**Mailing Address: Peering Coordinator: Treasurer:**

Midwest Internet Cooperative Exchange Jason Hanke Kayla Olsen

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Mankato, MN 56002-0153 612-877-6500

**MICE Order Form**

All fields are required to be completed. Please return the completed form to [peering@micemn.net](mailto:peering@micemn.net). If you require a counter-signed copy, please CC [chiefmanager@micemn.net](mailto:chiefmanager@micemn.net).

**Company Name:** Click or tap here to enter text.

**Federal Tax ID:** Click or tap here to enter text.

**Billing Email Address:** Click or tap here to enter text.

**Peering Email Address:** Click or tap here to enter text.

Your billing email is for MICE use only. Your peering email address will be listed publicly in the participants list on the MICE website: <http://micemn.net/participants.html>

If you are a remote switch operator who is also a peering participant, please use separate order forms for your remote switch backhaul and your own peering. When placing a backhaul order, in the Company Name field, append “(Remote Switch)”.

**Port Type:** Choose an item.

**Port Quantity:** Choose an item.

**Switch:** Choose an item.

If this is an upgrade, please list the total ports, not just the new ports. For example, if you upgrading from one 10G port to two 10G ports, please use Port Quantity: 2.

If you are connecting to the MICE Core switches, you will be allocated port(s) as listed above. If you request multiple ports, they will be grouped into a single LAG (Link Aggregation Group) unless you request otherwise. You must order cross-connect(s) separately from Cologix to reach the port(s). Cologix accepts the participants list on the MICE website as the LOA/CFA for cross-connect orders to MICE, so no separate LOA/CFA is required. If you do not already have a Cologix account representative, contact Scott McCrady <[scott.mccrady@cologix.com](mailto:scott.mccrady@cologix.com)>.

If you are connecting to a Remote Switch (i.e. a switch other than the MICE Core switches), you must also make separate arrangements with the operator of that Remote Switch subject to their option, prices, and terms.

Port graphs are available at the address below (which is also linked from the MICE website). Use the username “guest” and password “guest” for access.  
[http://micelg.usinternet.com/cacti/graph\_view.php?action=tree&tree\_id=1&leaf\_id=19](http://micelg.usinternet.com/cacti/graph_view.php?action=tree&tree_id=1&leaf_id=19&select_first=true)

If you are a remote switch operator ordering backhaul ports, please select the upstream side of your backhaul ports (e.g. MICE Core), not your own switch.

**ASN(s):** Click or tap here to enter text.

MICE will allocate one IPv4 address and one IPv6 address per AS. Additional IPs (e.g. for redundant routers) may be allocated by special request.

If you are a remote switch operator ordering backhaul ports, please enter “N/A”.

**Route Server User:** Choose an item.

Use of the route servers is optional. If you use the route servers, you may announce all of your routes or only a subset, at your option.

The default behavior of the MICE route servers is to announce all routes to all peers. You may optionally use a set of MICE communities to modify the announcements. These communities are documented at: <http://micemn.net/technical.html>

In the relatively near future, the route servers will require participants to document their routes and downstream ASNs in IRR objects. If you are not familiar with this process, the Seattle Internet Exchange has a tutorial available: <https://www.seattleix.net/irr-tutorial>

If you are a remote switch operator ordering backhaul ports, please select “No”.

**BFD Support:** Choose an item.

BFD (Bidirectional Forwarding Detection) is optional. The route servers are configured for passive BFD, meaning they will use BFD with you, but you need to start it. That is, you must be configured for active BFD. BFD on bilateral sessions is between members to negotiate. The participants list on the MICE website documents which networks have indicated they are willing to use BFD.

If you are a remote switch operator ordering backhaul ports, please select “No”.

