5 CYBERSECURITY MOVES TELECOM PROVIDERS USE TO PROTECT NETWORK UPTIME AND CUSTOMER TRUST

Why It Matters

Telecom operators face nonstop threats: botnets, misconfigurations, insider threats, and zero-day vulnerabilities.

Downtime impacts millions of users, erodes brand trust, and can trigger regulatory fines.

ThreatDefend, powered by Vijilan, supports telecom MSPs with:

- CrowdStrike Falcon for protecting routers, network servers, and remote support systems
- Falcon Identity to monitor privileged access across network management tools
- Falcon Exposure to prioritize CVEs tied to outages or availability risk
- Cribl Stream to mask, route, and store log traffic from routers, apps, and cloud services
- Hosted on AWS with full support for Azure, GCP, and carrier cloud architectures

Checklist

- Routers and base stations protected by Falcon EDR
- Privileged sessions tracked with Falcon Identity
- Vulnerability management driven by Falcon Exposure
- Log traffic filtered and routed via Cribl Stream
- Support for NOC visibility, service resilience, and compliance audits

Step 1

CEO: Preserve uptime and revenue continuity while reducing reputational and regulatory risk

CISO/CTO/CIO: Use Falcon EDR to detect threats across routers, cell sites, and support team devices in real time

Security Ops: Eliminate alert overload and isolate high-value events that impact network availability

Step 2

CEO: Prevent customer data exposure and regulatory blowback due to unauthorized access

CISO/CTO/CIO: Enforce privileged access monitoring and Zero Trust using Falcon Identity across NOC, OSS, and administrative portals

Security Ops: Detect lateral movement or risky behavior tied to administrator credential abuse

Step 3

CEO: Prove resilience in investor and executive meetings with data-driven cyber risk metrics

CISO/CTO/CIO: Prioritize and patch only the vulnerabilities that threaten uptime using Falcon Exposure

Security Ops: Focus on CVEs that impact network performance, voice/data traffic, or service assurance systems

Telecom runs 24/7. So should your cybersecurity.

Get a Free Cyber Readiness Assessment for Telecommunications and Network Operators

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