KENAC
COMPUTER SYSTEMS

DATA CENTRE & CLOUD INFRASTRUCTURE SERVICES

1. Infrastructure as a Service (IaaS) – For Both Primary and DR Environments

Kenac's IaaS offering enables businesses to access powerful computing resources without the capital expenditure of owning and maintaining physical hardware. Whether you're looking to host mission-critical applications, websites, or databases, our cloud infrastructure provides:

• **High-performance virtual machines** with flexible CPU, memory, and storage configurations.

• **Seamless scalability** to match your workload requirements in real time.

• Redundant systems and geo-redundancy between primary and DR sites to ensure business continuity.

• **Self-service portals** and APIs for agile deployment and management.

• Enterprise-grade **security and compliance** protocols.

This service is ideal for companies that want to avoid infrastructure overhead while maintaining complete control over their IT environments.

2. Colocation Services – For Both Primary and DR Environments

Our colocation service allows organizations to host their own physical servers and equipment in our secure and professionally managed data centres. By leveraging our facility, businesses gain:

• **Access to a reliable, 24/7 monitored environment** with biometric security and fire suppression systems.

• **Robust power solutions,** including UPS and backup generators, to eliminate downtime due to power failure.

• **Precision cooling systems** to maintain optimal operating conditions for hardware.

• **Direct connectivity options** to major carriers and cloud providers.

• The ability to maintain **control and ownership** of hardware while reducing the burden of managing physical infrastructure.

Ideal for businesses with compliance or data sovereignty needs, this service provides all the benefits of a professional data centre without the associated build and maintenance costs.

KENAC COMPUTER SYSTEMS

3. Development and Quality Assurance Environments with CI/CD Pipeline Management

Kenac offers ready-to-use development and QA environments that empower software teams to innovate faster and release with confidence. Our platforms support:

• Pre-configured **sandbox environments** tailored for development, testing, staging, or user acceptance.

• Full **CI/CD pipeline integration**, enabling automated build, test, and deployment cycles.

• Support for leading DevOps tools and frameworks to streamline your workflows.

• **Version control integration**, code quality checks, and collaboration features for distributed teams.

• Scalable compute and storage resources to support large and complex test cases.

Whether you're launching a new application or managing iterative updates, our environments reduce time to market and improve software quality through automation and consistency.

Kenac's Infrastructure Advantages

• World-Class Facility

• High Uptime Guarantee

• Customizable Services

• Expert Support

• Disaster Recovery Assurance

• Security and Compliance

Let Kenac Computer Systems be your trusted partner in digital transformation. With our advanced data centre and cloud infrastructure offerings, we're ready to power your next innovation.

CONTACT US

sales@kenac.co.zw.

DATA MANAGEMENT & ANALYTICS SERVICES

KENAC COMPUTER SYSTEMS

Kenac Computer Systems specializes in data management and analytics services. We design and implement robust data warehousing solutions and offer comprehensive data ingestion services. Our expertise extends to data mining, data modeling, and data visualization, providing end-to-end support for your data journey.

In addition to our proprietary Kenac solution, we are a proud partner of Cloudera. This partnership allows us to deliver, implement, and maintain Cloudera's full suite of data management products. We also offer professional services to build and deploy analytical models on the Cloudera platform.

Clients have the flexibility to go fully analytical using either our **Kenac proprietary tools** or the **Cloudera platform**—or they may choose to consult us to assess their environment and recommend the most suitable, scalable solution for their needs.

CLOUDERA PRODUCT SUITE

Cloudera Data Platform (CDP)

Unified platform for managing, analyzing, and securing data across hybrid cloud environments.

Cloudera Data Warehouse (CDW)

Delivers high-performance SQL analytics and BI at scale.

Cloudera DataFlow (CDF)

Supports real-time streaming data analytics and complex event processing.

Cloudera Management Console

Centralized governance, security, and monitoring for the entire data platform.

Cloudera Data Engineering (CDE)

Enables fast, reliable data pipeline development using Apache Spark.

Cloudera Machine Learning (CML)

Streamlines end-to-end machine learning lifecycle with collaborative tools.

Cloudera Operational Database (COD)

Powers real-time applications with low-latency data access.