**Mailing Lists & Notices**

Participants are strongly encouraged to have both their business and technical contacts join the MICE-ANNOUNCE mailing list. The low-traffic MICE-ANNOUNCE list receives notices of User Group meetings (member meetings), maintenance, fee changes, board elections, and other business/technical matters.  
<https://lists.iphouse.net/cgi-bin/wa?A0=MICE-ANNOUNCE>

Participants are encouraged to have their technical and MICE governance contacts join the MICE-DISCUSS mailing list. The higher-traffic MICE-DISCUSS list is open to posting by list members and hosts both technical and governance discussions.  
<https://lists.iphouse.net/cgi-bin/wa?A0=MICE-DISCUSS>

Notices relating to an individual participant will be sent to that participant’s peering and/or billing contact email addresses.

**PeeringDB**

MICE requests, but does not require, that participants create a PeeringDB entry and list MICE as an exchange at which they peer. This helps the exchange’s visibility with potential new participants. PeeringDB is a third-party website available at: <https://peeringdb.com>

**Governance**

MICE is a 501(c)(12) cooperative governed by its members.

MICE holds member meetings, which are called User Group (UG) meetings. These meetings are typically held quarterly and may be attended in person or via conference call. Members have voting rights.

Once a qualifying participant is utilizing their port to exchange traffic, the Board normally appoints the participant to the membership at the Board’s next convenience, generally just prior to the next User Group meeting.

**Disclaimers**

The exchange is provided on an “as is” basis. MICE disclaims all warranties and service guarantees.

Neither party shall, in any event, regardless of the form of claim, be liable for any indirect, special, punitive, exemplary, speculative or consequential damages (including lost profits or revenues), subject to the foregoing and not withstanding anything to the contrary elsewhere contained herein, the maximum aggregate liability of either party shall not exceed, regardless of the form of claim, the fees paid or payable by Participant to MICE during the 12-month period preceding the incident.

**Remote Switches**

If you are interested in operating a MICE remote switch, please contact [peering@micemn.net](mailto:peering@micemn.net).

The process for connecting a new remote switch is as follows:

1. The remote switch operator will provide a technical proposal to the board.
2. The board will publish the proposal to the discussion list.
3. After a reasonable comment period, the board will approve or deny the proposal.

Remote switch operators’ obligations include (but are not necessarily limited to):

* Operators must obtain prior approval from the board for modifications.
* Operators are responsible for the costs of operating their remote switch and the links to the core switch. They must monitor their traffic levels and promptly add capacity to keep the links running congestion-free.
* Operators must enforce MICE’s technical port rules on their remote switches.
* Operators must coordinate participant connections and disconnections with MICE. MICE allocates exchange IP addresses and documents participant connections.
* Operators must inform their participants that the participants are not connecting directly to MICE. The remote switch operator cannot claim to be MICE.
* Operators must inform their participants that the participants are also subject to MICE rules, procedures, and costs.

**Port Fees**

MICE charges fees for ports on the core switches.

Port fees are for the calendar year.

Port fees are subject to change. To receive notice of fee changes, join the MICE-ANNOUNCE mailing list. To participate in MICE governance, join the MICE-DISCUSS mailing list and/or attend User Group meetings (in person or via conference call).

A 1G port is $0/year. More than one 1G port requires board approval; if the board grants an exception, the participant is charged the 10G fee. That is, a 2x1G LAG would be $250/year.

The first 10G port is $250/year. Additional 10G ports are $1,000/year. More than four ports requires board approval.

A 100G port is $3,000/year. We currently have no limit for 100G ports besides available ports and reasonable technical need.

These are port fees, so remote switch operators pay for the ports they use. MICE does not charge participants who connect to a remote switch. Charges between remote switch operators and participants connected to their switches are not controlled by MICE.

Payment status is public.

A non-payment disconnection policy will be developed; it will be applied to all participants neutrally.

Mid-year changes will be pro-rated to the day the new port is ready on the MICE side. The pro-rated credit from the old port(s) will offset the pro-rated charges from the new port(s), but no refunds will be given.

Participants on the core switches must provide their own optics. To simplify troubleshooting for our volunteer administrators, MICE recommends the use of first-party optics (Arista optics on the Arista switch, Juniper optics on the Juniper switch).

**Participant Midwest Internet Cooperative Exchange LLC**

Signature: Signature:

Printed Name: Click or tap here to enter text. Printed Name:

Title: Click or tap here to enter text. Title:

Date: Click or tap here to enter text. Date: