

RSNAnet Service

Early Bird Discount: September 28, 2016 Regular: October 28, 2016

Please choose the bandwidth that will best accommodate your needs. Only traffic outside RSNAnet will be regulated. Network traffic between booths, headquarters offices, meeting suites and addresses within RSNAnet will NOT be limited.

Each connection ordered for RSNAnet will include a full subclass-C address range minus a few administrative addresses (240 addresses would remain useable for your connection).

Your specific address details will be emailed in early October..

Bandwidth

When selecting the proper bandwidth for your booth, consider the number of devices to be connected with the booth, number of devices using the Internet connection at the same time, and highest bandwidth requirement of each device. For basic activities such as checking email, 512K should be sufficient. For other activities such as product demonstration, image sharing, video streaming, a larger bandwidth should be considered. If you have any questions on the bandwidth that you should consider, please contact Joe Toman, RSNA Systems and Network Administrator, at 1-630-590-7714 or jtoman@rsna.org.

Special Networks

Secondary Drop: The primary purpose of this connection is to allow exhibitors with multiple booth locations to consolidate their IP ranges. A typical exhibitor would purchase a single drop to their main booth and then purchase subsequent drops to their other areas such as booths, workshops or meeting suites, thus sharing the primary location's bandwidth and IP structure. Only one IP address range will be supplied for the group of multiple Internet connections.

Private VLAN: If an exhibitor wishes to make private connections from their primary booth to other locations, the VLAN option should be used. The private VLAN can be used to share Internet service but a properly configured router or firewall will be required. VLAN service requires a minimum of two drops and there is no limit to the number of locations that can be connected via private VLAN. VLANs do not include IP ranges and can be addressed as desired by the user.

Ethernet Switch

RSNA does not rent Ethernet switches. 5, 16 and 24-port switches are available through Datasis, RSNA official computer contractor. Datasis' order form can be found in the exhibitor service kit.

Drop Diagram

A completed RSNAnet Connection Diagram Form or a marked floor plan of the booth, stating an exact drop location, must be submitted with the application. A marked floor plan of the booth may be submitted. If an exact drop location is not submitted with RSNAnet Service Application/ Contract, the connection will be dropped into the center of the booth property.

Drop Installation

All main Internet drops will be installed by McCormick Place no later than 4:30 p.m. on Friday, November 25 at no charge. If you require your Internet drop to be installed by a specific date/time or require the fanning of CAT5 cables from your main Internet drop to other locations within your booth, please order labor through McCormick Place Exhibitor and Technical Services Order Form found in the RSNA Service Kit.

Exhibit Booth Wi-Fi

As wireless usage has grown substantially, it has become increasingly difficult for wireless networks to operate consistently in a densely populated air space. We recommend that any device or connection within your booth be wired whenever possible, especially if being used to showcase or demo a product or service. If you must set-up your own booth Wi-Fi, we ask that you follow these recommendations:

- Place the Wi-Fi equipment on the floor or low to the ground
- Any directional antennas should be pointed into your booth as not to interfere with neighboring booths
- If possible, turn down the strength
- Set the channel to auto
- Use one of the following wireless protocols: 802.11a/g/n.
- It is recommended to operate in the 5 GHz band; 2.4 GHz access is limited
- Look at the contents of your booth, any metal is likely to block the Wi-Fi signal
- Use a password to protect your bandwidth
- To achieve optimal performance, MiFi and Personal Hotspots are discouraged.
- Do not include RSNA in your SSID name.

RSNAnet staff will perform periodic checks on the exhibit floors to check for signal strength and channel usage. If any onsite changes are necessary, RSNAnet staff will contact you directly to discuss any required changes.

Questions:

If you have any additional questions, please contact:

Technical

Joe Toman
Systems and Network
Administrator
1-630-590-7714
jtoman@rsna.org

OR

Dave Christiansen
System Specialist
1-630-590-7718
dchristiansen@rsna.org

Advance Ordering

John Jaworski
Director: Technical Exhibits
1-630-571-7855
jjaworski@rsna.org

Onsite Ordering

(Nov. 18 - Dec. 1)
North and South Buildings
RSNAnet Desk
Exhibitor Service Center

Onsite Network Problems

When testing your equipment at RSNA 2016 and you discover an issue, contact RSNAnet Support at 1-312-949-3214.

