GenX
ENTERPRISE SOLUTIONS



THE GENX APPROACH

## OBSERVE

Conditions and signals

## DIAGNOSE

Cause and consequence

## ACT

A scoped remedy



# Protect the systems work depends on.

Intelligent digital monitoring, CCTV and alarms; data-centre and network delivery, technical assurance, custom systems, websites, apps and practical AI coaching.

# The IT proposition

Protect infrastructure and improve the work it supports. Intelligent digital protection, networks and technical assurance work alongside custom software, websites, apps and AI coaching.

**OUR STARTING POINT**

Intelligent digital CCTV, alarms and fire-hazard monitoring provide real-time alerts and remote access. AI-enabled features are available on selected systems. Maintain the network and prove recovery before it is needed.




01

## INTELLIGENT PROTECTION

Intelligent digital CCTV, smart alarms and fire-hazard monitoring, with real-time alerts, remote access and a defined response suited to the selected system.

02

## INFRASTRUCTURE

Assess, design, supply, install and commission server and network components by scoped project.

03

## ASSURANCE

Assess exposure and recoverability through authorised, bounded testing and documented findings.

DIGITAL DEVELOPMENT + AI

ERP, POS, websites, apps and useful automation. See the dedicated digital-services page.

DELIVERED WORK

# Evidence of delivery

The hospital projects establish experience in critical environments. They do not imply GenX has already delivered every IT service in this profile.

**38** GENERAL HOSPITAL LABORATORIES / 2025

**02** HOSPITAL SERVER ROOMS / 2026




APC NETBOTZ INSTALLATION / ILLUSTRATIVE SURROUNDING EQUIPMENT

## Laboratory monitoring

Wireless intelligent fire-hazard sensors covered laboratories, offices and corridors at 38 general hospitals nationwide. The work required specification consistency, installation coordination and local handover.

## Server-room environment

Intelligent digital environment monitoring installed at Harare Hospital and Mpilo Hospital laboratory server rooms provides real-time warnings of temperature, humidity and smoke conditions around IT equipment.

A new assignment defines sensor positions, client-approved thresholds, notification, escalation, acceptance tests and support arrangements. Its evidence and operating handover are agreed for that site.

# From sensor to response

Early warning protects a site only when measurement, decision and action are connected. This operating model is specified with each client.

**01**

## MEASURE

Intelligent digital sensors at agreed locations; device inventory and calibration/health checks.

**02**

## INTERPRET

Thresholds set with site and equipment requirements, not a universal guess.

**03**

## ALERT

Test real-time alerts, remote access, escalation and loss-of-signal conditions for the selected system.

**04**

## ACT

Name the person and response procedure for each class of event.

**05**

## REVIEW

Trend exceptions, nuisance alerts and unresolved incidents.



TEMPERATURE + HUMIDITY

AFTER THE SENSOR ALERT

01 Notify the responsible person

02 Acknowledge and investigate

03 Act, then record the outcome

Relevant engineering guidance addresses environmental conditions at IT equipment. Exact thresholds depend on equipment class and site design; ASHRAE guidance is a reference, not a GenX certification.

# Preventing infrastructure failure

Data-centre design and commissioning, server and network architecture, installation and ongoing infrastructure support, scoped to the organisation's requirements.

DISCOVER

## Estate and dependency assessment

Inventory compute, storage, switching, cabling, power and environment; map critical services and maintenance windows.

DESIGN

## Server and network architecture

Define capacity, segmentation, resilience, physical layout and a bill of materials appropriate to the site.

DELIVER

## Installation and commissioning

Stage equipment, install with change control, test links and failover assumptions, and record as-built configuration.

OPERATE

## Maintenance and lifecycle

Schedule preventive checks, firmware and replacement planning; keep an owner and escalation path for faults.

