COMPANY PROFILE · 2026

IT infrastructure that stays up, is documented, and is backed up.

Technet designs, builds and runs networks, servers, mail and business applications for organisations in Kenya and across East Africa. Remote first, on site when the job needs hands.

FOCUS	DELIVERY	COVERAGE	SUPPORT
NETWORKS · SERVERS · CLOUD	REMOTE + ON SITE	KENYA & EAST AFRICA	MONITORED, DOCUMENTED

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About Technet

Technet designs, builds and runs networks, servers, mail and business applications. We replace fragile, unmonitored setups with documented, virtualised, backed-up environments that clients can see into and rely on.

Where we have worked

Nairobi, Arusha, Mombasa and Vipingo, and client sites in Ethiopia, across hospitality, agribusiness and global commodities trading. Most support is delivered remotely.

Reader's map: where to start

Evaluating a provider? Read page 3 (services), then the case studies on pages 4 and 5.

Planning a network or server project? Pages 4 and 6 show how we migrate and host.

Need equipment or supplier quotes? Page 5 covers procurement; page 7 lists engagement options.

Ready to talk? Page 8 has the contact details.

SERVICES | HOSPITALITY CASE | REMOTE + PROCUREMENT | HOSTING | ENGAGE | CONTACT

WHAT WE DO

One team for the whole stack

From the firewall at the edge to the invoice a client receives.

Network design & security

Firewalls, VLAN segmentation, site-to-site and road-warrior VPN, Wi-Fi, content filtering, intrusion detection and clean cut-overs from legacy gear.

Server & virtualisation

Windows Server, Active Directory, Hyper-V, VMware ESXi and Proxmox. File servers, domain controllers, patching and capacity planning.

Backup & recovery

Encrypted, versioned, off-site backups with append-only targets, retention policies and restore testing.

Business email

Self-hosted mail on your own domain with SPF, DKIM, DMARC, MTA-STS and TLS reporting, plus delivery monitoring.

Cloud & remote access

Oracle Cloud, Cloudflare, Tailscale and ZeroTier. Secure access to sites behind CGNAT or without a public IP.

Monitoring & IT support

Metrics, logs and alerting so problems are seen before users report them. Troubleshooting and root-cause write-ups.

Business applications

Quotation, invoicing and payroll tooling built for Kenyan requirements: VAT, ETR, statutory deductions.

Procurement & sourcing

Purchasing IT equipment, keeping quotes current with suppliers and partners, sourcing the right hardware.

Websites & domains

Fast, hardened static sites on Cloudflare, DNS and certificate management, security headers and status pages.

WHO WE HELP

Hospitality groups | Agribusiness | Trading & logistics | Small offices

PROBLEMS WE SOLVE

Slow or patchy Wi-Fi

Coverage surveys, dead-spot fixes and access point placement.

No view of the network

Monitoring, logging and alerts so you see issues first.

Unpatched PCs and servers

A structured patch routine with reporting.

Untested backups

Off-site copies with scheduled restore tests.

Ageing firewall or VPN

Staged migration to a modern, open-source stack.

Mail in spam folders

Correct SPF, DKIM and DMARC and delivery monitoring.

We source and support Lenovo ThinkCentre, ThinkPad and ThinkStation, Dell PowerEdge and HPE ProLiant hardware, and manage Windows and Linux servers on Hyper-V, VMware ESXi and Proxmox.

CASE STUDY · ARUSHA & NAIROBI

Network and IT transformation for a hospitality group

The group operates from two sites. When we found the environment, connectivity depended on a Sophos XG firewall and Kerio Control. We moved it to an open-source, virtualised work environment, site by site, with every change verified before the old path was retired.

Before

- Sophos XG firewall plus Kerio Control carrying connectivity.
- Limited view of what was happening on the network.
- Ad hoc patching, patchy Wi-Fi coverage, no power-backup visibility.

After

- OPNsense firewall and WireGuard VPN, each tunnel verified user by user.
- Proxmox and VMware ESXi, Windows domain controllers, TrueNAS storage.
- Monitoring, logging and an intrusion-detection sensor.

OUTCOMES

- Full visibility of everything happening on the network.
- Structured patch management.
- Wi-Fi dead-spot surveys and fixes.
- Power-backup (UPS) monitoring.
- Documentation wiki and team password vault.
- Off-site backup relay to NAS storage.

