

## Nomadix Gateways

### Secure, Reliable Visitor-Based Networks for Over 25 Years

Nomadix gateways are the industry standard in hospitality with tens of thousands of properties supporting millions of rooms worldwide. Powered by patented technology, the Nomadix family of internet access gateways has earned a global reputation for unparalleled reliability and ease of management.

#### **RELIABILITY**

Nomadix has invested more than two decades of development and quality assurance to create a proven, reliable solution. Each release goes through vigorous testing to ensure the gateways can handle the load and specified functionality.

Nomadix gateways are built on an embedded operating system, which removes the reliance on open-source code that many other systems utilize and the corresponding security concerns.

The Nomadix NSE software runs on hardware designed to have a large mean time between failure (MTBF) for further reliability and stability. Nomadix also has a well-trained support staff to provide timely responses to any questions.

#### **CUSTOM-BRANDED GUEST LANDING PAGES**

The NSE software allows admins to create and maintain a dedicated captive portal that can be hotel-branded so that guests have a seamless experience. When used with the Nomadix Hotel Portal, MSPs and hotel admins have additional branding options and guest authentication flows.

#### **BANDWIDTH MANAGEMENT AND CONTROL**

Nomadix provides a variety of bandwidth management capabilities that enable properties to maximize their bandwidth investment. Internet circuits do not need to be upgraded as frequently even as usage demand continues to grow. Nomadix gateways support bandwidth management per device, per location by VLAN bandwidth limits or per group.

Additionally, bandwidth capping allows for the granular control of tiered access levels for different groups. Bandwidth prioritization, for VIP guests for example, allows different types of users or groups to access available bandwidth before others. Admins can also manage utilization of unused bandwidth to offer additional access beyond the capped limits when it is available.

#### **AUTHENTICATION**

Nomadix gateways support multiple authentication methods, including integration with property management systems (PMS), credit card, RADIUS authentication, access codes, Facebook and Paypal. SMS, vouchers, China market support and brand-specific authentication flows for Hyatt and Marriott are supported authentication methods when paired with the Nomadix Hotel Portal.



## EG 3000 & EG 3000L

The EG 3000 family of gateways is ideal for value-driven, visitor-based networks (VBNs). It is the perfect solution for small- to medium-sized venues, including hotels with up to 500 rooms that want to offer fast and reliable internet access to their guests.

With four configurable WAN/LAN copper ports, the base configuration of the EG 3000L includes support for 400 concurrent devices and can be upgraded to support 500 concurrent devices with a standard throughput of 500 Mbit. The base configuration of the EG 3000 includes support for 500 concurrent devices and can be upgraded to support 3000 concurrent devices. The standard throughput of 500 Mbps can be upgraded to 1 Gbps.



## EG 6000

The EG 6000 is ideal for mid-to-large venues where support for thousands of simultaneous devices is desired. This high-performance gateway enables the creation of a high-speed VBN. The gateway offers the flexibility to support from 1000 to 6000 devices and up to millions of devices by clustering gateways. With a throughput of up to 6 gigabits per second, it is ideal to support growing bandwidth demand while ensuring an optimal guest experience.






	EG 3000L*	EG 3000	EG 6000
<b>Base Devices</b>	400	500	1,000
<b>Max Devices</b>	500	3,000	6,000
<b>Base Bandwidth</b>	500 Mbit	500 Mbit	1 Gbit
<b>Max Bandwidth</b>	500 Mbit	1 Gbit	6 Gbit

## HOW IT WORKS

Nomadix gateways allow guests to access the internet without making changes to their network settings. "Set and forget" functionality requires configuration only once during setup without the need for future administration.

Once initial access is configured, other equipment, such as switches and access points, can also be managed. Interoperability with switches and networking standards allows for many different network topologies. A Nomadix gateway running the NSE software supports all networks that follow basic network specifications for packet forwarding and routing. The gateway is network-equipment agnostic as long as all switches, APs, GPON and other networking equipment follow standard networking specifications.

## FEATURES & BENEFITS

-  Reliable internet access supported by two decades of development and testing
-  Robust authentication and controls for configuration, management and VBN creation
-  Bandwidth management, allocation and controls to ensure users get the right bandwidth levels with unused bandwidth redistributed to optimize the experience
-  Scalable to accommodate small- to large-size networks (from boutique bed & breakfast properties to resorts to convention centers)
-  IPv6 Certified by the IPv6 Forum starting with version 8.15

### AVAILABILITY

Nomadix Gateways are generally available. Contact a Nomadix account manager or partner to determine the right gateways for your hotel or clients.