



# KUKUMA

ADVANCED TECHNOLOGIES



C O R P O R A T E   P R O F I L E   |   2 0 2 5

# ABOUT US

Kukuma Advanced Technologies is Africa's pioneering applied AI company, engineering intelligent systems for businesses.

We combine AI, hardware, and automation to transform industries and governments with measurable, on-the-ground efficiency.

From FinTech and manufacturing to government infrastructure and agriculture, we deliver solutions that actually work—not buzzwords.

## OUR VISION

To drive astronomical efficiency by harnessing applied AI and hardware innovation.

## OUR MISSION

To be the ultimate AI solutions provider—delivering real, measurable transformation for industries, governments, and societies worldwide.

## OUR MISSION

- Innovation
- Impact
- Scalability
- Ethics
- Partnership

# OUR B2B FOCUS

At Kukuma, we are a business-to-business (B2B) organization. Our solutions are not for individual consumers but for enterprises, institutions, and government bodies looking to solve complex, real-world problems.

We partner with our clients to deliver technology that drives efficiency, profitability, and operational excellence at scale.



# OUR SOLUTIONS

## 01 | VIDEO-BASED TECHNOLOGIES

We bring human-level awareness to camera systems at scale, leveraging AI to unlock visual intelligence for business and organizational impact.

Our solutions go beyond surveillance to optimize operations, enhance safety, and generate actionable insights across diverse sectors.



### XVSN - Visual Intelligence for Safer Cities & Smarter Infrastructure

- Real-time video analytics
- Edge AI + Cloud integration
- Human-level awareness at scale

Our flagship AI-powered computer vision platform for real-time video analytics. It solves the problem of traditional surveillance systems lacking real-time intelligence by bringing human-level awareness to camera systems at scale. It features real-time video analytics, edge AI and cloud integration, and versatile deployment for use cases like public safety, workplace safety, and retail.

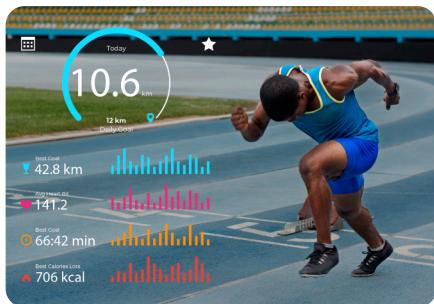
# OUR SOLUTIONS

## 01 | VIDEO-BASED TECHNOLOGIES

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### Automated Sports Analytics

AI analyzes game footage for deep insights on team formations, strategies, and opponent weaknesses.



### Crop & Livestock Monitoring

Drones or cameras monitor farmlands for early signs of stress and pest attacks, track crop growth, and predict harvest times.

### Manufacturing & Quality Control

Video analytics detects defects and inconsistencies on a production line in real-time.



# OUR SOLUTIONS

## 01 | VIDEO-BASED TECHNOLOGIES

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### Mining & Industrial Safety

Computer vision is used for safety monitoring and predictive maintenance of equipment.



### Logistics & Supply Chain Optimization

AI-powered video analytics automates manual processes like inventory checks and dock scheduling.

### Healthcare Patient & Facility Monitoring

Video systems improve patient safety by detecting falls and monitoring for security issues in hospitals.



# OUR SOLUTIONS

## 01 | VIDEO-BASED TECHNOLOGIES

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### Queue & Visitor Management Tech

AI-enabled systems streamline customer flow and improve service efficiency for businesses.



# OUR SOLUTIONS

## 02 | FINTECH

Our intelligent fintech solutions use AI and automation to optimize digital transactions, financial risk management, and personalized banking services, solving critical challenges for businesses in the digital finance space.

### PentaPay - AI-Driven Digital Finance & Transaction Intelligence

- Advanced fraud detection & prevention
- Intelligent transaction routing
- Behavioral financial analytics

Our intelligent AI-powered platform for fraud detection, intelligent routing, and behavioral financial analytics. It is designed to solve challenges related to fraud, inefficient routing, and a lack of actionable insights in the digital finance space.



# OUR SOLUTIONS

## 02 | FINTECH

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### AI Credit Scoring & Lending

AI analyzes game footage for deep insights on team formations, strategies, and opponent weaknesses.



### Personalized Financial Advice & Robo-Advisors

AI acts as a personal financial advisor and automatically manages investment portfolios based on user goals.

### Risk Management & Compliance

AI monitors and assesses a wide range of financial risks in real-time, ensuring compliance.



# OUR SOLUTIONS

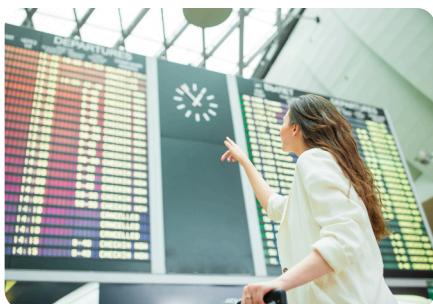
## 03 | AV & IMMERSIVE EXPERIENCES

We create fully integrated, high-impact spaces that combine audio, visual, and digital technologies to deliver memorable, future-ready environments for your business or institution.



### LED Walls & Digital Signage

Large-format displays for real-time communication, advertising, and storytelling.



### Multi-Screen Video Walls

High-impact visual installations with seamless content control.

# OUR SOLUTIONS

## 03 | AV & IMMERSIVE EXPERIENCES

### Projection Systems & AR Integration

Advanced projection mapping and augmented reality layers for memorable brand experiences.



### Sound Systems & Acoustics

Professional-grade audio design and acoustic treatments for optimal clarity.

### Interactive Kiosks & Touch Tables

Smart, self-service solutions that enhance customer engagement.



# OUR SOLUTIONS

## 03 | AV & IMMERSIVE EXPERIENCES

### Smart Lighting & Control Systems

Intelligent lighting integrated with sensors and automation.



### Immersive Experience Zones

Fully integrated spaces combining AV, digital, and physical design.



# OUR SOLUTIONS

## 04 | BUSINESS MANAGEMENT TOOLS

Our AI-powered business management solutions are designed to optimize core enterprise functions, from human resources to supply chain, delivering astronomical efficiency and data-driven insights for your entire organization through designated AI Agents for each task.



### AI for Enterprise Resource Planning (ERP)

Uses AI for predictive analytics, process automation, and real-time insights to streamline core business operations like finance, manufacturing, and supply chain.



### AI for Customer Relationship Management (CRM)

Leverages AI to personalize customer interactions, automate lead scoring, and provide real-time insights for sales and marketing teams.

# OUR SOLUTIONS

## 04 | BUSINESS MANAGEMENT TOOLS

### AI for Business Intelligence & Data Analytics

Automates data processing and analysis to reveal hidden trends and patterns, making data accessible to non-technical users and improving forecasting accuracy.



### AI for Human Resources (HR)

Automates routine tasks like candidate screening and scheduling, uses predictive analytics for talent retention, and provides personalized support for employees.



# OUR SOLUTIONS

## CUSTOM SOLUTIONS

We understand that every challenge is unique. That's why we offer the ability to build bespoke solutions for clients who require services that do not fit into the standard offerings.

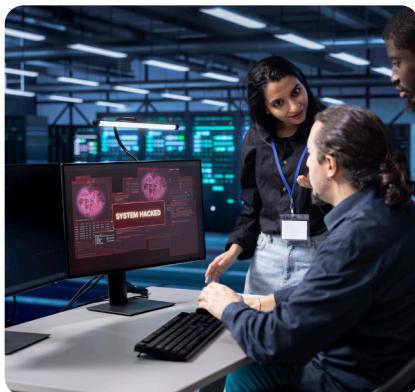
By combining and adapting our existing technologies, we can engineer custom, practical applications to solve even the most complex, real-world problems.



## CYBER SECURITY & DATA PROTECTION CONSULTANCY

We provide specialized consultancy to safeguard your business's critical data and AI infrastructure.

Our experts guide you through implementing proactive threat intelligence, risk assessments, and regulatory compliance to ensure the integrity and resilience of your operations.



We help you stay ahead of evolving cyber threats and protect your most valuable assets, ensuring business continuity and peace of mind.

# THE TEAM

Kukuma Advanced Technology is driven by a team of dedicated experts in AI research and development. Our leadership includes seasoned professionals with extensive experience in machine learning, data science, edge computing, and automation, ensuring continuous innovation and successful deployment of our technologies.



**Artwell Nguruve**  
**Chief Executive Officer**



**Janet Sawari**  
**Technology Officer**



**Isaac Wisikoti**  
**Operations Director**



**Tinotenda Mtana**  
**Data Analyst**

# WHY CHOOSE KUKUMA?

## **AI That Works**

Tested and proven in real environments.

## **Astronomical Efficiency**

Direct cost savings, reduced risks, improved uptime.

## **Africa-Tested, Globally Ready**

Built to thrive in challenging conditions.

## **Trust & Transparency**

Ethical AI, designed with compliance at its core.

## **Scalable Solutions**

From single facilities to national-scale deployments.



We are not just selling software—we are delivering intelligent solutions that transform the way you do business.

Whether you want to enhance security, optimize operations, or ensure compliance, we have the tools and expertise to help you succeed.



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