternative broadband-related services for South Africans; predominantly those in the under-serviced township communities and rural areas.

After the long awaited deregulation of the South African Telecommunications sector, the company was awarded it's first license in 2005, initially as a Value-added Network Services (VANS) and later managed to further acquire the following national IECS and IECNS ICASA licenses as a telco, to provide their own services and networks infrastructure.

The company later evolved from being consumer centric and advanced towards public and private sectors.

"Young Turks. A new generation of young IT leaders is set to re-energise the local IT Industry." Aug 2005

Just think.
brainstorm



e-Mbizo Value Statements

Key values of our company.



Vision Statement

Building digital bridges globally, to close the broadband gap for the under-served communities and embrace transformation in the 4th Industrial Revolution in the broader public/private sectors..

“Bringing VOIP to the little guy.” Mar 2006



Mission Statement

To support knowledge growth, a broader use of technology, by maintaining a high level competence in the broadband market.



Background

With our strong background, and expertise in building a wide range of ICT solutions, e-Mbizo can offer comprehensive end-to-end solutions for business and government, to deliver effective consumer-centric services. Through this versatility e-Mbizo is enabling enterprise clients to drastically maximize their Return On Investment (ROI) in a competitive environment.

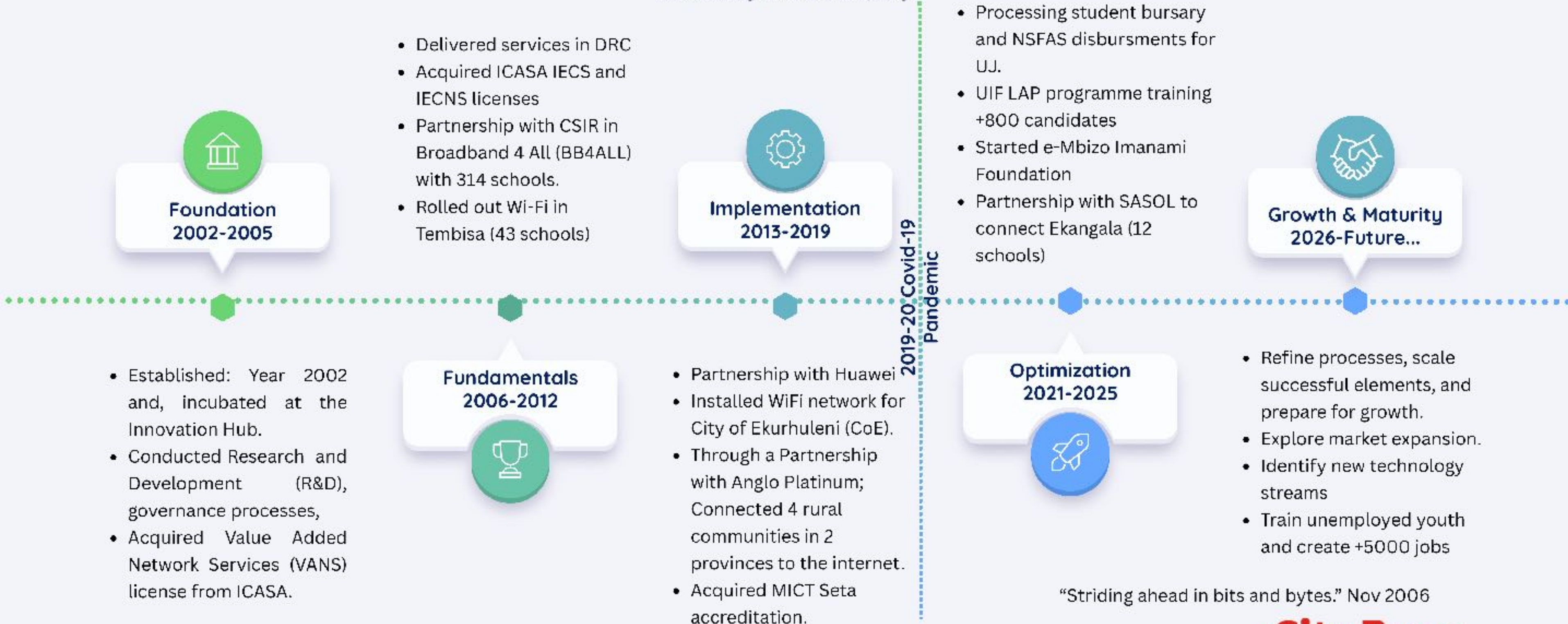


Our Philosophy

e-Mbizo's next generation-driven model is purely aimed at creating a base for sustainability, economic growth, through broadband technology

Our History/Roadmap in a Nutshell

An overview highlighting some, not all, of the work that e-Mbizo has been involved in over the history of the company.



