

Nomadix Service EngineTM

eHost Implementation for IHG Brands
Using the NSE Local Web Server to Implement Free Access

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1100 Business Center Circle Suite 100 Newbury Park, CA 91320

Introduction

The Nomadix Service Engine is compliant with Intercontinental Hotels Group's eHost system. This guide will instruct you on how to configure a NSE for hotels that are specific to the IHG brands.

Currently, files are provided for the following brands:

- Holiday Inn
- Holiday Inn Express

The eHost system provides terms and conditions for the Internet user. Once the terms and conditions are accepted, the user is given free Internet access and directed to a landing page for the specific brand (Holiday Inn, Holiday Inn Express, etc.).

This specific landing page is keyed to each individual site in order to provide localized content. This mechanism is accomplished by supplying the eHost system a 5-character location code in the URL when the landing page server is called.

Each location will have a specific 5-digit code. It is up to each site to gather its code and customize the HTML files and Nomadix Home Page Redirection feature with the proper URL for its site.

The enclosed examples assume that your NSE has its license key, has a valid IP address and DNS servers, has a valid and tested default gateway and has Configuration->AAA Services set to enabled. Credit Card and PMS settings should be disabled.

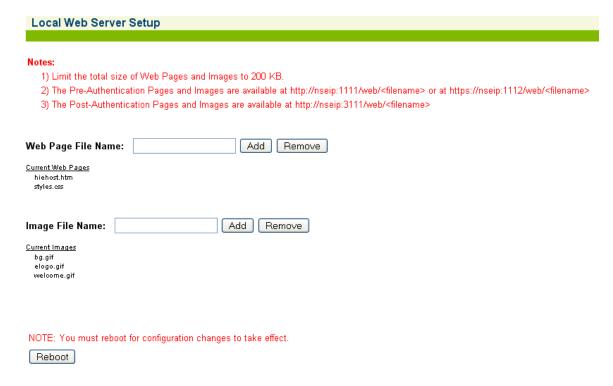
If you have not completed these steps, please refer to the *Quick Start Guide* and *User Guide*. These files can be found in .pdf format on the CD that shipped with the product.

Note: All files referenced in this Application Note are to be packed in IHG.zip. This file can be requested from support@nomadix.com.



Holiday Inn

- 1. Create a subdirectory on your disk and extract all of the files from the HI_eHost.zip folder into that subdirectory.
- 2. Use a text editor (Notepad, etc) to modify the **hiehost.htm** file to reflect the proper eHost landing page. Change the AAAAA code to the 5-digit code the hotel has been given by IHG. See the highlighted area in the HTML notes below. Save the file back to disk.
- 3. Use an FTP client (SmartFTP, WSFTP, etc) to FTP the contents of the subdirectory into the /flash/web directory on the NSE.
- 4. Use the web management Subscriber Interface->Local Web Server option to add the files under the appropriate categories: .htm and .css under "Web Page File Names" .gif and .jpg under "Image File Names". Reboot the NSE after this step.



 Under Configuration->AAA enable AAA, enable Portal Page Redirect and enter the URL http://NSE_ip_addr:1111/web/hiehost.htm, replacing "NSE_ip_addr" with the TCP/IP address of the NSE's WAN interface - press Submit.



- 6. Also under Configuration->AAA, disable User Names and enable New Subscribers press Submit.
- 7. Under Subscriber Administration->Current, set the idle timeout to 300 or less (5 minutes or less) press Submit.
- 8. Under Configuration->Home Page Redirect, enable HPR, enter the URL provided below. Modify the AAAAA to contain the 5-digit code that has been assigned to the property, disable Parameter Passing and enter 0 for Redirection Frequency press Submit.

Home Page Redirection Settings	
Home Page Redirection	✓ Enable
Home Page URL	http://guest.ichotels.com/hi-AAAAA
Parameter Passing	☐ Enable
Redirection Frequency (minutes)	0
Submit Reset	

User Experience - Holiday Inn - hiehost.htm



Welcome to Holiday Inn° High speed Internet access

It's free — just click and go.

Please read the Terms & Conditions. If you accept the Terms, simply click below to connect.

Six Continents Hotels, Inc. Terms of Use of Internet

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internet connection to authorized users.

