

# Econocom Networking Services:

The smart way  
to optimise  
your network



# Strengthen your wireless foundation with data driven insight, expert guidance and proactive protection

Modern organisations depend on fast, reliable and secure networks to operate effectively. Cloud applications, hybrid working, IoT, collaboration tools, video conferencing and customer facing digital services all rely on stable, high performing connectivity. Yet the network is often one of the most overlooked and vulnerable areas of the IT estate.

Econocom's Network Advisory Services give organisations clear visibility and control of their wireless and network environments through comprehensive data analysis, expert engineering and actionable recommendations.



## Your challenges

### 1. Network performance issues

- Coverage gaps, dead zones and inconsistent signal strength
- Interference and channel overlap affecting reliability
- Overloaded access points causing bottlenecks
- Latency, packet loss and degraded voice/video quality

### 2. Security vulnerabilities

- Outdated authentication and weak encryption
- Rogue or unauthorised devices accessing the network
- Misconfigurations or legacy firmware creating security gaps
- Lack of visibility across large or complex estates

#### Industry Reality

- 94% of WiFi networks are vulnerable to de-authentication attacks
- 30–40% still use weak or insecure authentication practices
- Only 52% conduct regular network security audits

Source: Nozomi Networks – 2025 OT/IoT Cybersecurity Trends & Insights

### 3. Compliance & governance pressure

Organisations must demonstrate strong network control to meet requirements such as:

- Cyber Essentials+
- ISO 27001
- PCI-DSS
- GDPR

### 4. Lack of ongoing assessment

Many issues only surface after an outage, a breach or a noticeable drop in performance—by which point the impact is already felt.

# Our solution: Econocom Network Advisory Services

## Wireless site surveys (Active & Passive)

Using an advanced WiFi survey platform, Econocom delivers in depth wireless assessments designed to optimise performance, reliability and security.

## Active surveys (Onsite)

A certified engineer conducts a full onsite walkthrough, capturing real time performance data mapped to your exact floor plans.

## Passive surveys (Remote)

A simulated analysis based on your building layouts, environmental conditions and usage requirements ideal for early planning or sites with limited access.

## What we analyse

- Signal strength & coverage
- Signal-to-noise ratio
- Interference sources
- Access point placement
- Packet loss & latency
- Authentication methods & security posture

## Your key deliverable

A clear, comprehensive report including:

- Visual heatmaps
- Detailed findings
- Prioritised, actionable recommendations

# Why customers choose Econocom?

## A data-driven approach

Every recommendation is backed by evidence not assumptions using industry leading analytics and tooling.

## Security & performance combined

We assess both the technical health and security integrity of your network, giving you a complete picture of risk and performance.

## Business & technology alignment

Our experts translate technical insight into practical, business focused guidance that supports confident decision making.

## Proactive risk reduction

Regular audits uncover vulnerabilities before attackers do reducing downtime, incidents and compliance failures.

## Scalability & future-readiness

We analyse usage patterns, device density and growth trends to help you plan confidently for modernisation and expansion.

# Where Econocom adds value

## We help you:

- Identify vulnerabilities before they cause disruption
- Detect and remove rogue access points and shadow IT
- Optimise wireless coverage and user experience
- Improve performance for cloud, collaboration and voice services
- Reduce downtime and strengthen security
- Plan intelligently for upgrades and growth
- Maintain compliance in regulated industries

# Our advisory approach

## 1. Discovery

We gather information on your network architecture, usage patterns and operational priorities.

## 2. Assess

We conduct an active or passive wireless survey and review your network security configuration.

## 3. Analyse

We evaluate findings to identify coverage weaknesses, configuration issues, vulnerabilities and their potential business impact.

## 4. Advise

We provide a clear, actionable report with prioritised recommendations, remediation guidance and roadmap options.

## Who benefits most?

- Organisations with 3 or more access points
- Businesses in multi-floor or complex buildings
- Environments with high device density
- Any organisation seeking improved security, performance or compliance
- High-risk sectors requiring regular audits (finance, healthcare, government)

## Ready to optimise your network?

Econocom helps you build a secure, high performing and future ready wireless environment powered by data, expertise and business led insight, contact us to find out more.