Value Proposition:



- We follow a proven approach that is fair, beneficial and compliant for all parties involved.
- We are professional and ethical at all times, guided by the KING III commission for corporate governance, abiding by the occupational health and safety regulations.
- We aim to build long lasting Win-Win relationships with our clients and employees at all times.
- Empower and support the client to function independently if need be.
- Project Management based on proven processes.
- Professional and futuristic Business Analysis.
- Maintained consistency in Quality of Service.
- Agile and pro-efficient Systems Development and Implementation.
- Fail-proof Information Technology Reference Model.

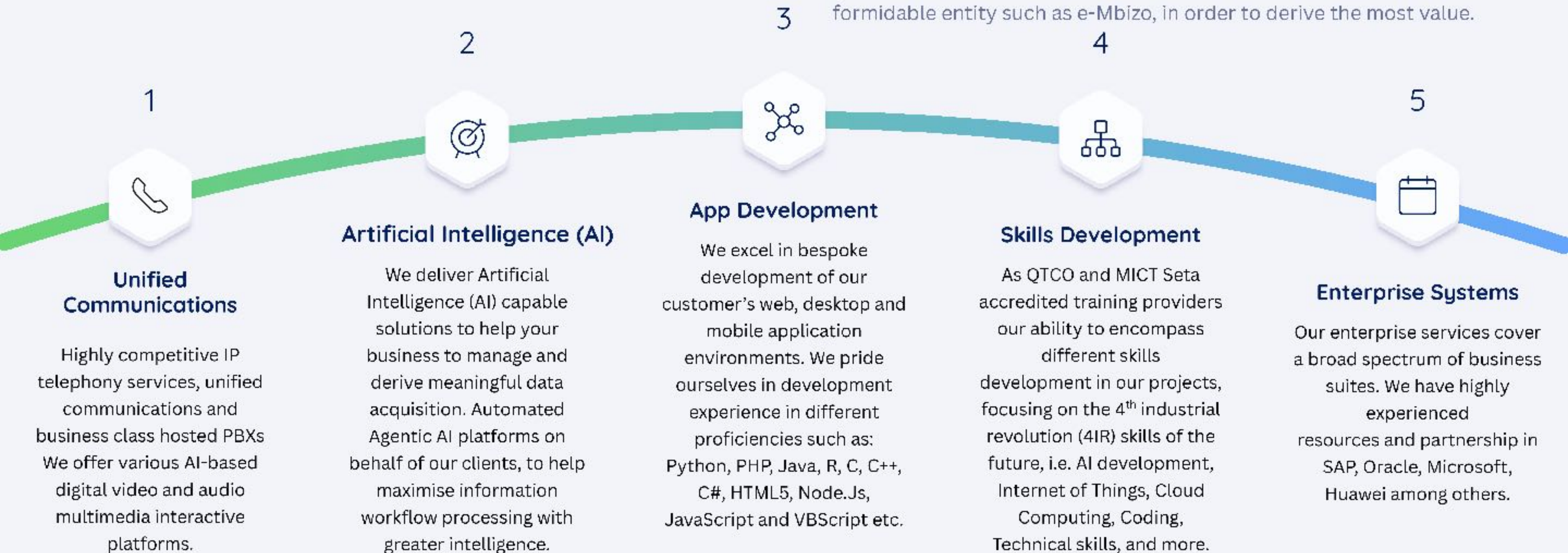
"Wi-Fi start-up helps plug SA's Internet divide." Feb 2014

Our Enterprise Solutions

In an increasingly converged world, where technology trends have become priority items on the business strategic agenda, it has become progressively more important to understand how technology can continue to support the pursuit of any business objectives.

We provide expert advice regarding connectivity, communications, cloud, artificial intelligence, internet-of-things and managed services.

Our exceptional engineering team, consistently physically and remotely monitors all our client deployment projects, to ensure consistency in business innovation. Our virtual effectiveness and value make sense of the cloud phenomenon and can practically apply it to your business. Whilst technology options are becoming increasingly available, it is imperative to consider an approach of adopting and adapting these technologies to your business, through a formidable entity such as e-Mbizo, in order to derive the most value.



Our Enterprise Solutions

Our structured methodologies and proven IT processes helps to reduce complexity, risks and costs associated with client/server development. We will help you develop customized software applications and assist you thorough out the entire software development Life Cycle, including systems analysis and design, software development, project management, implementation and training.

Cloud Computing

Our cloud computing solutions help you move, manage, and scale your systems with secure, flexible services tailored to your business. We work with various partners including Amazon Web Services, Google Cloud Platform and Microsoft,

Energy Solutions

Alternative energy with clear insights that help manage power use, analyse and improve performance, and keep your environment working at its optimal.

Fintech

Manage financial tasks with tools that make transactions smooth, secure, and easy to track. Structure payments, and resource allocation into detailed frameworks.

Internet-of-Things (IoT)

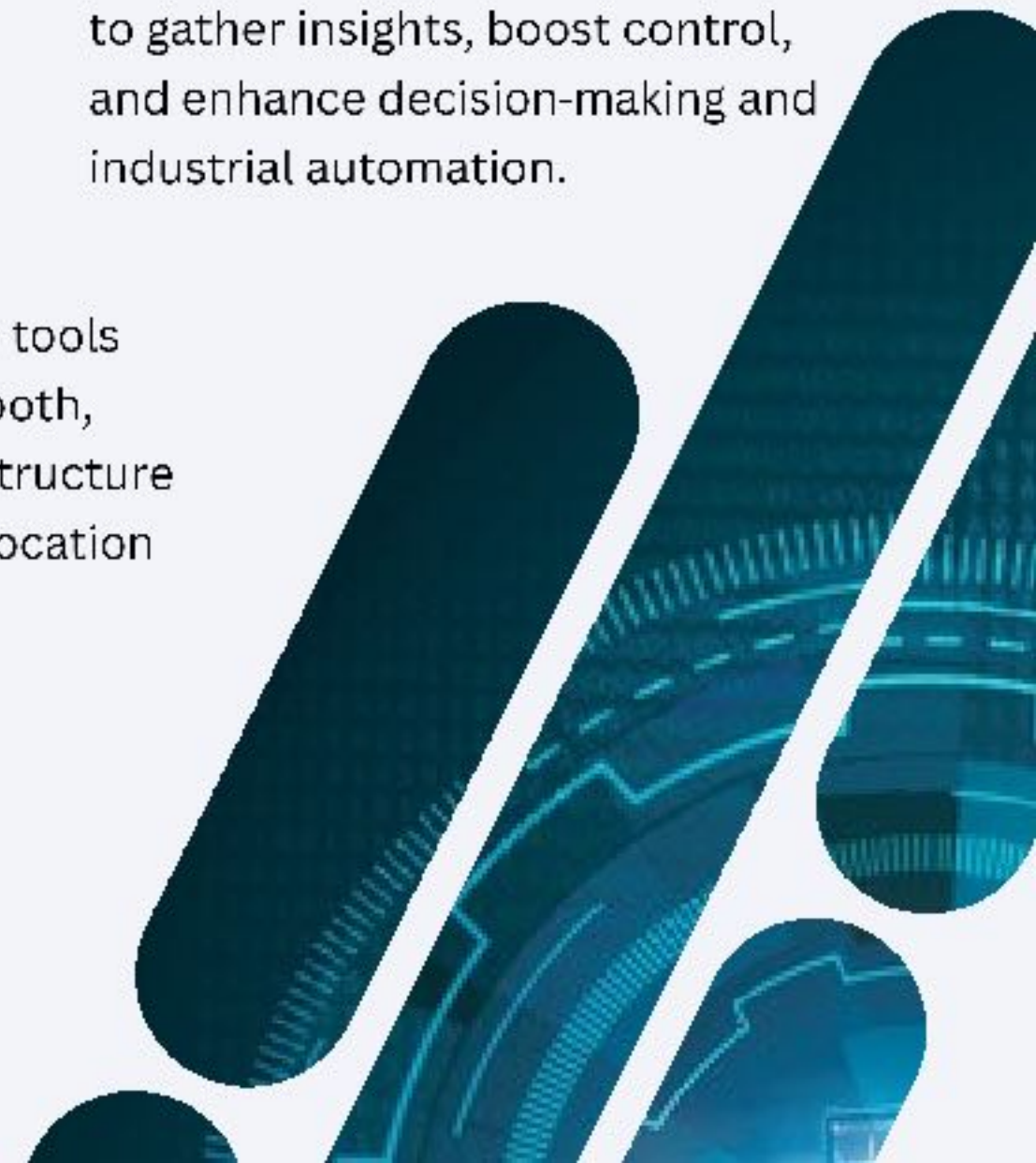
Use connected sensors and devices to gather insights, boost control, and enhance decision-making and industrial automation.

Cybersecurity

Keep information protected with tools and practices that block all threats and support safe operations.

Tembisa Wi-Fi network offers budget service. Oct 2013

BusinessDay





Our Expertise

Our structured methodologies and proven IT processes helps to reduce complexity, risks and costs associated with client/server development. We will help you develop customized network deployments, software applications, cybersecurity and assist you thorough out the entire project Life Cycle, including systems analysis and design, development, project management, implementation and training.

For more than 2 decades, we have been providing domain-specific expertise to drive innovation in sectors like energy, utilities, logistics, agriculture, defence, retail, FMCG, healthcare, finance, education, mining and manufacturing etc.

We offer wide range of selection of cloud hosting setup at our state-of-the- art data centers; to support from basic to Mission-critical applications to achieve 99.999% Server and Network Uptime. e-Mbizo's work in widening internet reach has become the foundation for digital growth. Communities and SMEs that were once left behind can now use AI, cloud tools and smart technology to improve services, unlock opportunities and build stronger futures.

Delivering tailored, cutting-edge solutions in software, AI, cloud, cybersecurity and IT consulting to meet diverse business needs.

Our Digital Strategy

Easy-to-follow points that show how our digital plan supports clients with better tools, clearer views, and smoother teamwork with complementary skills

01

Communications



Deliver a simple view of how AI-driven agents connect people, tools, and messages across one unified communication flow.

02

Infrastructure



Create a stable base on-premise, cloud or hybrid that links our customer systems, devices, and people so work is enhanced to stay fast and secure.

03

Dev-Ops (Applications)



Provide easy progress views in our apps so clients always know what's done, what's next, and how we're adding value.

04

Skills Development



Use simple digital tools that help people learn faster, build confidence, and turn complex topics into clear, useful skills.



"e-Mbizo growing its network of Wi-Fi connected devices"

Internet-of-Things

e-Mbizo brings smart, connected tools into everyday operations so companies can track, measure and manage their work with ease. In busy factories, sensors watch over machines and warn teams before breakdowns happen.

In mines, real-time data shows where equipment is and how safely it's running. Warehouses gain simple tracking that follows stock as it moves, helping teams pack and deliver faster.

On the road, fleets share live updates on location and condition so managers can plan better routes and cut delays. By turning data into clear insight, e-Mbizo helps businesses reach goals like saving time, lowering costs and keeping people safe.

e-Mbizo has a smart way to care for large-scale tyres on mining vehicles, heavy load trucks and yellow plant machines. This brings all tyre details into one place so teams can spot wear and tear early, plan changes and keep vehicles running smoothly. With clearer data, fuel use becomes lighter and downtime drops.



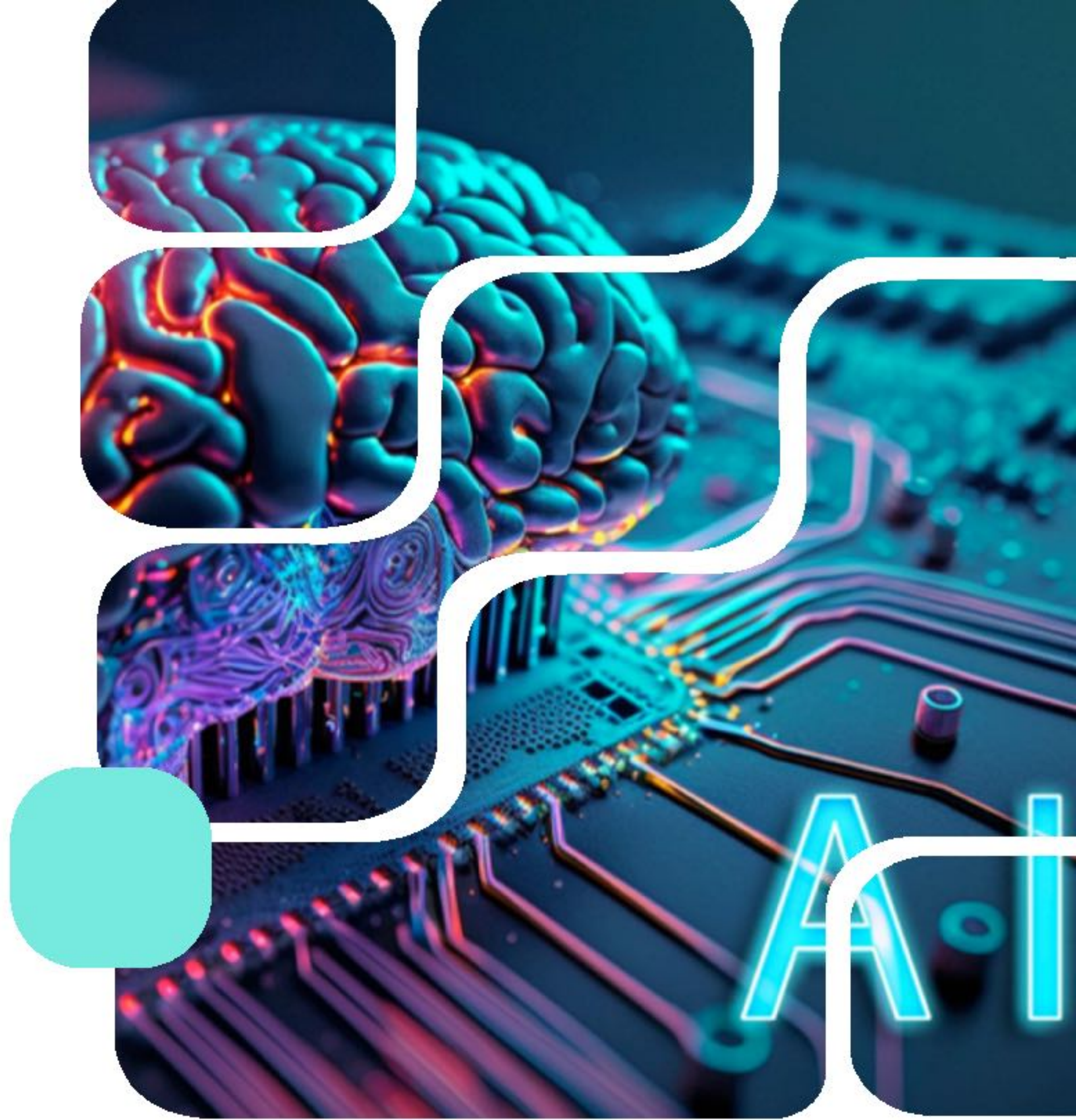
Artificial Intelligence

e-Mbizo is transforming customer experiences through smart AI solutions that cut costs and boost efficiency.

With powerful learning models, tasks are handled quickly and with greater precision. Its protective systems are designed to adjust and grow, working seamlessly with older CCTV setups, drones, and other surveillance devices to offer a wide, dependable layer of security.

e-Mbizo is committed to empowering enterprise customers with a complete collection of modern tools and solutions built for digital transformation.

Our goal is to help teams achieve visible progress, supported by guidance that encourages long-term growth. We deliver more than technology—we help create the right space for successful adoption in areas such as Retail, Finance, Industrial Automation, Mining, Banking, and Education.



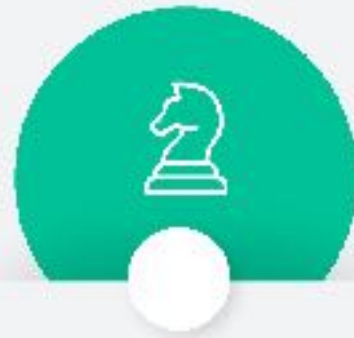
AI Sector Use Cases



Surveillance

Use always-on monitoring that reads the scene, predicts risks, and triggers clear voice alerts to keep spaces safe. The AI interactive agent conducts ubiquitous security.

01



Retail

Use AI-powered tools to watch for patterns in retail spaces, predict issues early, and guide smarter decisions before any complex challenges arise i.e. shoplifting, purchase trends etc.

02



Industrial

Intelligent tools monitoring workflows, predict delays, and streamline tasks across industrial and warehouse setups. Track equipment health, understand patterns, and automate routine jobs for safer, faster operations.

03



Education

Launch your campaigns and deliver content as scheduled. e-Mbizo uses AI to guide lessons, personalise learning, and support educators with quick, reliable insights. Share learning materials, track progress, and make teaching easier.

04



Finance

AI supports safer and faster financial operations by tracking transactions, finding problems quickly, and improving fraud checks. It also helps teams plan better and offer more helpful banking services.

05



Mining

Use our AI to track operations as they happen, flag problems before they grow, support safety teams, and guide better planning. Monitor key metrics for better decision-making. With advanced insights to keep sites safe etc.