This Service is offered to you, the customer, conditioned on your acceptance without modification of the terms, conditions, and notices contained herein. Your use of this Service constitutes your agreement to all such terms, conditions, and notices.

SECURITY OF YOUR ACCESS AND USE

Due to the nature of wireless LAN and High Speed Internet Access networks, control of physical

I Accept - Access the Internet

HTML Notes – hiehost.htm

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"</pre>
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"</pre>
/>
<link href="styles.css" rel="stylesheet" type="text/css" />
<title>Holiday Inn&reg; eHost&trade; | Terms &amp; Conditions</title>
</head>
<body id="welcome">
<div id="wrapper">
  <div id="header"><img src="elogo.gif" alt="Holiday Inn&reg; eHost"</pre>
border="0" width="252" height="68" /></div>
  <div id="main">
    <h1 id="text_tc"><img src="welcome.gif" alt="Welcome to Holiday
Inn® High speed Internet access - It's free — just click and
go." width="576" height="79"/></h1>
    Please read the Terms & amp; Conditions. If you accept the Terms,
simply click below to connect.
    <div id="termsconds">
      <h3><b>Six Continents Hotels, Inc.<br />
        Terms of Use of Internet</b><br />
        <br />
       TERMS, CONDITIONS AND NOTICES <br />
        <br />
      </h3>
      <h4 class="center">AGREEMENT BETWEEN CUSTOMER AND SIX CONTINENTS
HOTELS, INC </h4>
      The Service ("Service") consists of
providing a wireless or high speed<br />
        internet connection to authorized users.
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      >Due to the nature of wireless LAN and High Speed Internet
Access networks, control of physical access to the network cannot be
ensured. In the case of wireless networks, unlike a wired network
where a physical connection is required, anyone within range of a
wireless access point can conceivably send and receive frames as well
as listen for other frames being sent, making eavesdropping and remote
sniffing of wireless LAN frames very easy. In addition, under certain
circumstances, third parties could access your computer without your
permission while it is connected to the network.
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      This Service is for your personal, noncommercial use. You may
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Holiday Inn Garden Court™, Holiday Inn SunSpree<sup>®</su Holiday Inn Family Suites Resort^{®}, Staybridge

Suites^{®} by Holiday Inn^{®},

Staybridge™, Forum^{®}, Parkroyal^{®}, Centra^{®}, Priority Club^{®}, Six Continents Club^{®}, We Know What It Takes™, Audley's™, Insider™, Little Things That Make The Difference™, In An Instant™, Worldlink™, The Place to Meet™, Meeting Options™, Business Options™, Leisure Options™,

Weekend Options™, Meeting Success™, More Is

Better^{®}, What Matters

Most™,Kidsuites^{®}, Best-4-

Breakfast^{®}, Holidex^{®},

Holidome^{®}, Stay With Someone You Know^{®},
Great Rates™, Best Breaks™, Heart to Heart™, Stay

Smart^{®}, Express Start™, Smart Roast

Coffee™, Sleep Advantage™ and Make It Your Place,

Candlewood^{®},Candlewood Suites^{®},Candlewood

Cupboard^{®}, Any Suite, Any Time^{®}, Our
Place.Your Space^{®}, Delivering Exceptional

Value^{®}, Fastest Reservations In The

World^{®}, Equarantee A Suite

Anytime; www.candlewoodsuites.com < sup > & reg; < / sup > ,

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</div>
<div id="access">



```
<!--<p>Please accept the Terms & amp; Conditions and check
the access code.-->
<form name=loginform method=post</pre>
action=/usg/process?OS=http://guest.ichotelsgroup.com/hi-AAAAA>
     <input type=hidden name=FNAME value="1">
     <input type=hidden name=button value="OK">
     <input type="Submit" value="I Accept - Access the Internet">
     </div>
 </div>
 <div id="footer"></div>
</div>
</body>
</html>
```

Holiday Inn Express

- 1. Create a subdirectory on your disk and extract all of the files from the HIEX_eHost.zip folder into that subdirectory.
- 2. Use a text editor (Notepad, etc) to modify the **hiex.htm** file to reflect the proper eHost landing page. Change the AAAAA code to the 5-digit code the hotel has been given by IHG. Save the file back to disk.
- 3. Use an FTP client (SmartFTP, WSFTP, etc) to FTP the contents of the subdirectory into the /flash/web directory on the NSE.
- 4. Use the web management Subscriber Interface->Local Web Server option to add the files under the appropriate categories: .htm and .css under "Web Page File Names" .gif and .jpg under "Image File Names". Reboot the NSE after this step.