CLOUDERA

KENAC

KENAC ANALYTICS SOLUTIONS BY INDUSTRY

1 Telecommunication Operators

- Churn prediction and customer retention modeling.
- Real-time network performance monitoring and fault detection.
- Revenue assurance through fraud detection analytics.
- Location-based service personalization.
- Customer segmentation for targeted marketing.

2 Financial Institutions

- Credit risk scoring and loan default prediction.
- Fraud detection in real-time transactions.
- AML (Anti-Money Laundering) pattern recognition.
- Customer 360° view for personalized financial products.
- Regulatory compliance and audit analytics.

3 Mining Sector

- Predictive maintenance for heavy equipment and machinery.
- Environmental impact monitoring using sensor data.
- Ore grade prediction and resource optimization.
- Worker safety analytics through IoT integration.
- Cost control and efficiency analytics for operations.

4 Manufacturing Sector

- Production line monitoring and downtime analysis.
- Supply chain optimization and demand forecasting.
- Quality control using anomaly detection.
- Energy usage and cost reduction analytics.
- Predictive analytics for inventory and logistics.

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CYBER SECURITY & GOVERNANCE SERVICE

Kenac Computer Systems boasts a dedicated Cyber Security and Governance team that delivers expert consultancy services tailored to meet the evolving security needs of modern organizations. Our highly trained and experienced professionals specialize in the sale, deployment, and support of leading-edge cybersecurity solutions. Our portfolio includes top-tier technologies such as-:

1. IBM Guardium

Provides real-time data activity monitoring and auditing for databases, big data environments, and cloud services. Helps organizations discover sensitive data, monitor access, and ensure compliance with regulations like GDPR, HIPAA, and PCI-DSS.

2. IBM QRadar

A powerful SIEM platform that collects, normalizes, and analyzes security data from across the enterprise. It helps detect, prioritize, and respond to threats in real time, making it ideal for SOC teams and compliance-driven organizations

3. IBM MaasS360

A unified endpoint management (UEM) platform for securing and managing smartphones, tablets, laptops, and IoT devices. It enables IT teams to enforce security policies, deploy apps, and monitor endpoints remotely across diverse environments.

4. Darktrace NDR (Network Detection and Response)

Uses self-learning AI to detect, investigate, and respond to cyber threats across enterprise networks in real time. It's ideal for identifying novel or insider threats that traditional tools might miss.

5. Darktrace Email Security

Provides AI-powered protection against email-borne threats including phishing, business email compromise, and account takeover. It continuously learns user behavior to adapt and stop sophisticated attacks.

6 . KnowBe4 Security Awareness Platform

Offers simulated phishing attacks and training modules to educate employees on cybersecurity best practices. Reduces human error and builds a security-aware culture within organizations of all sizes.

7 . Kaspersky NEXR EDR

Delivers endpoint detection and response with deep visibility, threat hunting, and automated response capabilities. Suitable for organizations looking to strengthen their endpoint defenses against complex attacks.

8 . Barracuda WAF (Web Application Firewall)

Protects websites and APIs from OWASP Top 10 threats, DDoS, and zero-day vulnerabilities. Ideal for organizations running web applications that require robust, cloud-integrated protection.

9 . Trend Micro EDR

Provides advanced threat detection and response across endpoints, using machine learning and behavior analysis. Helps security teams investigate, contain, and remediate incidents efficiently.

10 . Fortinet Solutions (FortSIEM, FortEDR, FortDLP)

A comprehensive security suite offering SIEM, endpoint protection, and data loss prevention. Enables unified visibility, threat intelligence, and automated response across the network and devices.

11 . BeyondTrust PAM (Privileged Access Management)

Controls, audits, and secures access to privileged accounts and sensitive systems. Helps reduce insider threats and meet compliance requirements for industries with strict access control policies.

12 . CyberArk PAM

A robust identity security solution focused on privileged access. It manages credentials, enforces least privilege, and monitors user activity, suitable for high-security environments like finance, healthcare, and government.

13 . Qualys Patch Management

Enables automated detection, prioritization, and deployment of patches across on-premises and cloud environments. Helps organizations reduce vulnerability exposure and improve compliance readiness.

14 . Topia Patch Management

Offers risk-based patching with real-time vulnerability prioritization. Ideal for IT teams looking for lightweight and efficient patch automation across various operating systems and applications.

15 . Checkpoint Harmony Endpoint

A complete endpoint protection solution combining antivirus, anti-ransomware, firewall, and threat emulation. Designed for businesses seeking simplified yet powerful endpoint security.

