



ASSOCIATION OVERVIEW

January 2014



Change is here

MISSION

To build community and consensus that fosters data center and Internet Exchange Point (IXP) standards, ultimately improving the landscape of Internet peering and interconnect in the United States.

OPEN-IX

The Open-IX Association* is a self-regulated community that fosters the development of critical data center and IXP technical and operating standards to:

- Promote uniform specifications for data transfer and physical connectivity
- Create resiliency to improve reliability
- Certify IXPs and data centers that meet the community-developed standards

*Open-IX is a pending 506(c)(6) non-profit





How does it work?

BECOME A MEMBER

Individual members help shape data center and IXP standards to create a level playing field for all

\$50.00 Annual Fee

GET CERTIFIED

Data centers and IXPs adopt community-created professional standards and then become certified

\$5,000.00 per facility/IXP MSA



Membership

Open to anyone with an interest in IXPs, data center infrastructure, interconnect engineering or research, and who wishes to participate in shaping the operations and engineering of the future of Internet interconnect.

Membership has its privileges:

- Vote in all Open-IX elections
- Run as a candidate for the Board of Directors
- Serve on volunteer standards committees
- Provide input on Certification Applications

Application process:

- One class of membership for all
- 12-month term
- Apply and Pay Dues (\$50 per year)



Standards

- **Open**
 - Anyone can create, propose new or propose amendments in, the standards or the process and utilize the ratified standards freely.
- **Transparent**
 - All Standards process and discussion is done above board, from the bottom up and in plain view of the public.
- **OIX-1 for IXPs**
 - IXP minimum service offering and engineering
- **OIX-2 for Data Centers**
 - Minimum data center engineering suitable for large scale interconnect



Certification

Any company can adopt Open-IX standards and apply for certification. Certification signifies that your company will adopt the OIX standards, indicates that your operations comply with these standards and provides you the ability to use the certification marks publicly.

OIX-1 IXP Technical Requirements

For organizations that operate a physical network infrastructure with the purpose to facilitate the exchange of Internet traffic between Autonomous Systems (AS).

OIX-2 Data Center Technical Requirements

For building owners, Meet-Me-Room (MMR) operators, and data center providers.



IXP Certification

Key considerations include:

- Specific service offerings;
- Standard physical interface requirements;
- Best practices for traffic forwarding;
- Clear customer interface demarcation points;
- Infrastructure that includes, at a minimum: a switching platform, IP space, and a route server;
- Operational support including a NOC, monitoring and statistical reports;
- Accessible information about the above services on a public website;
- Must be current in the peering contact and configuration directory.

For an OIX-1 IXP Certification application, contact: info@open-ix.com



Data Center Certification

Key considerations include:

- Physical infrastructure capabilities such as: utility feeds, transformers, water sources, network access, MMR, interconnection service delivery and more;
- Operational infrastructure capabilities such as: rules, licensing, commissioning, maintenance, operating procedures, change management, disaster and more; and
- Service levels for generator(s), UPS, cooling, interconnect delivery and electrical circuit delivery.
- Open and Non Discriminatory Access and Pricing

For an OIX2 Certification application, contact: info@open-ix.com



Why?

- **Before Open-IX**
 - Few choices in the IXP market
 - Significant density in the DC interconnect market
- **With Open-IX**
 - Multiple IXPs being certified offering choice
 - Multiple Data Centers being certified decreasing density
- **Benefit of Open-IX**
 - Less density, more choice, Increased resiliency, and decreased cost
 - Better performance and uptime for all

OIX Board of Directors



David Temkin
Chairman



Martin Hannigan
Treasurer



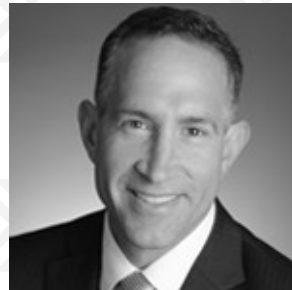
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OIX Standing Committees

IXP STANDARDS GROUP



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DATA CENTER STANDARDS GROUP



Gabe Cole
Board Liaison

MEMBERSHIP



Christian Koch
Membership Director



Next Steps

- **BECOME A MEMBER**
- **APPLY FOR IXP CERTIFICATION**
- **APPLY FOR DATA CENTER CERTIFICATION**
- **VISIT US: www.open-ix.org**
- **CONTACT US: info@open-ix.org**