06

Dev-Ops, Data Science and Analytics Expertise

The fundamentals of our digital stack of expertise and services, encompass some of the comprehensive portfolio in the market. We have delivered various projects on both front-end and back-end aspects of the technologies.

As an Agile Development House, through a fully versatile DevOps team; e-Mbizo has adopted an effective use of Kubernetes for our Continuous Integration (CI) and Continuous Delivery (CD) approach, which has been our niche.

The containerized development methodology is designed to create an automation environment for the entire end-to-end release process so that every change to the application results in a functional version that is built timely.

With this approach e-Mbizo's applications are built from a very early stage in the development process at specific frequent intervals or on every change checked in by the developers. This effectively eliminates the need for integration testing because the code is incrementally being integrated on a daily basis.

- Experienced and certified team.
- Customer-centric approach.
- Cutting-edge tools and technologies.
- Commitment to innovation and quality.



Fintech Solutions



AI Monitoring of Assets

01

AI-powered agent designed to transform remote video monitoring of critical assets e.g. ATMs, by providing proactive, autonomous incident processing rather than relying on traditional, human-monitored, reactive systems.



Banking as a Service

02

Next generation Banking Services to existing customers of non-banks our BaaS-platform for non-banks, such as fintechs, telcos, stokvels, churches, insurance brokers or ISPs to service the under/unbanked.



Performance Metrics

03

e-Mbizo is not only a technology platform provider for FinTechs, but a business partner helping clients capitalize on their customer base by offering financial services i.e closed payment loops, increasing the ARPU.

Software-as-a-Service (SaaS)

Essential online, cloud-based tools to maximize effectiveness and avoid costly software licensing.

 CRM



Empower teams with a simple system that boosts customer relationships, improves sales flow, and gives clear insight into every interaction.

 Warehousing



Our warehousing platform gives clients a simple, connected system that keeps stock organized, boosts efficiency, and supports smooth day-to-day operations.

 e-Learning (LMS)



an easy learning hub that organizes training, boosts engagement, and shows real progress. Define specific metrics that track progress toward desired outcomes.

 HRM



Our HRM platform gives clients a simple online system that streamlines people management and keeps everyone connected.

 Legal (Coming Soon)



Our legal platform offers a simple, connected way for clients to manage documents, track cases, and stay compliant without added complexity.

 AMC (Coming Soon)



Our AMC platform helps clients stay organized with clear service timelines, easy tracking, and smooth end-to-end maintenance management. Avoid complex frameworks that confuse teams and slow down progress.

 Invoicing



Our invoicing platform gives clients a simple way to create, send, and track invoices so payments stay clear and on time.

 Field Resource Tracking



Our platform gives teams a clear way to track field work in real time, helping them stay organized and improve job completion. Schedule regular assessments to evaluate performance and make improvements.

 Project Management



Our project management platform brings all tasks, teams, and timelines into one simple space so clients can plan work clearly and keep projects moving. Schedule regular assessments to evaluate performance and make improvements.

Digital Government and Smart Cities

An advanced agile and dynamic data gathering and analytic platform. e-Mbizo introduces new generation of Information and Communications Technology for unified measurement, monitoring, analysis and benchmarking of complex dynamic systems, processes and objects in near real time.