With a comprehensive approach to cyber defense, **Kenac ensures** your organization stays secure, compliant, and resilient
End-to-End Security & Managed Services

KENAC COMPUTER SYSTEMS

In addition to our core solutions, we deliver complete protection through:

- **Managed Device & Application Services** – Proactive monitoring and maintenance of your IT infrastructure

- **24/7 Security Operations Center (SOC)** – Continuous threat detection and response

- **Data Protection & Compliance Consultancy** – Ensure adherence to GDPR, HIPAA and other regulatory frameworks with tailored governance strategies

- **Vulnerability Assessments & Penetration Testing (VAPT)** – Identify and remediate security gaps before exploitation

- **Comprehensive Security Reviews** – Risk assessments and compliance gap analysis

We transform security complexity into confidence – so you can focus on business growth.

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sales@kenac.co.zw.

LOAN
MATRIX

STRUCTURE YOUR LENDING. SIMPLIFY THE PROCESS.

KENAC COMPUTER SYSTEMS

Kenac LoanMatrix, developed by **Kenac Computer Systems**, is a powerful and scalable credit management platform designed specifically for Microfinance Institutions (MFIs) and banks. It offers a comprehensive end-to-end solution that streamlines all facets of the lending lifecycle empowering financial institutions to efficiently manage credit operations, mitigate risk, and serve clients better.

Key Features and Functionalities

Kenac LoanMatrix provides a wide array of integrated functionalities to support the full credit management process:

1

Product Creation and Maintenance
Customize and manage diverse loan products with flexible parameters.

2

Chart of Accounts Setup
Define financial structures and integrate seamlessly with accounting systems.

3

Client Onboarding and Management
Capture and manage detailed client profiles with robust KYC compliance.

4

Loan Application Processing
Digitize the loan request process with customizable application workflows.

5

Approval Workflows Multi-level
approval mechanisms for secure and efficient decision-making.

6

Loan Disbursements
Fast, accurate disbursement of funds via integrated payment channels.

7

Repayment Scheduling and Processing
Automated repayments tracking with support for multiple payment frequencies.

8

Interest Accruals
Accurate real-time interest calculations based on institution-define rules.

9

Client Statements
On-demand, easy-to-understand account summaries and transaction history.

10

Journal Posting and Accounting
Built-in accounting module for transaction recording and financial reconciliation.

11

Past Due Management and Risk
Monitoring Tools for delinquency tracking, risk segmentation, and recovery workflows.
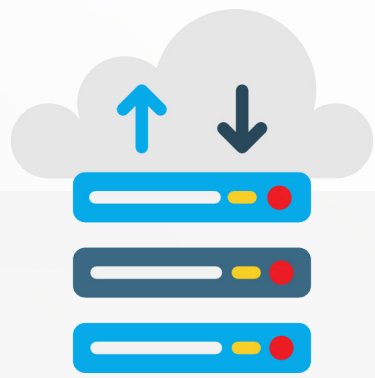
12

Comprehensive Reporting
Generate regulatory, operational, and performance reports for informed decision-making.
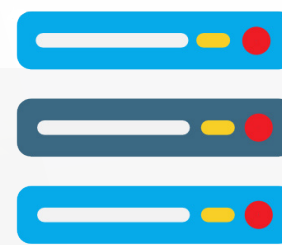
Deployment Options

Kenac LoanMatrix offers deployment flexibility to meet the needs of institutions of various sizes:

Cloud-Based SaaS Model

Hosted on Kenac's world-class data center infrastructure, this option is available on a competitively priced monthly subscription, offering scalability, data security, and minimal IT overhead.

On-Premises Installation

Designed for larger institutions with in-house infrastructure and compliance requirements. This model is offered as an outright purchase with tailored implementation.

In both models, clients benefit from Kenac's unmatched professional services and responsive technical support.

Implementation & Support

Kenac LoanMatrix is built for rapid deployment with minimal disruption. Our standardized data migration templates and structured onboarding process ensure a smooth and efficient transition from legacy systems. Each implementation is led by a dedicated team of project managers, engineers, and support personnel to handle:

- System Configuration
- Data Migration
- Testing & User Acceptance
- Parallel Run & Go-Live Support

We also offer the solution on a **Proof-of-Concept (PoC)** basis to allow potential clients to evaluate system performance, compatibility, and value before full-scale implementation.