RSNAnet Service Application/Contract

Early Bird Discount: September 28, 2016 Advance Deadline: October 28, 2016

1. Contact Information: (Please print or type)

Company		Booth Number	
Address			
City	State/Province	ZIP/Postal Code	Country
Business Contact	Title	Telephone	Email Address
Technical Contact	Title	Telephone	Email Address

2. RSNAnet: The fee per connection includes 10/100/1000Base-T standard RJ-45 male connector and 1 subclass-C IP address range (240 usable addresses).

MAXIMUM INTERNET BANDWIDTH	QUANTITY	EARLYBIRD RATE (BY SEPTEMBER 28)	ADVANCE RATE (BY OCTOBER 28)	ONSITE (AFTER OCTOBER 28)	SUBTOTAL (QUANTITY X RATE)
Up to 512K		\$1,000	\$1,300	\$1,600	
Up to 1.5Mb		\$2,000	\$2,300	\$2,600	
Up to 3Mb		\$3,000	\$3,300	\$3,600	
Up to 5Mb		\$4,000	\$4,300	\$4,600	
Up to 10Mb		\$6,000	\$6,300	\$6,600	
Up to 20Mb		\$12,000	\$12,300	\$12,600	
Up to 40Mb		\$20,000	\$20,300	\$20,600	
Private VLAN (minimum 2)		\$1,000	\$1,300	\$1,600	
Secondary Drop		\$1,000	\$1,300	\$1,600	

Note: Fee includes city and state sales tax.

Grand Total \$ _____

3. Ethernet Switch: 5, 16 and 24-port switches are available through Datasis, official RSNA Computer Contractor. See Service Kit for Datasis order form.

4. Installation Labor: All main Internet drops will be installed by 4:30 p.m. on Friday, November 25 at NO CHARGE. If you require your Internet drop to be installed by a specific date/time OR if you require fanning of CAT 5 cables, please order labor through McCormick Place Exhibitor and Technical Services Department. See Service Kit for McCormick Place Order Form.

5. Payment:

- Check enclosed (in U.S. funds drawn on U.S. bank) payable to RSNA
- Wire Transfer (see Terms and Conditions for details)
- Credit Card
 - American Express MasterCard Visa
 - Discover Diners Club

Card Number _____ Exp. Date _____

Name as it Appears on Card _____

X _____
 Authorized Signature

I have read, understand and agree to the RSNAnet Service Terms and Conditions above and on the reverse side of this form.

Agreed to

X _____
 Signature of Main Exhibit Contact Date

Return your signed application/contract and drop diagram to:

RSNA Meetings Department
 820 Jorie Blvd.
 Oak Brook, IL 60523-2251
 Fax: 1-630-571-2198

For Office Use Only

CO #	Amount Received	Payment Type	Batch

RSNAnet Connection Diagram

Please complete the Connection Diagram Form and submit with your RSNAnet Services Application/Contract. A different form must be completed for each drop request, even if they are located in the same booth. In lieu of this form, a clearly marked floorplan/booth drawing may be submitted. This form may be copied.

All main Internet drops will be installed by 4:30 p.m. on Friday, November 25 at NO CHARGE. If you require your Internet Service to be installed by a specific date OR if you require fanning of CAT 5 cables, please order labor through McCormick Place Exhibitor and Technical Services Department. See Service Kit order form for details.

