



SMART CITY  
 3720 HOWARD HUGHES PKWY  
 LAS VEGAS, NEVADA 89109  
 888-446-6911  
 702-943-6001 (FAX)

## LAS VEGAS CONVENTION CENTER NETWORK SERVICE CONTRACT

Company Name		Booth / Room	Show Name: NAB 2005
Billing Name		Show Dates: 04 / 18 / 05 To 04 / 21 / 05	
Billing Address		Orders are late starting: 03 / 22 / 05	
City, State/Country, Zip		E-Mail	
Contact	Telephone Number ( ) -		Fax Number ( ) -
Credit Card No.	Expiration /	Cardholder Signature (1)	Print / Type Cardholder Name

Description of Service	Type	QTY	( Price + Deposit )	Total
<b>1. Standard Line Services ( 10-Base-T ):</b>				
a. Shared Ethernet Service (Single Public IP address)	SE		( \$ 1,295 )	
b. Additional Public IP Address / Device (Ethernet)	IA-S		( \$ 150 )	
c. Shared EtherNAT Service (Single Private IP address)	NE		( \$ 995 )	
d. Additional Private IP Address / Device (EtherNAT)	IA-N		( \$ 125 )	
e. RapidData® T-1 Internet Services (Includes 29 IP addresses)	TS		( \$ 5,900 )	
f. Wireless Internet (Up to 256 Kbps) (See Note 5)	WI		( \$ 650 )	
<b>2. Equipment Rental</b>				
a. 8 Port Hub Rental – 10 Base T	H8		( \$ 150 + \$ 150 )	
b. 24 Port Hub Rental – 10 Base T	H4		( \$ 225 + \$ 150 )	
c. 50 foot Patch cable – Cat 5	PC		( \$ 50 )	
<b>3. Special Line services (For 3<sup>rd</sup> Party Circuit Extensions - Must order circuit from local Bell Co or Other Provider)</b>				
a. T-1 Extended data circuit from D-Mark to Booth (See Note 8)	T2		( \$ 2,000 )	
b. DS-3 Extension from D-Mark to Booth (See Note 8)	T3		( \$ 9,000 )	
c. Labor / Floor Work Fee per hour (Cabling run by SC - Note 3)	FW	___/hr	( \$ 75 )	
d. Coax Cable Run (Customer provided cable) (See Note 3)	CX		(Call 888-446-6911 for quote)	
e. Point to Point and Multi-Point Networking (See Note 3)	MI		(Call 888-446-6911 for quote)	
f. Special Configurations / Engineering / VPN / Web Casting	VP/MI		(Call 888-446-6911 for quote)	
g. Special Quote – Attachment A or SOW (if applicable)	MI		(Call 888-446-6911 for quote)	
<b>4. Expedite Charge \$250 per Line (if ordered less than 21 days prior to 1<sup>st</sup> day of show move-in)</b>			<b>x (number of lines)</b>	
<b>5. On Site / Move-In order fee of \$500 per line (if ordering service after show move-in has started)</b>			<b>x (number of lines)</b>	
<b>6. Distance Fee of \$500 for each line outside the Convention Hall</b>			<b>( \$ 500 ) x (number of lines)</b>	
			<b>SUBTOTAL</b>	
<b>Unused portions of deposits returned with final billing.</b>			<b>ESTIMATED 10% TAX / FEES DEPOSIT = SUBTOTAL x 10%</b>	
<b>TOTAL PAYMENT MUST ACCOMPANY ORDER. Credit Card users may fax order to 702-943-6001</b>			<b>GRAND TOTAL</b>	