Why Choose Kenac LoanMatrix?

- Proven performance across institutions of varying scale

- Full-featured, modular, and adaptable to your operations

- Backed by a skilled team with decades of industry experience

- Local support and strategic advisory services

- Future-ready with regular feature enhancements

KENAC
COMPUTER SYSTEMS

LOAN
MATRIX

STRUCTURE YOUR LENDING. SIMPLIFY THE PROCESS.

TAKE THE NEXT STEP TOWARD TRANSFORMING YOUR CREDIT MANAGEMENT OPERATIONS.

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KENAC

CUSTOM
SOFTWARE
DEVELOPMENT

Helping You To Digitalise Your Business with Custom Software Solutions

At **Kenac Computer Systems**, we specialize in providing **bespoke software development services** to corporate clients across a wide range of industries. Our expertise in leveraging the latest technologies and tools enables us to **design mission-critical, OS-agnostic solutions** that meet the specific needs of your business, automating processes across the entire value chain.

Our Expertise:

With a dedicated team of **experienced Software Engineers**, we are committed to delivering high-quality, scalable, and efficient solutions. We understand the complexity of modern businesses and the need for systems that not only integrate seamlessly with your existing infrastructure but also **enhance overall performance**. Whether you're looking to optimize operations, streamline workflows, or manage resources more effectively, our custom-built software solutions are designed to drive success.

Our Approach:

We take a **collaborative approach** to software development, working closely with you to understand your goals, challenges, and unique requirements. Using **advanced technology stacks** and development tools, we create solutions that are both **flexible and future-proof**, capable of adapting to the ever-changing landscape of business and technology.

Why Choose Kenac Computer Systems?

- **OS-Agnostic Solutions:** Our software is designed to run seamlessly across different platforms, ensuring compatibility and flexibility.
- **Customized to Your Needs:** We tailor our solutions to fit your unique business processes and objectives.
- **Scalable and Robust:** Our mission-critical software is built to grow alongside your business and perform under pressure.
- **Experienced Team:** Our Software Engineers bring a wealth of knowledge and industry expertise to every project.

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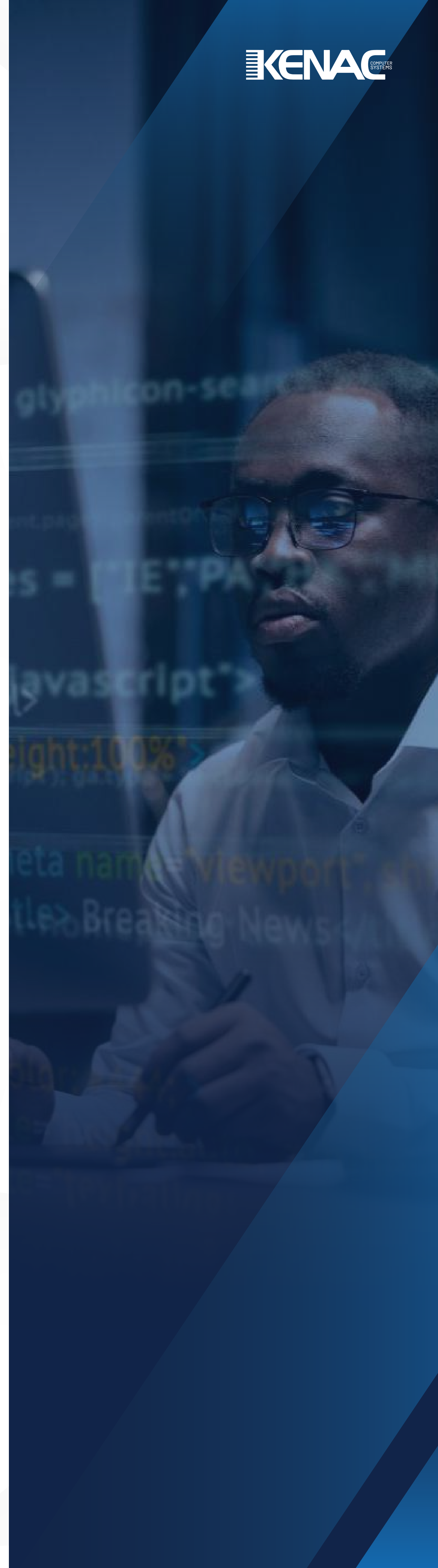
Key Services