PCS AND ENVIRONMENTS WE SUPPORT

- Windows 10/11 desktops and laptops
- Front-desk, back-office and management workstations
- Domain-joined users on Active Directory
- Printers and peripherals
- Windows and Linux servers; Hyper-V, ESXi, Proxmox
- NAS storage, Wi-Fi access points, switches, UPS units

Endpoints

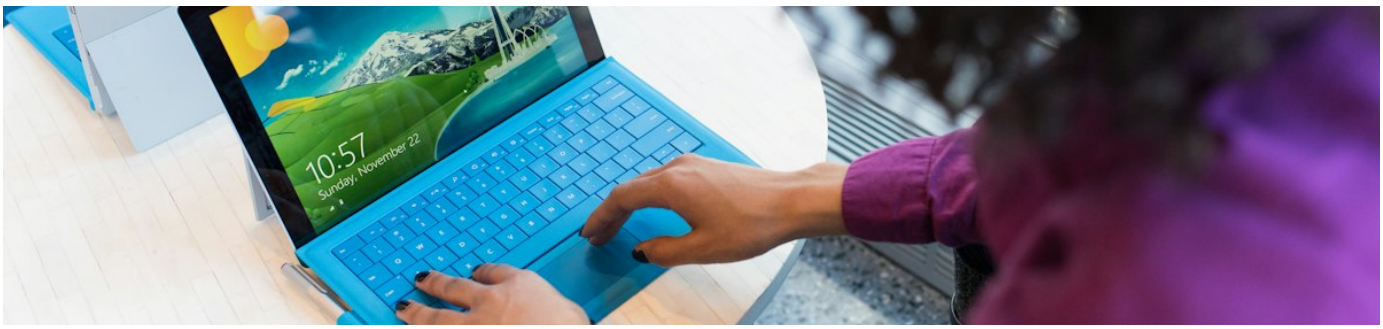
Lenovo ThinkCentre | Lenovo ThinkPad | Lenovo ThinkStation

Servers

Dell PowerEdge | HPE ProLiant

OPNsense | WireGuard | ESXi | Proxmox | TrueNAS | IDS | Wiki

CASE STUDIES



Server and remote-site administration

Mombasa / Vipingo

Ongoing management of a coastal agribusiness site with a Windows file and domain server hosting Hyper-V guests.

- We remote in and manage the servers and virtual machines over a private ZeroTier network, with no public exposure.
- Performance monitoring of the host and its virtual machines, plus workstation support.
- Backup design using restic to low-cost object storage, with data volumes sized and a single-server risk assessment delivered.

Windows Server | Active Directory | Hyper-V | ZeroTier | restic

IT support, procurement and business documents for a global agri-commodities trader

Kenya & Ethiopia

A range of support and supply tasks for a multinational agri-commodities company.

- We procure and manage infrastructure for them: purchase of IT equipment, updated quotes kept current with global partners and suppliers, and sourcing the right hardware for their environment. We source and support Lenovo, Dell and HPE hardware.
- Quotations, purchase-order-driven invoices and delivery notes in the client's own format, with VAT and ETR handled correctly.
- Diagnosis of an ETR connectivity failure, traced to the tax authority's own edge and documented for the client.
- Hardware sourcing quotes and revisions for headsets, devices and accessories.

Technett Docs | VAT | KRA ETR | Procurement | Supplier quotes

One design, many clients

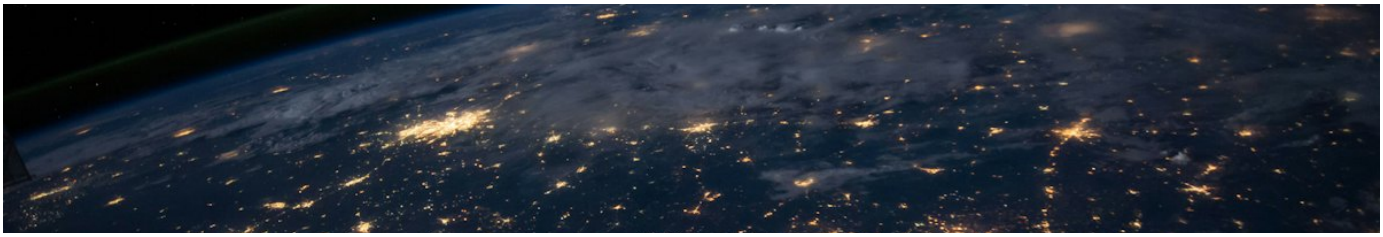
Reference architecture

Several of our clients run the same design, adapted to their size. It is the same one we run for ourselves, so every part has been proven in daily use.

Edge	Core	Access	Visibility	Protection
Firewall, VLANs, intrusion detection, content filtering	Virtualised servers, domain controllers, storage	Private VPN for staff and remote administration	Monitoring, logs, alerts, dashboards	Patching, UPS monitoring, off-site backups

VIRTUALISATION AND HOSTING

Run workloads where they make sense



Oracle Cloud (OCI)

ARM and x86 instances across multiple tenancies, with free-tier discipline and zero-spend guardrails (quotas and budgets with alerts).