**Notes:**

- For your convenience we will use this authorization to charge your credit card for any additional amounts incurred.
- Smart City accepts payment in US dollars, Checks drawn on a US bank or the following credit cards: (AMEX, VISA, MC). *Make all checks payable to: Smart City.*
- Smart City has the **exclusive contract to install** all voice and data communications **cabling**. This includes all cabling to booths, within booths (under carpet and flooring) and from booth-to-booth. Fiber optic, twisted pair (category 3 and 5), Co-axial and all other data and telephone cables fall under Smart City's area of responsibility.
- Installations are due 24 hours prior to show opening.
- Smart City is the exclusive provider of all voice, wired and wireless data services. **Wireless Devices not authorized by Smart City are strictly prohibited.** Anyone wishing to showcase wireless products must contact Smart City three weeks in advance of their show to investigate the potential of Smart City engineering a customized cohesive network operating without interference.
- Rates listed include a single IP address, bringing the service to the booth in the most convenient manner and does not include computer equipment, NIC card, TCP/IP software or power to the booth.
- 10Mbps and less service are provided on 10Mbps Ethernet based connectivity with RJ-45 jacks for each connection ordered.
- T-1 / DS-3 orders must be placed 45 days prior to move-in date.

\*\*\*\*\* **Credit card authorization must be on file for all Services and applicable Taxes / Fees.** \*\*\*\*\*

**Customer Acceptance of Terms and Conditions:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Indicate location in Booth With an X. Island <input type="checkbox"/> Standard <input type="checkbox"/> <b>Important!!</b> <b>Include floor plan w/orientation. A move fee starting at \$ 200 per line may apply to relocate the circuit after it is installed.</b>	Aisle # _____  Aisle # _____	FOR SMART CITY USE:	Type of Service:	Exhibitor No. <b>05-030-920-</b>	
			Payment Rec'd:		
	Special Instructions:		CSR: _____ Date: _____		
	IP Address	Subnet	Gateway	Primary DNS	Secondary DNS

## LIMITATION OF LIABILITY

Except for claims for physical injury to persons, Smart City and its suppliers or subcontractors will not be liable for any special or consequential damages, or for loss, damage or expense directly or indirectly arising from customer's use or inability to use the system either separately or in combination with other equipment or software, or for commercial loss of any kind (including loss of business profits) based upon breach of warranty, breach of contract, negligence, strict tort or any other legal theory whether or not Smart City or its suppliers or its subcontractors have been advised of the possibility of such damage or loss. Some states do not allow limits on warranties or on remedies for breach in certain transactions, in such states; the limits in this section may not apply. In no event shall liability exceed a refund of amounts actually paid to Smart City by company for their network attachment.

(1) All Exhibitor Contracts are solely between Smart City and the prospective Exhibitor; (2) Smart City is not the employee, agent, or partner of the Facility; (3) The Facility is not a party to, nor shall it have any obligations or liabilities whatsoever to any Exhibitor, under any Exhibitor Contract, including without limitation, the obligation to provide any of the services covered by such Exhibitor Contract; (4) No representations or warranties are being made by the Facility with respect to any Exhibitor Contract or any Communications Services; (5) The right of the Exhibitor to receive any Communications Service will be terminated if this Agreement is terminated for any reason provided therein; and the Facility will have no obligation to continue providing such services unless the Facility elects in its sole discretion to continue to provide such services itself or through a third party; (6) The provisions of the Exhibitor Contract are separate and independent from the provisions of the exhibitor's lease space in the building and shall not affect the exhibitor's obligations under such lease and without limiting the foregoing, in no event shall any default by Smart City under the Exhibitor Contract or any failure with respect to any Communications Services have any effect on any Exhibitor's obligations to the Facility under any lease or other occupancy agreement between such Exhibitor and the Facility.