01 Enterprise Software Development.

02 Business Process Automation

03 Custom Web & Mobile Applications
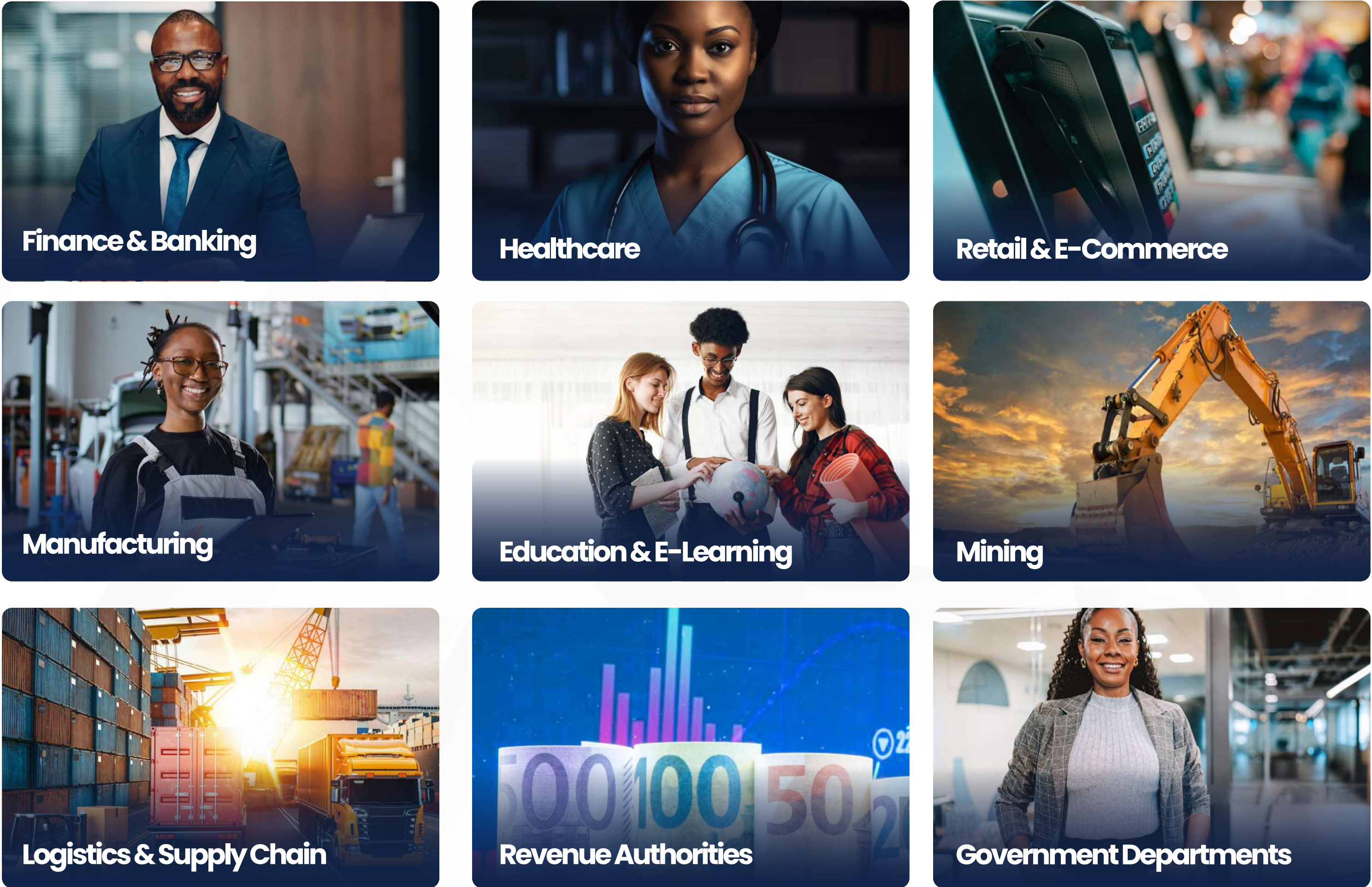
04 System Integrations

05 Data Warehousing Solutions

06 Data Management & Analytics

07 Cloud-Based Solutions

08 Digital Transformation consultancy Services

Industries We Serve

Finance & Banking

Healthcare

Retail & E-Commerce

Manufacturing

Education & E-Learning

Mining

Logistics & Supply Chain

Revenue Authorities

Government Departments

KENAC COMPUTER SYSTEMS

Transform Your Business Today:

In today's fast-paced business environment, staying ahead of the competition requires agile and efficient solutions. Kenac Computer Systems is here to partner with you in driving innovation, improving productivity, and achieving long-term success.

