

123NET PROVIDES ENTERPRISE DATA CENTER, NETWORK & VOICE SERVICES TO MICHIGAN BUSINESSES

# DET-IX

DETROIT INTERNET EXCHANGE

## PEERING PARTICIPANTS

- 123.net
- A2 Hosting, Inc.
- ACD.net/ACD Telecom, Inc.
- Acenet, Inc
- Active Solutions Group
- Akamai Technologies
- Amazon.com
- Aptient Consulting Group Inc.
- Amplex Electric, Inc
- Clear Rate Communications, Inc
- CloudFlare
- Cloudsafe, Ltd.
- CMSInter.net, LLC
- D & P Communications
- Daystarr Communications
- Everstream
- Facebook
- Fastly, Inc.
- Google Inc.
- Hurricane Electric
- LightSpeed Communications, LLC
- ManagedWay Company
- Merit Network Inc.
- Network Services Group
- Nexcess.net LLC
- Oakland Schools
- Rocket Fiber
- Secant Technologies
- Spartan-Net
- St. Clair County RESA
- Subrigo Corporation
- Telnet Worldwide
- US Signal
- Xfernet

## WHAT IS AN INTERNET EXCHANGE?

The Detroit Internet Exchange (DET-IX) is a regional Internet Exchange Point (IXP) that was launched in 2015. The Internet exchange point (IXP) is where networks come together to peer or exchange traffic.

While they allow network operators to exchange traffic with other network operators, an exchange point will not sell you a complete Internet connectivity. They are, instead, one of the building blocks around which the Internet is built. When connecting to a major peering hub it greatly reduces traffic a provider must purchase from an upstream provider. The best part is that membership is free!

## WHO CONNECTS TO THEM?

Any network that wants to peer with other networks can connect to an exchange point. Traditionally, this meant Internet service providers (ISPs) but with the growing need for connections to alternative providers like content and advertising, companies are connecting to exchanges. These companies are peering with ISPs to get their content to their customer base.

## BENEFITS

### Bilateral Peering

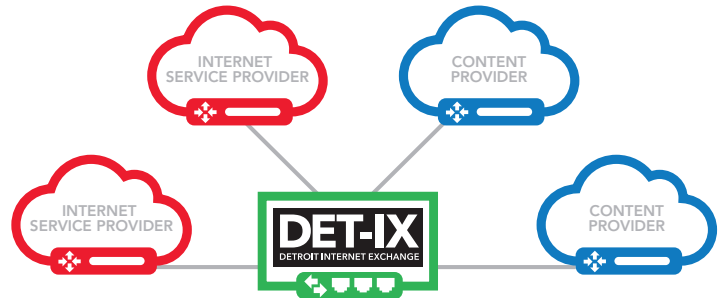
Traffic exchanged directly between two members of the DET-IX over the shared exchange fabric.

### Multilateral Peering

Traffic exchanged directly between members wishing to peer directly with any carrier.

### Purchase Upstream

An added benefit of the exchange is the ability to purchase upstream from the on-net carriers present in the colocation facility.



## PEERING PARTICIPANTS



# OUR NETWORK

## FIBER

- Up to 100 Gbps Circuits (99.99% SLA)
- MEF Standards to Deliver Carrier Class Metro Ethernet Solutions
- Designed to Deliver Ultra-Low Latency Connectivity
- Custom Diverse Entrance Builds Available
- 3500+ Fiber Route Miles
- Dark Fiber Solutions

## FIXED WIRELESS

- Up to 10 Gbps Speeds (99.99% SLA)
- 55+ Wireless Point-of-Presence (PoP) Sites Across Michigan
- 128-bit AES Encrypted Data Transport
- Primary & Backup Connectivity for Dedicated Internet & Ethernet Services
- Emergency/Short-Term Deployments
- Campus Wireless Solutions
- Temporary Fixed Wireless Solutions (Events / Construction Site)

## DATA CENTERS

- All Data Centers meet SSAE-18 SOC2 Type II / SOC3, HIPAA & PCI-DSS Compliance
- 2(N+1) Power & Cooling Configuration Available
- Data Center Power (100% SLA)
- Up to 30 kW Available per Rack
- Dedicated Substation
- Carrier Neutral Facilities
- Multiple Fiber Entrances
- Cabinet Spaces, Cages & Custom Suites Available

# FAST FACTS

### FOUNDED:

1995

### CORPORATE:

24700 Northwestern Highway  
Southfield, MI 48075

### WEST MI OFFICE:

400 76th Street SW, Suite 12  
Byron Center, MI 49315

### PHONE:

866.460.3503

### WEBSITE:

www.123.net

### LEADERSHIP:

Daniel Irvin, President & CEO  
Ryan Duda, CTO  
James Kandler, COO

### NUMBER OF EMPLOYEES:

150+

### MARKETS SERVED:

All of Michigan

### DATA CENTERS:

(3) Southfield, MI  
(1) Grand Rapids, MI  
Over 100,000+ sq ft of colocation space

### FIBER ROUTE MILES:

3500+ miles

### UPSTREAM PROVIDERS:

CenturyLink, Cogent, Comcast, GTT, Hurricane Electric, Level (3), NTT Communications, PCCW Global, Tata Communications, TeliaSonera, Verizon / XO, and Zayo

### CARRIERS:

123Net, ACD, AT&T, Clear Rate Communications, CMS Internet, Cogent, Comcast, D&P, Daystarr, Everstream, Level (3), Lighttower, Lightspeed, ManagedWay, Merit, Spartan-Net, TeliaSonera, US Signal, Verizon / XO, Windstream, and WOW!

TRUSTED BY LOCAL MICHIGAN CUSTOMERS AND OVER A DOZEN