## TERMS AND CONDITIONS

1. **Payment in full** and order must be received no later than 21 days prior to the first day of show move-in or a **\$250.00 per circuit expedite charge** will be applied. If ordering on site or after show move-in has started there is a **\$500.00 per circuit** charge applied.
2. The prices listed on this contract do not include Federal, State, Local or Other Taxes and Tax surcharges. Taxes/Tax surcharges will be included on your final bill. Smart City's Federal ID is 65-0524748.
3. **Conditions for processing service contract / On-time Installation:**
  - (a) Payment for service must accompany contract.
  - (b) Incomplete contract forms will delay processing, please provide all information requested.
  - (c) Booth number(s) must be identified on face of form.
  - (d) Complete Floor Plan itemizing location of circuit(s) in booth must be designated on form or customer provided diagram(s) 2 days before move-in date.
  - (e) Customer provided / ordered circuits must be installed and working 2 days before show move-in.
  - (f) Customers must provide Smart City with Circuit Number and Provider's name.
  - (g) Orders / changes received within 3 days of show move-in will be worked after other orders are complete.
4. **Equipment Management:**
  - (a) Exhibitors should pick up hubs, wireless devices and other rental equipment at the Smart City Service Desk. Unused deposits paid will be refunded by mail within 60 days of show close following final reconciliation of your bill.
  - (b) The exhibitor will be fully responsible for the protection and safekeeping of rental equipment and will be responsible for returning all rental equipment to the Smart City Service Desk by 5:00 p.m. the day following close of the show.
  - (c) The Smart City Service Desk will be open to handle equipment rentals during move-in and show.
5. Any problems should be reported to the Smart City Service Desk.
6. Claims will not be considered unless filed in writing by Exhibitor prior to close of Show.
7. **Any additional cost incurred by SMART CITY to: 1) assist in trouble diagnosis or problem resolution found not to be the fault of SMART CITY or 2) collect information required to complete the installation that customer fails to provide may be billed to the Exhibitor at the prevailing rate.**
8. Only Smart City personnel are authorized to modify system wiring or cabling. Material and equipment furnished by Smart City for this service contract shall remain the property of Smart City.
9. Due to the cost of processing checks, any refunds due in the amount of \$10.00 or less will not be refunded except on request.
10. There will be a \$25.00 service charge for all returned checks.
11. The choice of Internet Service Provider (ISP) is at the sole discretion of Smart City.
12. **CANCELLATION** - There is a minimum \$150 Cancellation fee. Cancellations must be in writing. Additional cancellation charges will apply for orders that have already incurred labor, material, and / or engineering costs. Some broadband services and special circuits cannot be cancelled once ordered and will incur full charges listed / quoted. Credit will not be given for service installed and not used.

13. **Use of Network Connection:**
  - (A) The network attachment to be provided by Smart City may be used only by the directors, officers and employees of the company, its guests and its agents and consultants while performing service for the company and **cannot be resold or distributed to other companies**. The services being provided by Smart City will facilitate communications between the Company's authorized users and the entities reachable through the national Internet. Users of Smart City services shall use reasonable efforts to promote efficient use of the networks to minimize, and avoid if possible, unnecessary network traffic and interference with the work of other users of the interconnected networks.
  - (B) Users of Smart City services **shall not disrupt** any of the Smart City or other associated networks as a whole or any equipment of system forming part of their systems, or any services provided over, or in connection with any of the Smart City or other associated networks. Smart City services shall not be used to transmit any communication where the meaning of the message, or its transmit distribution, would violate any applicable law or regulation or would likely be highly offensive to the recipient or recipients thereof.
  - (C) All devices for which Smart City directly or indirectly provides Internet/Network connectivity must pay a **device charge or purchase a Smart City assigned IP address**.
14. **Wireless Specific:** The use of any wireless device that interferes with the facility wireless data frequency is prohibited. Also, see note #5, front of form.
15. **Internet Performance Disclaimer:** Smart City does not guarantee the performance, routing, or throughput, either expressed or implied, of any data circuit(s) connectivity with regards to the Internet and/or Internet backbones beyond any facility we service.
16. **Internet Security Disclaimer:** Smart City does not provide security, such as but not limited to firewalls etc. for any data circuit(s) we provide. It is the sole responsibility of the exhibitor or customer to provide any necessary security. With execution of this document the Customer is agreeing to the Terms and Conditions of this document and will hold Smart City; its agents and contracts harmless for any and all liabilities arising from the use of non-secured data circuits.
17. **VIRUS PROTECTION REQUIREMENT – WARNING** - Smart City requires that all devices directly or indirectly accessing Smart City's Network have the latest virus scan software, windows security updates, system patches, and any other technological precautions necessary to protect yourself and others from viruses, malicious programs and other disruptive applications. Any device which adversely impacts Smart City's Network will be disconnected from the network with or without prior notice at Smart City's discretion. The device(s) in question will remain disconnected from the network until all issues are adequately resolved. Additional charges may apply for trouble diagnosis and/or problem resolution.