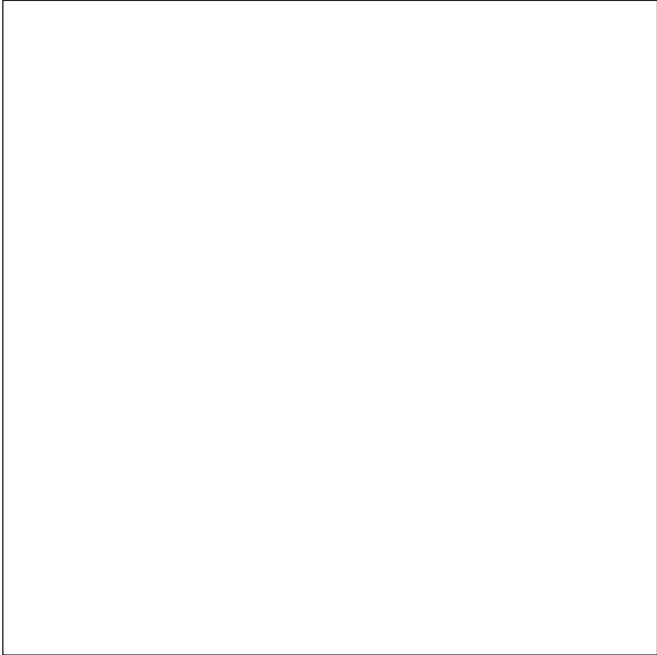
All Internet connections will be pulled from the floor ports at McCormick Place.

Company Information

Company Name	Booth Number	<input type="checkbox"/> A <input type="checkbox"/> B Hall (check one)
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Booth Diagrams

Please indicate the drop location with an "X"

Adjacent Booth # _____		Adjacent Booth # _____
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This box does not indicate the size, shape or orientation specific to your booth.

Questions:

If you have any additional questions, please contact:

Technical
Joe Toman
Systems and Network Administrator
1-630-590-7714
jtoman@rsna.org

OR

Dave Christiansen
System Specialist
1-630-590-7718
dchristiansen@rsna.org

Ordering
John Jaworski
Director: Technical Exhibits
1-630-571-7855
jjaworski@rsna.org

RSNAnet Service Contract Terms & Conditions

RSNA has implemented a tiered-pricing structure so that exhibitors needing only limited access to the Internet will find a more cost-effective solution. A maximum bandwidth or throughput to the Internet has been set for each of the seven pricing levels. Please choose the size that will best accommodate your needs. Only traffic outside RSNAnet will be regulated. Network traffic between booths, headquarters offices, meeting suites, and addresses within RSNAnet will NOT be limited. For each network drop that you purchase, you must choose your maximum bandwidth for that specific connection.

Address Assignments

RSNA sees no need to charge you extra for additional IP addresses; therefore, each connection ordered for RSNAnet will include an 10/100/1000Base-T standard male connector and a full subclass-C address range minus a few administrative addresses (240 addresses would remain useable for your connection). Your specific address details will be emailed in early-October.

Secondary Drop Option

RSNA has added the option for multiple Internet connection pricing. The primary purpose of this connection is to allow exhibitors with multiple booth locations to consolidate their IP ranges. A typical exhibitor would purchase a single drop to their main booth and then purchase subsequent drops to their other locations, thus sharing the primary location's bandwidth and IP structure. Only one IP address range will be supplied for the group of multiple Internet connections.

Private VLAN Option

If an exhibitor wishes to make private connections from their primary booth to other locations, the VLAN option should be used. The private VLAN can be used to share Internet service but a properly configured router or firewall will be required. VLAN service requires a minimum of two drops and there is no limit to the number of locations that can be connected via private VLAN. VLANs do not include IP ranges and can be addressed as desired by the user.

Drop Location

A completed RSNAnet Connection Diagram Form or a marked floor plan of the booth, stating an exact drop location, must be submitted with the application. A marked floor plan of the booth may be submitted.

If an exact drop location is not submitted with RSNAnet Service Application/Contract, the connection will be dropped into the center of the booth property. The connection(s) must be installed prior to move-in. Exhibitors are responsible for contracting with McCormick Place for all interconnections within the booth and will be billed on a time and material basis.

Wireless Internet Access

RSNA will offer complimentary wireless internet throughout McCormick Place. This service is designed for casual users and not guaranteed. If you are relying on the Internet to showcase your product or service we strongly recommend a wire Internet connection for consistent service.