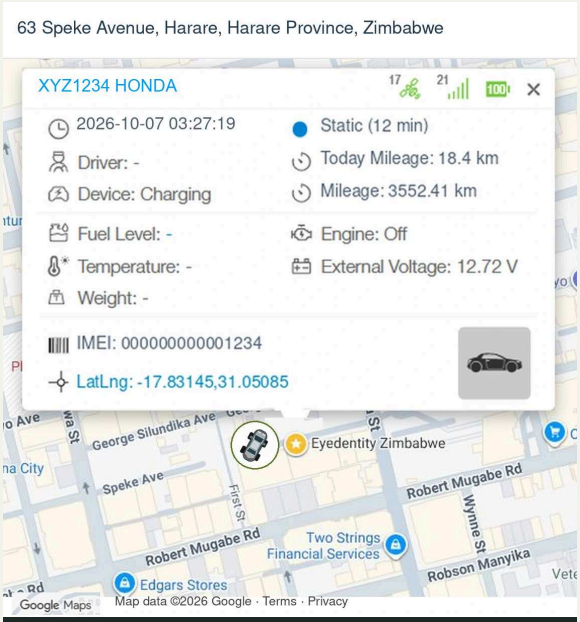


Every project begins with site access, design approval, dependencies and acceptance tests in writing.

ROAD SAFETY + TRANSPORT

# Know sooner.
# Respond with clearer information.

Vehicle misuse, risky driving and unexplained fuel losses put people, assets and margins at risk. We supply and install fleet technology around your vehicles, routes, connectivity and the people responsible for responding.




FLEET TRACKING / ILLUSTRATIVE DATA

## Start with the operating requirement

Vehicle type, routes and connectivity guide the equipment, installation and reporting we propose. Equipment selection, alerts, operating responsibilities, acceptance tests and handover are agreed for the engagement.

## Vehicle safety and fleet control

Speeding and unauthorised trips increase collision risk, repair costs and time off the road. GPS location history and agreed-area alerts help investigate vehicle use. Speed limiters, dash cams and remote immobilisers support vehicle safety and security.

## Fuel monitoring and loss alerts

Fuel theft, unrecorded refills and unexplained losses eat into operating margins. We monitor truck, fleet and generator levels and refill events, with unusual fuel-drop alerts to investigate discrepancies and plan refuelling.

## Driver monitoring systems

Fatigue and distraction can develop far from a supervisor. Driver-facing and facial/behaviour monitoring can identify yawning, fatigue, smoking and phone use, with in-cab warnings, reviewable events and panic buttons for assistance.

# Security and recovery

The offer is a scoped assessment and improvement path. Testing requires written authority, clear rules of engagement and a reporting route.

AUTHORISED SECURITY TESTING

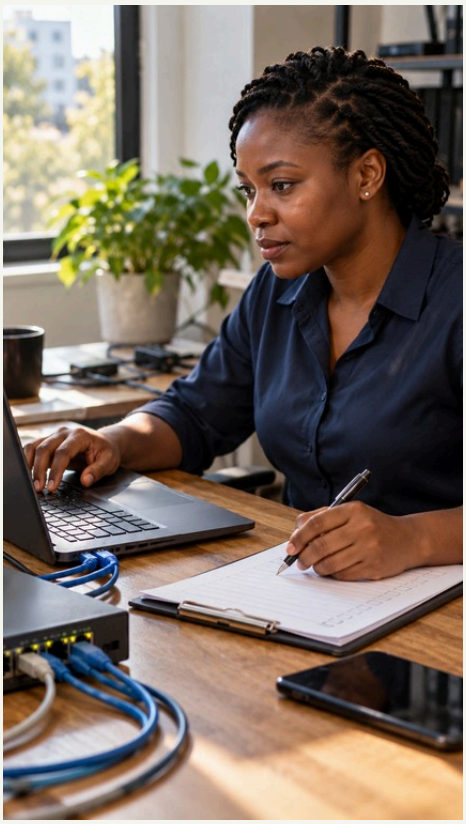
### Find exposure early

Agree systems, exclusions, timing and methods in writing. Report observed findings and remediation, then retest the agreed changes. A team member has performed penetration testing outside GenX.

BACKUP AND CONTINGENCY

### Prove recoverability

Identify critical services, review backup coverage and isolation, set recovery priorities and rehearse selected restores. A successful backup job alone does not prove recovery.



## Controls that make an assessment credible

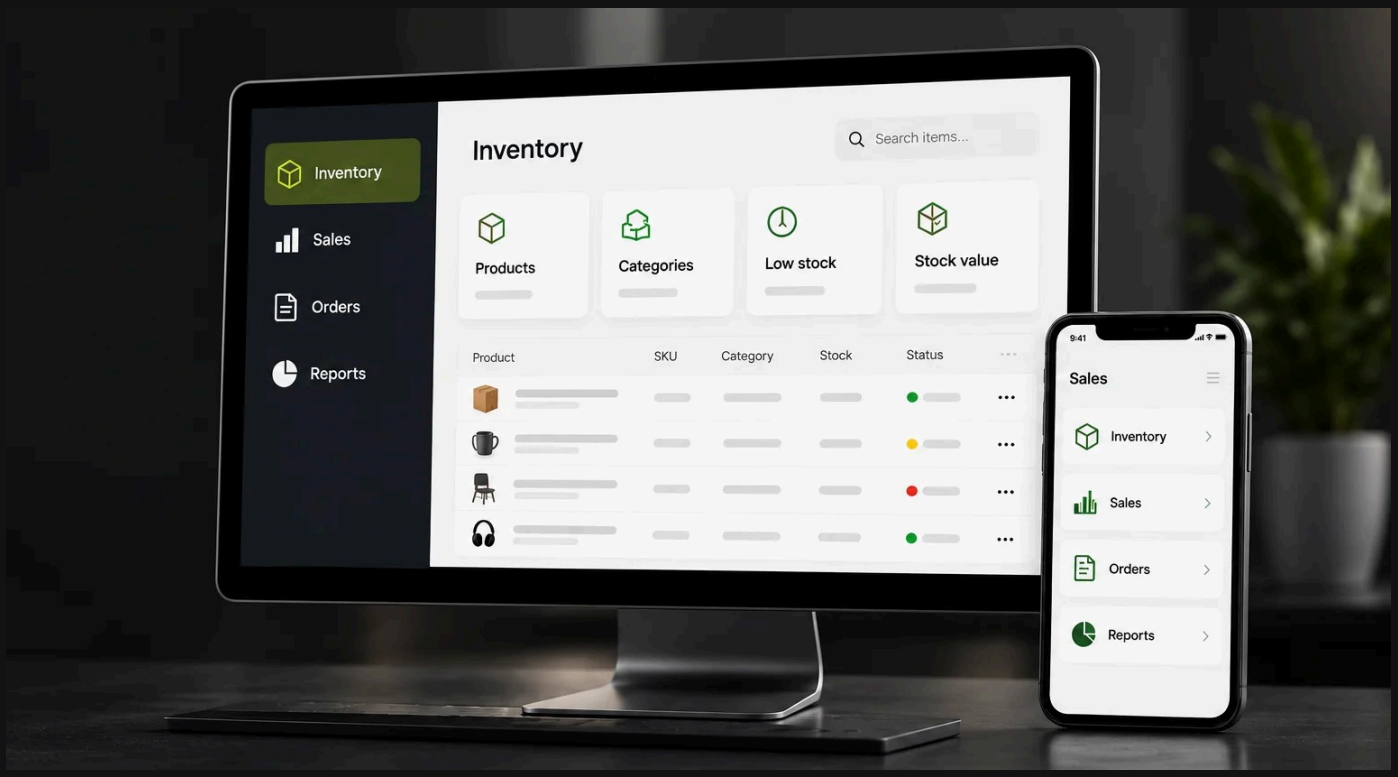
| | |
|---|---|
| **Authority** | Written scope and rules of engagement before a security test. |
| **Evidence** | Findings tied to observed behavior and stated limitations. |
| **Decision** | Client chooses risk treatment and recovery priorities. |
| **Closure** | Retest or exercise verifies the change against agreed criteria. |

DIGITAL DEVELOPMENT + AI

# Build the tools work depends on.

## Grow smarter. Work faster. Compete better.

Work should not be harder because the right tools are missing. We build and improve business systems, websites and apps around your workflow, and coach employees to use AI productively.




### Business systems

ERP, POS, inventory, school, HR, CRM and booking systems, with reporting, dashboards and data analysis.

### Websites and improvement

Corporate and institutional websites. Improve or redesign existing sites for speed, usability and security.

### Web and mobile apps

Web and mobile apps connect people to useful records and workflows, with task-focused interfaces and integrations.

### AI coaching and automation

Coach employees in research, reporting and administration, with useful automation and practical verification.

REVIEW / AGREE / BUILD / TEST / HAND OVER

Scope, integrations, hosting, data handling, acceptance and support are agreed for each project. Website reviews cover speed, usability and security. AI coaching and useful automation include review and verification suited to the task.