### Complete and Return To

\*\*\* ORDERING SERVICES \*\*\*                      \*\*\* FLOOR PLANS \*\*\*



**MAIL CHECK OR FAX PAYMENT W/ORDER AND FLOOR PLAN TO:**  
**SMART CITY**  
 3720 HOWARD HUGHES PKWY SUITE #190  
 LAS VEGAS, NEVADA 89109  
 (888) 446-6911    FAX (702) 943-6001

# Network Security Declaration

Smart City has a Network Security Policy that requires adherence to several necessary precautions in order to maintain a healthy, viable network. This signed declaration of compliance with our network security requirements and acknowledgement of our filtering policies must be completed, signed and mailed or faxed to Smart City prior to your network services being activated.

Smart City requires that all devices directly or indirectly accessing Smart City's network have the latest virus scan software, Windows® security updates, system patches, and any other technological precautions necessary to protect yourself and others from viruses, malicious programs, and other disruptive applications. Any device which adversely impacts Smart City's network may cause service interruptions to yourself and others which can lead to disconnection of your equipment from the network, with or without prior notice at Smart City's discretion. The device(s) in question will remain disconnected until all issues are adequately resolved. All charges will apply and no refunds will be given. Additional charges may apply for trouble diagnosis and/or problem resolution.

In addition to the above policy and in the interest of enhanced network security, Smart City has implemented filtering policies on all Internet routers. These filters block all ICMP (Ping, Traceroute, etc.) either destined to or sourced from any Smart City network. Further, to avoid infection by common Internet worms (Nachi, MSBlaster, LoveSAN, etc.), we have implemented similar filters on the following TCP and UDP port numbers: UDP – 69, 137, 138, 402, 1434 and TCP – 135, 139, 402, 445, 4444.

Understanding that Ping and Traceroute are valuable troubleshooting tools, Smart City's policy allows Internet Control Message Protocol (ICMP) packets to the following two hosts: ns1.smartcity.com and ns2.smartcity.com.

If you require inbound or outbound access to any of the filtered ports, please contact your Smart City customer service representative in advance of your event with details of your requirements so that Smart City may consider the potential of a customized alternative.

Your business is important to us and with advanced and timely notification of your needs we are confident that we can provide network services that perform as expected for all clients.

**\*\*\* Please inform all show site personnel about the importance of Smart City's Network Security compliance issues \*\*\***

**\*\*\* Services are activated after Smart City is in receipt of this signed declaration of compliance with our network security requirements \*\*\***

CONVENTION CENTER: Las Vegas CC (030) - NV CUSTOMER REF NO: 05-030-920-

SHOW NAME: NAB 2005 BOOTH NUMBER: \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_ Are You Renting Computers?  Yes  No

Rental Company Name: \_\_\_\_\_ Contact Number: \_\_\_\_\_

Device(s) Operating System: \_\_\_\_\_ Total # of Devices: \_\_\_\_\_

Type of Anti-Virus Software Installed:  Norton  McAfee  Other: \_\_\_\_\_

Virus Scan Last Updated: \_\_\_\_\_ Date Security Updates Last Performed: \_\_\_\_\_ Date

By my signature below, I attest that my equipment, which will be connected to Smart City's network at the above mentioned Convention Center and Show/Event, from beginning date of: 04 / 11 / 05 through ending date of: 04 / 25 / 05 has been properly protected, contains anti-virus software, and the latest patches and security updates have been installed. I also accept responsibility for my equipment's performance and understand the conditions placed on service delivery by this document as well as the potential that additional charges may be incurred should my equipment be found to adversely impact the network's performance.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title



# Wireless Performance Declaration

Center: Las Vegas CC (030) - NV Company Name: \_\_\_\_\_  
Show: NAB 2005 Booth/Room #: \_\_\_\_\_

## Overview

Smart City is proud to be the exclusive provider of wireless services in the Las Vegas Convention Center. The wireless service offers Internet access at speeds up to 256K servicing exhibitors as well as attendees. The actual maximum bandwidth available depends on how many users are accessing the network simultaneously at any given time. Streaming applications, DHCP, routers, NAT or proxy servers are not allowed with this connection. However, Smart City will happily engineer a dedicated private network to accommodate your needs. Please call for quote.

Please be advised that this is an entry level service ideal for web surfing and checking email. Smart City's wireless network can be accessed throughout the convention center by using a Wi-Fi® compatible 802.11 b/g network card or one of our rental bridge units (as we have a limited quantity of bridge units, please call for availability).

Smart City strives to provide seamless service so that all of our customers may have the most successful show possible. However, wireless service is inherently vulnerable to interference from other devices that transmit similar radio frequency signals or that operate within the same frequency spectrum. While we work tirelessly to properly manage the airwaves of our wireless system, we cannot guarantee that interference will not occur. For that reason this service is **NOT** recommended for product presentation or demonstrations. If you plan to demonstrate or present products, via the internet, we highly recommend that you purchase our hard wired services such as Shared Ethernet, Shared EtherNAT or T-1 service.

If you are unsure which of our products will best suit your needs please call our Customer Service Department at (888) 446-6911 and one of our Customer Service Representatives will be happy to assist you.

## Restrictions and Special Requests

Due to the extensive coverage Smart City provides for the Las Vegas Convention Center, no access points are authorized for use within the Las Vegas Convention Center without Smart City approval (wireless access points without adjustable power outputs can not be authorized under any circumstances). Exhibitors who set up their own wireless system can interfere with the current wireless network. Therefore, Smart City requires all exhibitors **showcasing wireless products** to contact us 21 days prior to the show move-in date so that we may engineer a cohesive network operating without interference (all approvals will incur a site survey fee). Per our Terms and Conditions listed on our Network Service Contract, misuse of any wireless service may result in service interruption to yourself or other exhibitors and can lead to disconnection of your equipment. **No refunds will be given.**

## **ALL WIRELESS ACCESS POINTS NOT AUTHORIZED BY SMART CITY ARE PROHIBITED.**

**By my signature below, I attest that I understand the limitations and vulnerabilities of the wireless service provided by Smart City. I also understand that if I use this service for any reason including, but not limited to, demonstrating, showcasing or presenting my product(s), Smart City will not be responsible for possible interference that I may experience. Refunds will not be given for service issues found not to be the fault of Smart City. \*\*\* Upon receipt of this form, Smart City wireless services will be activated for your use. \*\*\***

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Email: \_\_\_\_\_ Contact Phone No: \_\_\_\_\_



# Floor Work/Labor – Communication Cables

Center: Las Vegas CC (030) - NV  
 Show: NAB 2005

Booth Name: \_\_\_\_\_  
 Booth/Room #: \_\_\_\_\_  
 Customer/Ref: 05-030-920-

**Smart City has the exclusive contract to install all Voice and Data communications cabling.** This includes cabling to booths, within booths (under carpet and flooring) and from booth-to-booth. Fiber Optic, twisted pair (Category 3 and 5), co-axial and all other data and telecommunication cable fall under Smart City's area of expertise.

**IMPORTANT!!** Prior to installation of service, a complete floor plan is required. Please utilize this grid should you not have your own floor plan to send us. You may use a different floor plan for each service group (Telephone, Internet etc) or combine on one floor plan. For a floor plan to be considered complete it **must** include all the information listed below (Main drop "MDL", designated location of items within the booth, surrounding booths, scale-length and width).

Adjacent Booth or Aisle# \_\_\_\_\_


Adjacent Booth or Aisle# \_\_\_\_\_

**X** = Main Distribution Location (**MDL**) – The originating line(s) for service, whether from overhead, a floor pocket or a column, will be delivered to a "MDL" before being distributed within your booth. Example: Storage area, back of booth, etc. (unless specified, the default for the "MDL" will be the back of the booth or at Smart City's discretion, the most convenient location). All distribution of services to their final destination within the booth will originate from the Main Distribution Location "MDL". A per line move fee will apply to relocate services within your booth after they have been engineered and/or installed.