To learn more about how we can help your organization automate and optimize its value chain with custom software solutions

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KENAC COMPUTER SYSTEMS

Your Trusted Partner in Digital Transformation.

IBM SOFTWARE SOLUTIONS

KENAC COMPUTER SYSTEMS

As an accredited IBM retailer and licensing partner, **Kenac Computer Systems** delivers robust enterprise software solutions powered by IBM's world-class technologies. Our Professional Services division enhances the value of these platforms by building tailored applications that align with each client's unique operational needs.
We specialise in the following IBM software solutions:

1. IBM Cloud Pack for Business Automation V2

Purpose: Streamline, automate, and optimize business processes.

Use Cases:

- Digitising paper-based workflows
- Automating document processing
- Enhancing case management
- Integrating AI to drive operational insights

Ideal for organizations aiming to reduce manual processes and accelerate digital transformation.

2. Watson.ai Generative AI Models – Sales Foundation

Purpose: Leverage cutting-edge AI to generate content, insights, and business intelligence.

Use Cases:

- Natural language processing for chatbots and virtual assistants
- AI-driven customer support and service automation
- Generating business reports and summarizing documents
- Personalized marketing content creation

Best suited for customer-centric businesses looking to boost productivity through AI.

3. SPSS Statistics

Purpose: Advanced statistical analysis for research and decision-making.

Use Cases:

- Academic and market research
- Predictive modeling and forecasting
- Healthcare and clinical trial analysis
- Social science and behavioral research.

Essential for data analysts, researchers, and policy makers.

4. Data Integration

Purpose: Unify and manage data across multiple sources and platforms.

Use Cases:

- Real-time and batch data integration
- ETL (Extract, Transform, Load) processes
- Data migration and synchronization
- Enabling enterprise data lakes

Perfect for businesses with complex data environments and multi-source analytics.

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5. WebMethods Integration

webMethods
Integration
IBM

IT Automation & App
Modernization
Sales Foundation

Purpose: Enable seamless integration across systems, apps, and data sources.

Use Cases:

• ERP and CRM system integration

• Streamlining supply chain workflows

• B2B partner connectivity

• IoT device integration

Ideal for large enterprises with diverse tech ecosystems.

6. WebMethods API Management

webMethods
API Management
IBM

IT Automation & App
Modernization
Sales Foundation

Purpose: Securely manage and scale APIs across the enterprise.

Use Cases:

• Monetizing APIs

• Enforcing API access control and rate limiting

• Developer portal creation

• API lifecycle management

Designed for tech-forward businesses building open ecosystems.

7. Guardium Data Protection

Guardium
Data
Protection
IBM

IBM Security
Technical Sales Advanced

Purpose: Ensure data security and compliance across environments.

Use Cases:

• Real-time activity monitoring

• Vulnerability detection and risk analysis

• Data encryption and masking

• Regulatory compliance (GDPR, HIPAA, etc.)

*A critical solution for industries handling sensitive or regulated data.*

8. Verify Identity Protection

Verify
Identity
Protection
IBM

IBM Security
Technical Sales Intermediate

Purpose: Strengthen identity governance and access control.

Use Cases:

• Role-based access control (RBAC)

• Multi-factor authentication (MFA)

• Identity lifecycle management

• Insider threat detection

Ideal for organizations prioritizing cybersecurity and compliance.

9. MaaS360 Mobile Security & Management

MaaS360
Mobile
Security and
Management
IBM

IBM Security
Technical Sales Intermediate

Purpose: Manage and secure mobile devices, applications, and endpoints.

Use Cases:

• BYOD policy enforcement

• Secure containerized email and apps

• Remote device wiping and tracking

• Mobile threat defense

Empowers IT teams to manage mobile environments without compromising security.

10. Maximo Application Suite

Maximo
Application
Suite
Foundation
IBM

Sustainability Software
Foundational

Purpose: Asset performance and lifecycle management for critical infrastructure.