Exhibit Booth Wi-Fi

As wireless usage has grown substantially, it has become increasingly difficult for wireless networks to operate consistently in a densely populated air space. We recommend that any device or connection within your booth be wired whenever possible, especially if being used to showcase or demo a product or service. Wireless networks may be unreliable, so to ensure the best possible wireless experience for everyone, we ask that you follow these recommendations:

- Your wireless access point(s) must have adjustable power settings, set as low as possible
- Set the channel to auto. RSNAnet staff may ask you to change if necessary
- Please use one of the following wireless protocols: 802.11a/g/n. It is recommended to operate in the 5 GHz band whenever possible due to limited availability in the 2.4 GHz band
- Please mount your equipment within your space as low as possible
- Any directional antennas should be pointed into your space as to not interfere with surrounding areas
- Please ensure your wireless network is secure
- To achieve optimal performance, MiFi and Personal Hotspots are discouraged.
- Do not include RSNA in your SSID name.

RSNAnet staff will perform periodic checks on the exhibit floors to check for signal strength and channel usage. If any onsite changes are necessary, RSNAnet staff will contact you directly to discuss any required changes.

Payment Schedule

Application must be paid in full by a payment in U.S. funds drawn on a U.S. bank. Checks should be payable to the Radiological Society of North America, Inc. By sending your check, you authorize RSNA to convert the check into an electronic funds

transfer. Please be aware that your bank account may be debited as soon as the same day we receive your payment.

Exhibitors may wire transfer payment to:

JP Morgan Chase Bank, NA
10 S. Dearborn St.
Chicago, IL 60603, USA
ABA Transit Number 071000013
Swift Code: CHASUS33
Account Number: 4184254

All fees associated with wire transfers are the responsibility of the exhibiting company (approx. \$20.00 per wire transfer).

Application requires a completed RSNAnet Connection Diagram Form stating an exact drop location. Diagram form must be submitted by the appropriate rate deadline to receive the discounted rate.

Exhibitors are responsible for contracting with McCormick Place for all inter-connections within the booth and will be billed on a time and material basis.

Technical Information/When You Arrive

In spite of our best efforts, problems may occur with your RSNAnet connection. If you suspect that there is a problem, please first determine if the source of the problem is inside the booth. If you have done this and still feel there is a problem, you should report it to **RSNAnet Support. You can reach them onsite at 1-312-949-3214.**

RSNA may temporarily or permanently terminate this contract or suspend services if it is determined that the exhibitor's connection is causing a negative impact on the Network (i.e., failing equipment, virus-compromised equipment, etc.).

RSNA cannot be held liable for network downtime due to issues beyond RSNA's control.

All connections will be pulled from floor ports. The cables will be activated beginning Friday, November 25, 2016. In other areas, the 10/100/1000Base-T connections are from floor ports. RSNAnet crews will test the cables at that time and tag them with the technical information specific to each company. RSNAnet crews will be available to assist you with feeding the media into your booth. You are responsible for providing the 10/100/1000Base-T equipment required to complete your network connection.

Network Architecture

RSNAnet is a multi-vendor Gigabit Ethernet backbone that supports the TCP/IP protocol. Booths are connected to the backbone via 10/100/1000Base-T utilizing Level 5 unshielded twisted pair.

Ethernet connections to exhibitor equipment is via a length of UTP terminated in an RJ-45 plug (male) at both ends. Every attempt will be made to provide exhibitors with as much Ethernet bandwidth internal to the show as possible. RSNAnet makes extensive use of Ethernet routers and switches to segment the network **and provide redundancy where possible.**

Special arrangements can be made to accommodate exhibitors who have routers in their booths. Internet access is dual-homed with redundant connections to the Internet service providers.

Inquiries and Concerns

To ensure a timely response to your questions, whether general or technical, contact the appropriate individual below:

Contacts

Before November 17

Technical

Joe Toman
Systems and Network
Administrator
1-630-590-7714
jtoman@rsna.org

Dave Christiansen
System Specialist
1-630-590-7718
dchristiansen@rsna.org

Ordering

John Jaworski
1-630-571-7855
jjaworski@rsna.org

Onsite (November 18 – December 1)

Technical

RSNAnet Support
1-312-949-3214

Ordering

RSNAnet Desk
North Building & South Building:
Exhibitor Service Center