**I** = Location of Telephones, Fax lines or other telecommunications equipment "**T**".

**I / H / P / C** = Location of primary Internet Service "**I**", Hubs "**H**", Patch Cables "**P**" and / or Computers "**C**". For Smart City to perform your floor work, you will need to indicate the location of each item you want cabled. Make sure and order your floor work, hubs, and patch cables early and in advance of the show moving in.

**Orientation** = The Booth or Aisle #'s surrounding your booth. A minimum of one surrounding Booth or Aisle # is required (two or more would be more helpful) for Smart City to accurately install your services.

**Size** = Booth dimensions (example 10x10) \_\_\_\_\_. **Scale** = 1 Box is equal to \_\_\_\_\_ ft.





# Floor Work/Labor – Communication Cables

Center: Las Vegas CC (030) - NV  
Show: NAB 2005

Booth Name: \_\_\_\_\_  
Booth/Room #: \_\_\_\_\_  
Customer/Ref #: 05-030-920-

**Smart City has the exclusive contract to install all voice and data communications cabling.** This includes all cabling to booths, **within booths (under carpet and flooring)** and from booth-to-booth. Fiber optic, twisted pair (Category 3 and 5), co-axial and all other data and telephone cables fall under Smart City's area of responsibility.

- ❖ **Labor cost** - \$75.00 an hour per technician, with a one hour minimum.
- ❖ **Floor work** - Estimated at 4 cables per hour (this is a conservative estimate assuming normal circumstances with timely request for service and a complete floor plan received at least 5 days before show move in. Charges could be greater than our estimate for a variety of reasons such as floor work was ordered late, carpet had already been laid, obstructions / physical structures and other miscellaneous issues that can make cabling more labor intensive and time consuming).
- ❖ **Smart City Cat 5 Cable** - \$50 each (50 ft. cable)

## Please select the floor work option that you will require for your booth:

**Yes**, we will need to order floor work from Smart City for our booth.

\_\_\_\_\_ Estimated number of labor hours. Please add this to our order.

**No**, we will not require floor work for our booth. We will not be laying our cables across aisles or under carpet or flooring.

## Please select the cabling option that you will require for your booth:

**Smart City Provided Cable.** We prefer Smart City to provide the cable for our booth.

\_\_\_\_\_ Number of Cat 5 Cable(s) at \$50 each. Please add this to our order.

**Exhibitor Provided Cable.** We will provide our own cable for our booth and understand the following:

- We will not be placing cable across aisles, across traffic flow areas, under carpet or under flooring.
- Smart City can only accept cable and cannot accept hubs, routers, switches or other equipment.
- Smart City cannot guarantee service on Customer/Exhibitor provided cable(s) and/or equipment. Connectivity can be guaranteed only to the point where Smart City's services originate in the booth.
- Any request for trouble diagnosis or problem resolution found not to be the fault of Smart City may be billed to the Exhibitor at the prevailing rate (for example, faulty equipment or damaged cable).
- Cable(s) must be shipped two weeks prior to the show opening to:

Las Vegas Convention Center  
3150 Paradise Rd.  
LVCC Warehouse (Door #12)  
Attn: Smart City/Chris Martinkovich  
Las Vegas, NV 89109



3720 Howard Hughes Parkway • Las Vegas • Nevada 89109 • (888) 446-6911 • (702) 943-6000 • Fax (702) 943-6001



# Internet / Networking

## **Cyber Café**

Any number of computers in one or more areas for attendees and exhibitors to browse the Internet and stay in touch with the office. Not available at all centers, call first.

## **Dedicated T-1 Circuit**

Provides dedicated access to the Internet with 1.5 Mbps of throughput reserved for your connection. Connection comes with 29 IP addresses. Additional IP addresses can be purchased. Best for Streaming applications, DHCP, Routers, Nat or Proxy Servers.