Use Cases:

• Predictive maintenance

• Asset tracking and monitoring

• Work order management

• Facility and energy management

Essential for utilities, manufacturing, oil & gas, and asset-intensive sectors.
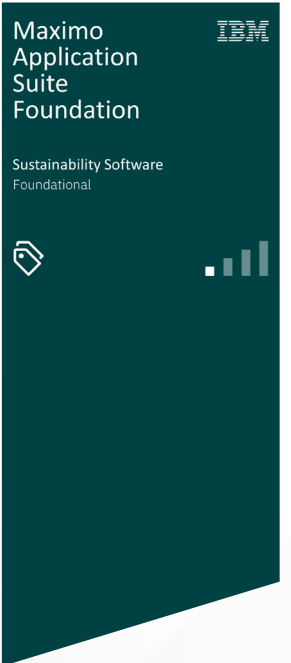
11. Instana

Purpose: Real-time application performance monitoring (APM) powered by AI.

Use Cases:

- Monitoring microservices and Kubernetes
- Detecting application bottlenecks
- Root cause analysis with AI assistance
- Visualizing application topologies

Designed for DevOps teams and enterprises deploying complex applications.

12. IBM DB2 Database Management Software

Purpose: High-performance, scalable, and secure relational database solution.

Use Cases:

- Mission-critical transactional systems
- Advanced analytics and machine learning integration
- Hybrid cloud data management
- Data warehousing and reporting

Trusted by global enterprises for decades of reliable data management.

Why Choose Kenac?

- Accredited IBM Licensing Partner
- Expert Professisjonal Services and Application Development
- Client-Centric Customization

- Industry-Specific Experience
- Scalable Enterprise Solutions
- Flexible After Sales Support
- IBM Software Training Servises

Start your digital transformation journey with Kenac Computer Systems.

CONTACT US

info@kenacsystems.com

KENAC
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DATA CENTRE
SERVICES- MUNICIPALS

Hosted Infrastructure Solution for Local
Authorities and Municipalities.

KENAC COMPUTER SYSTEMS

Hosted Infrastructure Solution for Local Authorities and Municipalities.

Empowering Local Authorities with Cost-Effective Cloud Infrastructure.

Kenac Computer Systems is proud to partner with local authorities and municipalities looking to embrace automation without the burden of upfront infrastructure investment. Recognising the financial constraints many public institutions face; we've built a world-class data centre designed to support the full infrastructure needs of both small and large municipalities.

Through our cloud-based model, municipalities can subscribe to our infrastructure and seamlessly host all their systems on our secure platform. This approach enables full digital connectivity across all ward and satellite offices, making services more accessible and efficient.

All that's needed is internet access at each workstation — and to make this even easier, Kenac can collaborate with trusted internet service providers to ensure reliable, high-speed connectivity for every branch and sub-office.

Our mission is to drive digital transformation for local government, removing barriers and unlocking new levels of efficiency, accessibility, and service delivery.

Here's how it works:

- No need for physical servers or complex installations. Instead, municipalities subscribe to our secure cloud infrastructure, giving them instant access to reliable computing power and storage.

- This setup connects all ward and satellite offices, making local government systems available anytime, anywhere — all that's needed is internet access at each workstation.

- To ensure smooth connectivity, **Kenac can partner with local Internet Service Providers** to deliver reliable, high-speed internet across all branches and sub-offices.

Benefits:

Accelerated Service Delivery
- Improved transparency, and better citizen engagement all without large capital expenditures.
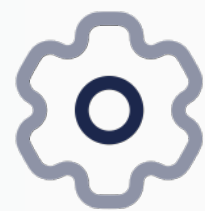
Simplified Infrastructure Management
- Reduced hardware maintenance, and scalable resources hosted in a secure environment.

Predictable Operational Costs
- Subscription-based costs aligned with operational budgets — no need for large upfront procurement.

Improved Accessibility Across Offices
- More accessible local government services delivered across all offices and departments.

The burden of periodic infrastructure refresh and equipment replacement is completely removed — Kenac takes care of all upgrades, ensuring your systems remain modern and reliable without additional cost or effort.

KENAC

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Kenac is your trusted partner in digital transformation.

We remove the technical and financial barriers so your teams can focus on delivering quality public services.

Reach out to our sales team on

sales@kenac.co.zw.