Nube.sh VPS

A VPS on Nube.sh hosting for our own blog: a lightweight, low-cost home for a static website.

On-premises

Proxmox, VMware ESXi and Hyper-V for servers that must stay on site: domain controllers, file servers, local applications.

WHY HYBRID HELPS

Cost control.
Each workload on the cheapest platform that meets its needs, with cloud spend capped by design.

Resilience.
If one site or provider has a problem, the rest keeps running and can take over.

Off-site copies.
Backups live somewhere other than the building they protect.

OUR OWN INFRASTRUCTURE: THE SAME DESIGN WE DEPLOY FOR CLIENTS

3
Oracle Cloud tenancies managed

€0
cloud spend, held by quota and budget guardrails

6
major-version hops on a live Nextcloud, zero data loss

5
mail authentication layers on our own domain

Hybrid fleet

On-premises Proxmox plus an Oracle Cloud fleet on a private mesh, with Ansible patching and fail2ban everywhere. The same design runs for other clients.

Self-hosted mail

Mailcow with SPF, DKIM, DMARC, MTA-STS, TLS reporting and alert mailboxes.

Monitoring

Prometheus, Loki and Grafana with per-device dashboards, uptime checks and alerting.

Resilient backups

Append-only restic repositories, per-client credentials and a daily staleness check.

Resilient connectivity

Self-healing watchdogs on our uplink and a relay host for remote access.

Business software

Our own invoicing and Kenyan payroll apps, plus a hardened site with a public status page.

ENGAGE

Choose the shape that fits

Project build

A defined piece of work, such as a network rebuild, server migration, backup design or mail move, delivered with documentation.

Managed support retainer

Ongoing monitoring, patching and help-desk support for your sites, users and servers.

Audit and health check

A review of your network, servers, backups and security, with findings in plain language and a prioritised plan.

Procurement and sourcing

Equipment purchasing, up-to-date supplier quotes and the right hardware for your environment.

HOW WE WORK

Verify before and after.
Every change is checked live, so we can say what was confirmed and what was not.

Reversible by default.
Configs are backed up before edits, and rollback steps are written before cut-over.

Documented.
You receive network maps, runbooks and credentials handover, not a black box.

Least exposure.
Private networking and no standing keys. Access is per person and removed when finished.

Root cause, not restarts.
When something fails we find out why and say so in plain language.

FAQ

Do you work on site or remotely?
Remote first, which is faster and cheaper for most tasks. We come on site for cabling, hardware installs and Wi-Fi surveys.

Can you take over from our current IT provider?
Yes. We audit what is in place, document it, then agree what to keep, fix or replace, with reversible cut-overs.

Do you support Windows PCs and users as well as servers?
Yes. Windows 10/11 desktops and laptops, Active Directory users, printers, servers, network gear and backups.

Where does our data live and who can access it?
Agreed up front. We favour private networking, per-person access removed when finished, and off-site encrypted backups.

Can you buy the hardware for us?
Yes. We source equipment, keep supplier quotes current and recommend what fits your environment.

How do we get started?
Email us a short description of your environment. We reply with a short scope and a proposed first step.

TECHNOLOGY AND CONTACT

What we work with

Proxmox VE · VMware ESXi · Hyper-V · Windows Server / AD · TrueNAS · OPNsense · Kerio Control · Sophos XG · Lenovo ThinkCentre / ThinkPad · Dell PowerEdge · HPE ProLiant · MikroTik · WireGuard · Tailscale · ZeroTier · Cloudflare · Oracle Cloud · Nube.sh · Mailcow · Nextcloud · Vaultwarden · Ansible · Docker · Prometheus · Grafana · Loki · restic · AdGuard Home · Linux (Debian / Ubuntu)

WHY CLIENTS CHOOSE TECHNET

Full-stack in one team

Network, servers, cloud, mail, backups, procurement and business software from one accountable provider.

Open-source economics

Proven open-source platforms cut licence cost without cutting capability.

We can see what is happening

Monitoring and logging are built in, so faults are found early and explained clearly.

Proven on our own estate

Every pattern we deploy for clients runs in our own environment first.

HOW AN ENGAGEMENT RUNS

1 Audit
See what is in place and document it

2 Plan
Agree what to keep, fix or replace

3 Build
Staged changes, verified, reversible

4 Hand over
Maps, runbooks, access handover

5 Support
Monitoring, patching and help desk

INSIGHTS

Read the Technet blog

We write up what we learn. Our technical blog covers recent work on AI and agent tooling.

technetguy.site/blog →

Let's talk about your environment.

Tell us what you run today and what keeps you up at night. We reply with a short scope and a fixed first step.

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Client references available on request. Client details are summarised and kept confidential. Photography from Unsplash (Unsplash License).