Local Web Server Setup	
Notes: 1) Limit the total size of Web Pages and Images to 200 KB. 2) The Pre-Authentication Pages and Images are available at http://nseip:1111/web/ <filename> or at https://nseip:1112/web/<filename> 3) The Post-Authentication Pages and Images are available at http://nseip:3111/web/<filename></filename></filename></filename>	
Web Page File Name: Add Remove	
Current Web Pages styles.css hiex.htm	
Image File Name: Add Remove	
Current Images bg.gif hiexlogo.gif hiex_to1.gif staysmrt.gif	
NOTE: You must reboot for configuration changes to take effect.	
Reboot	

5. Under Configuration->AAA enable AAA, enable Portal Page Redirect and enter the URL http://NSE_ip_addr:1111/web/hiex.htm, replacing "NSE_ip_addr" with the TCP/IP address of the NSE's WAN interface - press Submit.



- 6. Also under Configuration->AAA, disable User Names and enable New Subscribers press Submit.
- 7. Under Subscriber Administration->Current, set the idle timeout to 300 or less (5 minutes or less) press Submit.
- 8. Under Configuration->Home Page Redirect, enable HPR, enter the URL provided below. Replace the AAAAA with the 5-digit code your property has been assigned. Disable Parameter Passing and enter 0 for Redirection Frequency press Submit.

Home Page Redirection Settings	
Home Page Redirection	☑ Enable
Home Page URL	http://express.ihg.com/AAAAA
Parameter Passing	☐ Enable
Redirection Frequency (minutes)	0
Submit Reset	

User Experience - Holiday Inn - hiex.htm

Holiday Inn EXPRESS'

Welcome to Holiday Inn Express[®] high speed Internet access

It's free - just click and go.

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Accept - Access the Internet

HTML Notes – hiex.htm

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"</pre>
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"</pre>
/>
<link href="styles.css" rel="stylesheet" type="text/css" />
<title>Holiday Inn&reg; eHost&trade; | Terms &amp; Conditions</title>
</head>
<body>
<div id="wrapper">
  <div id="header"><img src="hiexlogo.gif" alt="Holiday Inn</pre>
Express®" border="0" width="269" height="72" /></div>
  <div id="main">
    <hl id="text_tc"><img src="hiex_tcl.gif" alt="Welcome to Holiday
Inn Express® high speed Internet access - Please Log In"
width="576" height="79"/></h1>
    Please read the Terms & amp; Conditions. If you accept the Terms,
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    <div id="termsconds">
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Better^{®}, What Matters

Most™, Kidsuites < sup > & reg; < / sup > , Best - 4 -

Breakfast^{®}, Holidex^{®},

Holidome^{®}, Stay With Someone You Know^{®}, Great Rates™, Best Breaks™, Heart to Heart™, Stay

Smart^{®}, Express Start™, Smart Roast

Coffee™, Sleep Advantage™ and Make It Your Place,

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Cupboard^{®}, Any Suite, Any Time^{®}, Our Place.Your Space^{®}, Delivering Exceptional

Value^{®}, Fastest Reservations In The

World^{®}, Equarantee A Suite

Anytime; www.candlewoodsuites.com < sup > & reg; < / sup > ,

Webexpress^{®}, Where Value Stays^{®}, Your Studio Hotel<sup>®

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</div>
<div id="access">



```
<form name=loginform method=post</pre>
action=/usg/process?OS=http://express.ihg.com/AAAAA>
     <input type=hidden name=FNAME value="1">
     <input type=hidden name=button value="OK">
     <input type="Submit" value="I Accept - Access the Internet">
    </form>
  </div>
 </div>
 <div id="footer"> <img src="staysmrt.gif" alt="Stay Smart&reg;"</pre>
width="68" height="24"/> </div>
</div>
</body>
</html>
```