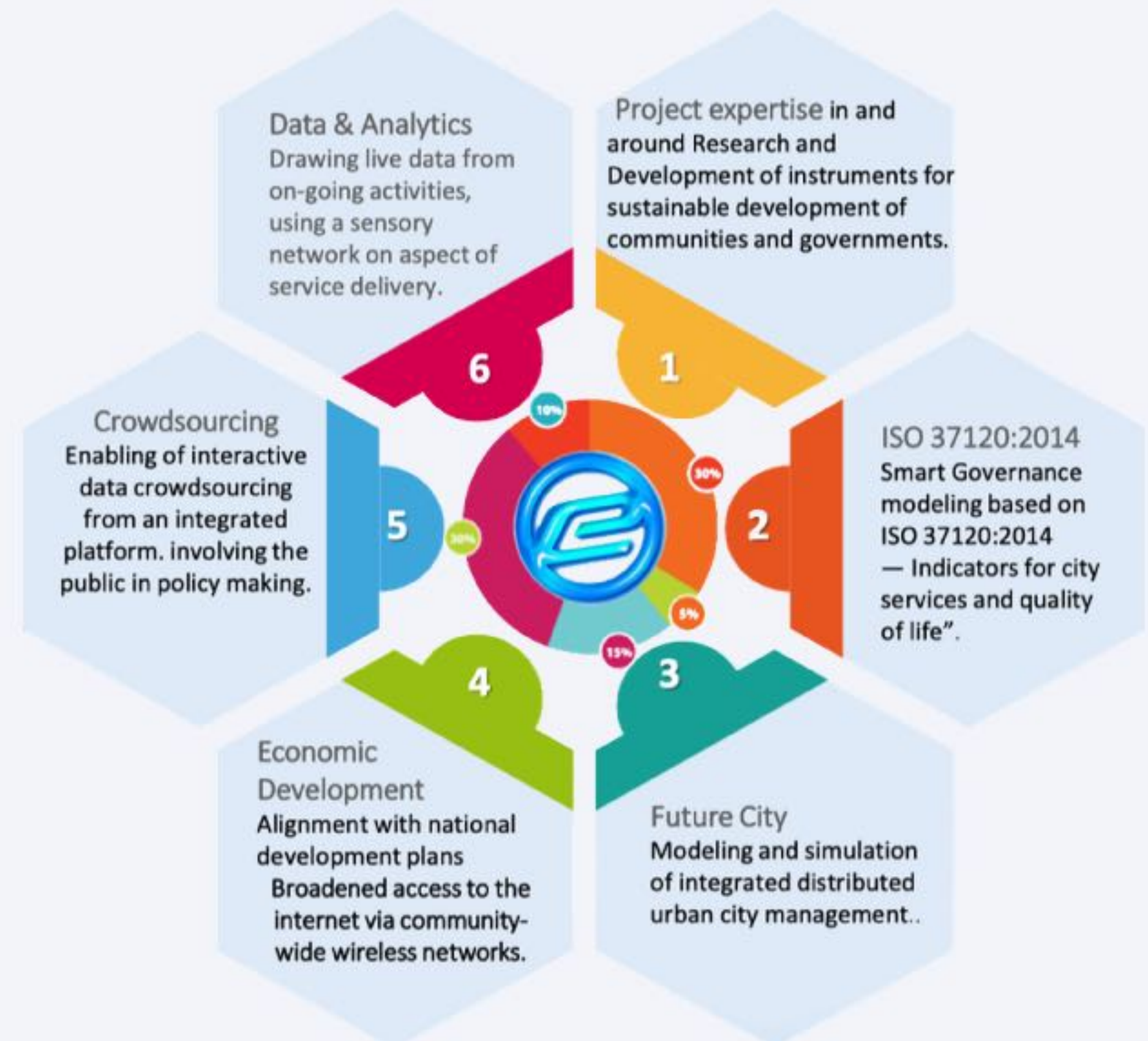
Its unique flexibility and adaptability to ever-changing requirements along with high level of customization allow supporting variety of innovative applications in local government and municipalities.

e-Mbizo's municipal next generation-driven smart city solutions are also aimed at creating a base for sustainable economic development, through ICTs and incorporating public citizens. Using Diverse data sources that allow provision of raw information about change processes in communities.

Our municipal networking capabilities can be deployed in governments globally. Supporting secure knowledge management, ensuring ongoing processes, enabling understanding of trends and response options while being adaptive to change and possible threats.

- Local Governance for Municipalities and broader Public Services (including budget spending, service quality monitoring, partnerships, emergency services, health service quality, safety and security, water supply, energy supply, road maintenance, housing, etc)

- Operations of Regional administrations (development of regional economics, employment and training, supply of basic goods, education, transportation infrastructure, communication infrastructure, protection of nature, industrial services and trade, sports and recreation, gender equality, vulnerabilities, poverty, cultural and historic heritage, etc)