## **Dynamic Host Configuration Protocol**

Provides a mechanism for allocating IP addresses dynamically, so that addresses automatically can be reused when hosts no longer need them. This service requires special accommodation and configuration and must be arranged with Smart City in advance of the show.

## **Ethernet Services**

Utilizing our RapidDATA® network, Smart City has several levels of bandwidth. RapidDATA® uses half duplex 10 Base T Ethernet service. IP Addresses are statically assigned. Your computers must be configured to accept Ethernet. Throughput is measured in megabits per second or Mbps and kilobits per second or Kbps. Not all levels of throughput are available in every Smart City venue so please consult the enclosed order form for availability.

## **Hub Rental - 8 Port (10 Base T)**

Allows a 10 Base T Ethernet connection to be distributed to up to 7 other users. Deposit required for rental. Customer is responsible for the return of the equipment.

## **Hub Rental - 24 Port (10 Base T)**

Allows a 10 Base T Ethernet connection to be distributed to up to 23 other users. Deposit required for rental. Customer is responsible for the return of the equipment.

## **LAN / WAN / VPN Construction**

Smart City can customize the network configuration you need to make your event a success. Networking booth-to-booth, to surrounding hotels, or to your home office Intranet. Call Smart City and let us design a network that fits your needs and your budget!

## **Network Address Translation**

Is a method of connecting multiple computers to the Internet using one IP address. Allows you to have a private internal network separate from the Internet, but can receive information from it. NAT allows you to have many hosts on an internal network use the Internet via a single gateway connection. Automatically provides firewall style protection without any special setup by only allowing connections that originate on the inside of the network. This service requires special accommodation and configuration and must be arranged with Smart City in advance of the show.

## **Patch Cable - 50 foot Category 5**

Ethernet standard category 5 cable terminated with the proper jacks on either end. The default termination is RJ45.

# Internet / Networking

## **Shared EtherNAT (10 Base T) Show Network (Private IP Address)**

Smart City's Shared EtherNAT service is an entry level service that is ideal for basic web surfing and checking email. It is up to 10 Mbps, half-duplex Ethernet access to the backbone with shared internet access of up to 1.54 Mbps. The actual maximum bandwidth available is dependent upon how many users are accessing the backbone simultaneously at any given time. EtherNAT uses private IP address ranges. The private IP's all map to a single "real" IP address. Streaming applications, DHCP, Routers, Nat or Proxy Servers are not allowed with this connection, you would have to be on a dedicated private network instead .... Call for quote.

## **Shared Ethernet (10 Base T) Show Network (Public IP Address)**

Provides access to the Internet via a shared 10 Mbps, half-duplex Ethernet access to the backbone with shared internet access of up to 1.54 Mbps and greater. The actual maximum bandwidth available is dependent upon how many users are accessing the backbone simultaneously at any given time. Connection comes with a single IP address. Additional IP addresses can be purchased and multiple computers can be connected to the network using this connection. Streaming applications, DHCP, Routers, Nat, or Proxy Servers are not allowed with this connection, you would need to be on a dedicated private network instead .... Call for quote.

## **Special Circuits**

Need a bigger pipe? Smart City can provision DS3's, OC3's, or more. Call for availability and pricing.

## **Virtual Local Area Network**

A means of configuring devices (PCs) so that they can communicate as if they were attached to the same wire, when in fact they are located on a number of different LAN segments. Because VLANs are based on logical instead of physical connections they are extremely flexible, provide security through utilizing virtual private networking, and can be used to connect remote locations.

## **VPN / LAN / WAN Construction**

Smart City can customize the network configuration you need to make your event a success. Networking booth-to-booth, to surrounding hotels, or to your home office Intranet. Call Smart City and let us design a network that fits your needs and your budget!

## **WAN / LAN / VPN Construction**

Smart City can customize the network configuration you need to make your event a success. Networking booth-to-booth, to surrounding hotels, or to your home office Intranet. Call Smart City and let us design a network that fits your needs and your budget!

## **Web Casting**

Live Video or recorded videos from your event to the website of your choice.

