Enterprise Guest Access

Secure, Easy-to-Use Internet Access for Corporate Visitors

Nomadix has market-leading access Gateways that provide easy-to-use Internet access for corporate visitors, such as vendors, customers, consultants, and mobile employees, in a variety of settings, without compromising the security of the corporate network:

- Wi-Fi™ access in lobbies or common areas for vendors, visitors, and customers
- Wired or wireless access for conference rooms or training centers
- Wired or wireless access for hotdesk for mobile employees or consultants

Nomadix offers solutions that address the critical security and network segregation issues associated with providing visitors Internet access via an enterprise local area network.

Benefits of the Nomadix Solution for Enterprise Guest Access

- *Corporate network security* – The Nomadix approach assures quick and easy access for visitors without compromising the corporate network
- *User security* – Nomadix implements industry-standard security features, with patented technology for superior user protection
- *Plug and play* – Nomadix simplifies the end user connection experience better than other solutions, which allows visitors to be productive while dramatically reducing the support burden on corporate IT departments

Why Choose Nomadix?

Nomadix is a leading provider of guest access Gateways, with more than 50,000 units shipped worldwide and a patent and patent-pending portfolio of intellectual property in over 15 unique areas of functionality designed to support public access networks globally. The Nomadix solution allows enterprise customers to offer their visitors guest access using the corporate network without requiring any changes to the visitor's PC network settings and supporting the use of various kinds of mobile devices and tablets, while maintaining a segregated network that protects the enterprise network from unwanted attacks and security threats.

Key features provided by the Nomadix solution include:

- *Transparent Connectivity* – Delivering true "plug-and-play" connectivity through Nomadix' patented Dynamic Address Translation™ (DAT) and dynamic transparent proxy technologies alleviates IT administrators from resolving IP configuration issues on guest machines

- *Best-in-Class VPN Pass-Through* – Many visitors to an enterprise network rely on a secure VPN connection to their corporate network to synchronize emails, check inventory levels, and access network files. Nomadix' patented iNAT technology intelligently maps a user's IP and MAC address, allowing multiple users to establish VPN tunnels into their corporate HQ regardless of how the VPN server and client are configured.
- *Network Segregation* – Nomadix uses Virtual LANs (VLANs) – logical networks that can be created and secured from other logical networks on the same network LAN device, such as an Ethernet switch – to segregate visitor traffic from the corporate LAN.
- *Network Security* – To protect against Denial of Service (DoS) attacks, Nomadix features Session Rate Limiting (SRL), MAC filtering, and ICMP packet blocking from non-authenticated users. Additionally, Nomadix supports Tracking Logs for Lawful Intercept initiatives.
- *User Security* - Nomadix Gateways support VPN, WEP, and WPA2 to give guests and visitors secure network and wireless connectivity.
- *Authentication* – Authentication can be implemented using an enterprise's existing RADIUS infrastructure or using the Nomadix Gateway's fully-featured internal database to generate user profiles. Facebook authentication is also supported.
- *Easy Configuration and Management* – All Access Gateways are easy for administrators to set up through the Web Management Interface (WMI), secure telnet and SNMP interfaces. Total management security can be achieved via IPSec.
- *Policy-Based Traffic Shaping* – Allows bandwidth usage to be controlled by minute, hour, day, or week on a per-device basis.

Nomadix significantly reduces the support burden often experienced by IT departments trying to help a wide range of visitors gain Internet access, while also allowing these visitors to use their time productively, whether in meetings, waiting in lobbies, or visiting the office from another location. In addition, the Nomadix solution allows a variety of client devices to gain network access without the need for device reconfiguration or IT assistance – ensuring rapid productivity.

Nomadix Solutions for Enterprise Guest Access

Nomadix Gateways	***Description***
AG 5900 (8,000 users) AG 2500 (500 users)	Nomadix Gateways provide functionality for: • Guest Access segregation from corporate LAN • Creating multiple logical networks using VLANs • Multi-mode authentication and access control • Advanced security for users and the corporate network
Nomadix Service Engine (NSE)	***Enables:***
NSE Core Software (on all Gateways)	• Plug And Play via patented Dynamic Address Translation (DAT) • Home page redirect for informational use • Multiple VPN tunnels for per-user security • Fail-over support for guaranteed uptime • Web-based and auto-configuration for ease of set up and support • Policy-based traffic shaping for granular control of bandwidth usage • SFP+ interface supporting both single-mode and multi-mode fiber transceivers for high-speed fiber Internet
NSE High-Availability Module	• High Availability offers enhanced network uptime and service availability when delivering high-quality Wi-Fi service by providing Fail-Over functionality. This module allows a secondary Nomadix Access Gateway to be placed in the network that can take over if the primary device fails, ensuring Wi-Fi service remains uninterrupted.
NSE Load Balancing Module	• Load Balancing allows Internet traffic to be balanced across multiple WAN/ISP connections to ensure that traffic is distributed based on the capability of each connection.