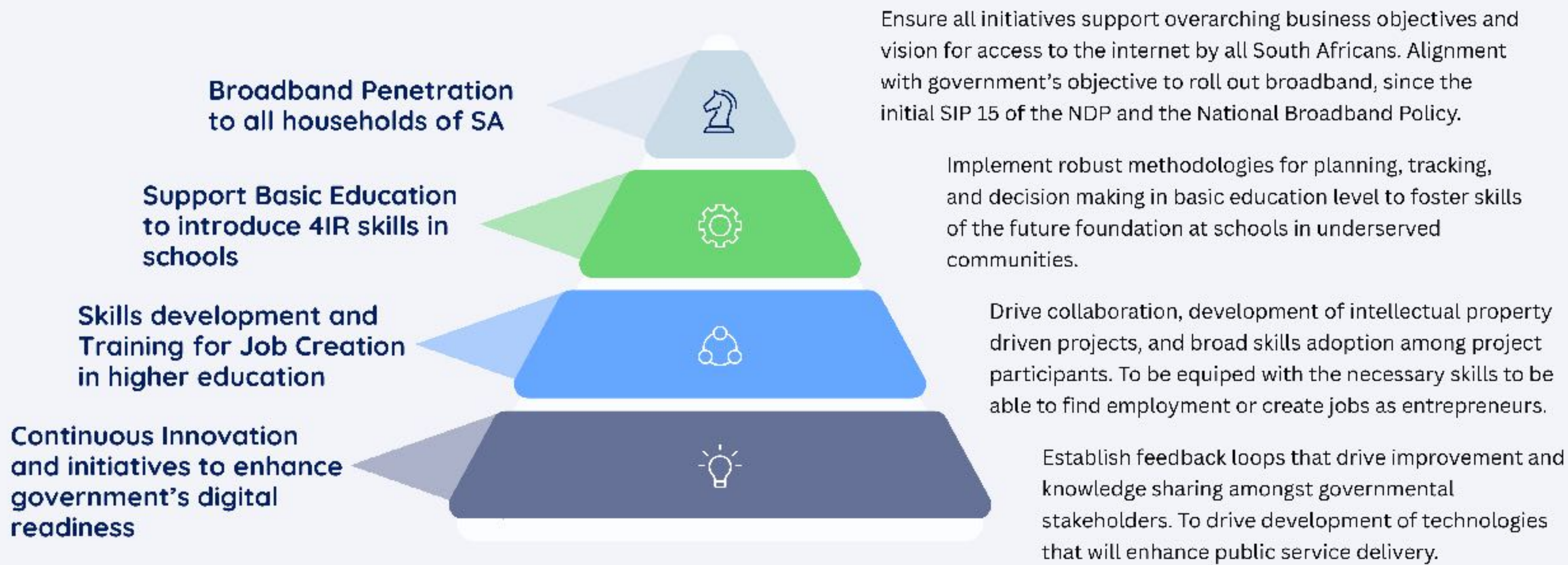


Our Priorities for Government “The 4 E’s”

Our digital priorities centre on the 4 Es: building a stronger economy, improving public services through technology, supporting growing businesses, and creating meaningful work.



Government Aligned



Digital Government and Smart Cities

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People

People are at the center of e-government, and e-Mbizo helps them engage through clearer communication, faster access to information, and easier participation in community matters.

Processes

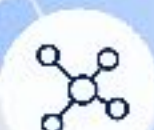
Processes keep services running in an orderly way, and e-Mbizo improves them by removing delays, reducing manual tasks, and making each step easier to follow.

Technology

Technology drives digital public services, and e-Mbizo strengthens this by bringing real-time data, smart monitoring, and clear insights that help local governments deliver faster and more transparent services.

Resources

Resources cover the tools, data, and support needed for smooth digital services. e-Mbizo brings these together in one place, helping teams work faster, share information easily, and make better decisions.





Digital Government and e-Health

e-Mbizo Smart Health Platform: Solution Overview

e-Mbizo Solutions provides a comprehensive, cloud-based operating platform engineered to address the unique operational, compliance, and safety challenges of modern healthcare facilities. The e-Mbizo platform transforms disparate building systems and IoT data into a unified source of truth, enabling data-driven decisions that enhance patient care, ensure regulatory compliance, and optimize operational efficiency.

1. Core Value Proposition

e-Mbizo empowers healthcare organizations to move from reactive, manual operations to proactive, intelligence-driven management. By providing real-time visibility and control over critical environmental conditions and equipment performance across an entire portfolio of facilities, it directly supports the primary goals of patient safety, clinical efficacy, and operational resilience.

2. Key Challenges Addressed

- **Ensuring Clinical Compliance:** Automating the monitoring of strict environmental parameters (temperature, humidity, pressure, airflow) in ORs, pharmacies, labs, and cleanrooms.
- **Mitigating Operational Risk:** Proactively identifying equipment faults and environmental deviations before they impact patient care or cause downtime.
- **Managing Complexity at Scale:** Centralizing control and gaining consistent insights across multiple buildings and geographically dispersed locations.
- **Optimizing Resource Utilization:** Using data to improve the use of patient rooms, streamline staff workflows, and prioritize maintenance efforts.

Digital Government and Smart Cities





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Let's Create the Future Together

Partnering to design transformative technologies that
shape a brighter and more connected future.

