Network Security Posture Assessments

The Cannabis industry has specific compliance laws and standards that define requirements for IT security, audits and assessments. Drilling down to the IP data network infrastructure and locking it down, according to the required security baseline, requires a thorough analysis of all internal / external network connections and access points. Some of the challenges arise:

- Updating Layer 2/3 network documentation for both physical connections and logical configurations (e.g., IEEE 802.1q VLANs, Layer 3 switching / routing, etc.) as part of the Discovery Phase
- Maintaining air-tight configuration change management throughout the IP infrastructure to ensure if any change occurs in the network that documentation, testing, and validation are all up to date and accurate
- Prioritizing network remediation or security hardening requirements for identified gaps
- Budgeting CAPEX and OPEX to remediate risks, threats, and vulnerabilities as part of the Recommendation Phase of the security baseline
- Ensuring that internal and external layered security solutions work according to the defined requirements, policies, and standards (may require performing IT security testing, verification, and validation, etc.)

How NuLeaf helps you address Network Security

NuLeaf drills down into your compliance requirements, required security controls, and the implementation of needed safeguards. This includes review, assessment, and security testing within the 7-Domains of IT infrastructure: User, Workstation, LAN, LAN-to-WAN, WAN, Remote Access, System / Application.

- Break down compliance laws into implementation requirements; map them to your IP data networking, operations, and security operations environment
- Incorporate compliance requirements into a qualitative assessment tracking tool / spreadsheet
- In-depth discovery, including fact finding, on-site inspections, reviews of your current Layer 2/3 IP data networking implementation
- A high-level, qualitative compliance gap analysis and network security posture assessment mapped to your compliance requirements and security baseline
- Delivery of gap remediation recommendations aligned to CAPEX / OPEX costs and prioritized according to the assessment findings and your compliance requirements

NuLeaf Network Security Policy Assessments deliver peace of mind.

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