

COMPANY PROFILE

# A&B INNOVATION GROUP LTD

W H O W E A R E

# Kigali-Born. Africa-Focused.

A&B Innovation Group LTD is a Kigali-born infrastructure engineering company designing and delivering secure, connected, and intelligent environments across East Africa.

*"We combine engineering precision, design thinking, and operational intelligence."*



## DESIGN

Thoughtful, clean, future-ready systems. Rack layouts inspired by gallery aesthetics.



## SAFETY

Compliance-driven, risk-aware deployments built to the highest regulatory standards.



## CONTINUITY

Reliable systems with long-term support. Predictive maintenance and 24/7 monitoring.

# Five Integrated Disciplines

01



## Connectivity

Starlink + Fiber hybrid infrastructure. Multi-path internet for banks, enterprises & remote sites.

02



## Security

360° AI-enabled CCTV, access control, and a centralised Security Operations Centre in Kigali.

03



## HVAC Intelligence

Smart cooling, air quality sensors, and automated environmental controls for any environment.

04



## Infrastructure Eng.

Fiber fusion, OTDR diagnostics, structured cabling, rack design, fire safety & power systems.

05



## Advanced Solutions

Thermal drone surveys, cleanroom CCTV calibration, and smart home automation systems.

## ◆ CONNECTIVITY

### *Starlink + Fiber Hybrid Infrastructure*

Multi-path internet solutions designed for high-availability environments including banks, enterprises, and remote sites.

- Multi-path internet architecture
- Resilient & scalable design
- Banks & enterprise-grade SLA
- Remote site connectivity
- Hybrid failover systems

## ◎ SECURITY

### *360° AI-Enabled Surveillance*

Smart CCTV with live monitoring, access control integration, and a centralised Security Operations Centre (SOC) in Kigali.

- AI-powered live surveillance
- Smart access control integration
- Kigali SOC — 24/7 monitoring
- Mobile monitoring dashboards
- Cleanroom-level calibration

# Beyond Installation— We Deliver Confidence.

## HVAC Intelligence

- Smart cooling & climate control
- Air quality monitoring sensors
- Automated environmental systems
- Energy optimisation algorithms
- Remote management dashboards

## Infrastructure Engineering

- Fiber fusion & OTDR diagnostics
- Structured cabling systems
- Precision rack design & installation
- Fire safety systems integration
- Power systems & UPS deployment

## Advanced Solutions

- Thermal drone surveys for rooftops
- Cleanroom-level CCTV calibration
- Smart home automation systems
- Immersive system walkthroughs
- As-built documentation delivery

# From Discovery to Delivery



## Site Pulse

Electrical audits

Laser scanning

Journey mapping

System visualization



## Co-Create

Design boards

BOQ generation

Live demonstrations

Stakeholder review



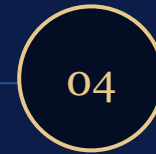
## Deploy

Precision installation

Photo progress reports

QA processes

As-built docs



## Support

24/7 monitoring

Predictive alerts

Emergency workflows

Client playbooks

# Built to Perform

99.7%

## Network Uptime

Across all deployments

112+

## Live Feeds

Actively monitored

24/7

## SOC Coverage

Kigali operations centre

EA

## Regional Reach

Active across East Africa

### FIELD FORCE

- Highly trained, safety-certified technicians
- Active deployment teams across Kigali & beyond
- Advanced diagnostic & installation tools
- Factory-calibrated equipment on every job

### MISSION CONTROL

- Real-time monitoring dashboards
- Predictive maintenance alerts
- Emergency response workflows
- Client-facing system playbooks

# We Go Beyond Installation.

## Photo Progress Reports

Daily visual updates on installation progress sent directly to clients with annotated site photographs.

## As-Built Documentation

Complete technical records of every installation — cable routes, equipment specs, configuration details.

## Immersive Walkthroughs

Hands-on system training and guided walkthroughs ensuring every client understands their infrastructure.

## Transparent Build Logs

Daily build logs with clear timelines, milestones achieved, and next steps communicated proactively.

## Quality Assurance

Strict QA processes at every stage. Factory-calibrated equipment tested before and after installation.

## Client Playbooks

Custom operational playbooks delivered post-installation so clients can confidently manage their systems.

# Built for the Best Clients.

## Banking & Finance

- National & commercial banks
- Bank branch surveillance
- Vault access control
- Network resilience for ATMs
- SOC integration

## Corporates & Enterprises

- Headquarters infrastructure
- Multi-floor cabling systems
- Enterprise Wi-Fi & fiber
- Environmental controls
- Smart access systems

## Hospitality & Hotels

- Property surveillance systems
- Guest network infrastructure
- HVAC intelligence
- Smart room automation
- Energy optimisation

## Premium Residential

- Private villas & compounds
- Smart home automation
- CCTV & access control
- Mobile monitoring apps
- 24/7 support coverage

OUR VISION

*"To become Africa's leading partner in immersive infrastructure, where physical environments feel as intelligent and intentional as the digital world."*

INTELLIGENCE

PRECISION

CONTINUITY

INNOVATION



Kigali, Rwanda · Serving All of East Africa

LET'S BUILD TOGETHER

# Let's Build Smarter Spaces Together.

Ready to transform your space? Our team is standing by to audit, design, and deploy your next infrastructure project.

→ Book a Site Visit

→ Request a Proposal

→ Schedule a Technician Dispatch

CONTACT

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Serving East Africa

*Design · Safety  
Continuity*