INFORMATION AND OPERATIONS

# Less repeated effort. A clearer way to work.



RECORDS / PROCESS / HANDOVERS

Missing records, repeated entry and slow handovers make everyday work harder. We examine where work stalls, then organise information, simplify the process or build a system around the task.

## Records and handovers

Missing records and repeated data entry make it harder to give a reliable answer or pass work on. We organise and digitise information around its use, with clearer retrieval and handover steps. A searchable service register can replace a search through several paper files.

## Process review and improvement

Repeated approvals, avoidable waiting and workarounds can become normal, slowing service and raising costs. We walk the process, identify bottlenecks and test practical changes. A clearer approval route can remove duplicate sign-offs while retaining responsibility.

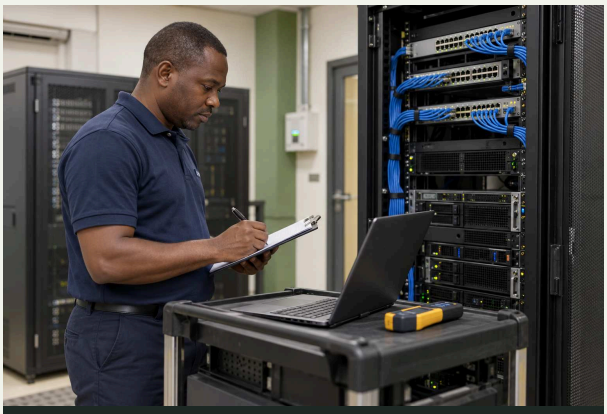
PRACTICAL CHANGES, MEASURED AGAINST THE TASK

Paper-to-digital projects / Record organisation and retrieval
Clear handovers and shared work records / Process walkthroughs
Practical redesign / Measurement of the agreed change

A DEFINED FIRST ASSIGNMENT

# Ways to start

A small, defined first assignment lets a client inspect the work before considering broader deployment or recurring support.



SITE ASSESSMENT / SERVICE ILLUSTRATION

Price, timeline, equipment, service levels and responsibilities are defined for the actual site and approved before work begins.

## Intelligent protection

Survey equipment, sensors and environmental risks. Agree thresholds, alert owners, a pilot, remote-access and signal-loss tests, acceptance and handover.

## Digital systems and websites

Review the website or business workflow. Define ERP, POS, app or integration needs, useful AI coaching and automation, scope and acceptance criteria.

## Fleet technology review

Review vehicles, routes, connectivity and fuel-handling points. Scope tracking, driver-safety equipment, alerts, installation and reporting.

## Infrastructure health

Map dependencies and network/server risks. Review configuration evidence, then agree staged remediation and commissioning criteria.

## Security and recovery

Agree written authority, scope and test plan. Report findings and recovery priorities, then define a bounded retest or restore exercise.

## Workflow and records

Trace records, approvals and handovers. Identify repeated work, improve retrieval and agree measurable changes before a larger rollout.

OPERATING DISCIPLINE

# Delivery and handover

The same discipline applies whether the work is a single server room or a distributed site programme.



The client approves thresholds, disruption windows and risk decisions. GenX reports what was tested and what remains outside scope.

## 01 Agree

Scope, site constraints, dependencies, authority and acceptance criteria.

## 02 Survey

Existing condition, configuration, risks and evidence gaps.

## 03 Design

Option, equipment and controls, including operating ownership.

## 04 Implement

Staged change, installation records and issue management.

## 05 Prove

Functional, alarm, failover or restore tests suited to scope.

## 06 Transfer

As-built record, escalation, spares and maintenance plan.

AGREE / SURVEY / DESIGN / IMPLEMENT / PROVE / TRANSFER

# Let us find what needs to change.

GenX Enterprise Solutions is the enterprise division of GenX Technologies PBC. Bring us a scoped brief, site evidence and an agreed test.

## SELECTED ORGANISATIONS SUPPLIED

A selection of organisations supplied across different products and services.

First Capital BANK

Ecobank The Pan African Bank

World Health Organization

BAKER'S INN EVERY SINGLE DAY

Zimnat

DELTA CORPORATION LIMITED

UZ-CTRC

impala CAR RENTAL Every hire is a memorable one!!!

AFRICAN DISTILLERS LIMITED

## COMPANY DETAILS

**LEGAL ENTITY**
GenX Technologies PBC

**REGISTRATION**
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