## **Wireless Internet**

Provides shared access to the Internet with up to 256 Kbps of throughput via a Wireless Local Area Network connection. It provides wireless service for a single connection to a single computer. You will be issued a unique User ID and Password for each wireless connection ordered. You cannot utilize a hub, router, or data switch to distribute to multiple computers with this connection. Streaming applications, DHCP, Routers, Nat or Proxy Servers are not allowed with this connection, you would need to be on a dedicated private network instead .... Call for quote.



# Shared EtherNAT

## Overview

**Important! Important! Important!** Please review the “Supported Services” and “Limitations” listed to assure that our Shared EtherNAT service will provide the required functionality for any application(s) you will be utilizing. Smart City’s Shared EtherNAT service is an entry level service that is ideal for basic web surfing and checking email. It is up to 10 Mbps, half-duplex Ethernet access to the backbone with shared internet access of up to a T1 speed (1.54 Megabits). The actual maximum bandwidth available is dependent upon how many users are accessing the backbone simultaneously at any given time. EtherNAT uses private IP address ranges. The private IP’s all map to a single “real” IP address. Streaming applications, DHCP, Routers, Nat or Proxy Servers are not allowed with this connection, you would need to make arrangements for a dedicated private network instead .... Call for quote.

## Benefits

- ❑ Lower cost for the initial drop
- ❑ Lower cost for additional IP’s.
- ❑ Adds additional security because inbound internet access is restricted.

## Supported Services

- ❑ General web browsing: HTTP and HTTPS
- ❑ Outbound services originating from the center: FTP file transfer, TFTP file transfer, POP3 mail, SMTP mail, Telnet
- ❑ Most outbound remote control applications such as PC Anywhere, Citrix, and Remote Terminal
- ❑ Basic Instant Messaging

## Limitations

- ❑ Any application or service that requires an outside internet user to directly access an internal server or service such as a web server or email server in the booth
- ❑ Virtual Private Networks (VPN) will not work
- ❑ Inbound Simple Network Management Protocol (SNMP) connections will not work
- ❑ Inbound File Transfer Protocol (FTP) connections will not work
- ❑ Net Meeting will not work inbound or outbound
- ❑ Advanced features of Instant Messaging such as whiteboard sharing will not work
- ❑ Inbound remote access/control Applications such as PC Anywhere, Citrix, and Remote Terminal Service will not work
- ❑ No proxy servers or other NAT devices allowed. This includes Netgear and Linksys Cable/DSL routers. These devices will not function properly because the private IP addresses that we use will overlap with what are generally Linksys, Netgear and DLink

# Shared EtherNAT

## **RESTRICTIONS and SPECIAL REQUESTS**

Please note that all devices sending or receiving, directly or indirectly, for which Smart City provides any part of the Internet, Networking or Data connectivity, will be required to purchase a Smart City assigned Internet Protocol (IP) Address.

All uses of Shared EtherNAT Services must fall within the parameters for which it is engineered and as stipulated in Smart City's Internet / Network Service Contract.

**The following Applications and Internet Activities do not function properly using Shared EtherNAT Services and may effect other exhibitors' ability to use their Internet Services:**

- Audio, Video, Data Streaming
- Large File Transfers (over 10 Mbps)
- Network Address Translation (NAT)
- Proxy Server arrangements
- Routing Devices

For any of the above requirements or if there is the potential that your application could disrupt any of the Smart City Networks or other associated networks as a whole or any equipment of system forming part of their systems, or any services provided over, or in connection with any of the Smart City Networks or other associated networks, Dedicated Ethernet or other services should be ordered. Misuse of Shared EtherNAT Service may result in service interruption to yourself or other exhibitors and can lead to disconnection of your equipment from the Internet. All charges will apply and no refunds will be given.

If you have any Internet related needs that fall within the above-mentioned activities, please contact our customer service department to discuss optional solutions.

Your business is important to us and with advanced and timely notification of your needs we are confident that we can provide Internet Services that perform as expected for all exhibitors.

If you have any questions please contact our office at \* (888) 446-6911 \* (702) 943-6000  
\* (702) 943-6001 (fax)

Thank you!