



INTERNET2 NETWORK INFRASTRUCTURE TOPOLOGY

OCTOBER 2014



- **Advanced Layer 3 Service**
(Research/Education and peering IP)
- **Advanced Layer 2 Service**
(SDN Ethernet add/drop)
- **Advanced Layer 1 Service**
(Optical wave add/drop)

INTERNET2 NETWORK BY THE NUMBERS

17	JUNIPER MX960 ROUTERS SUPPORTING LAYER 3 SERVICE
34	BROCADE AND JUNIPER SWITCHES SUPPORTING LAYER 2 SERVICE
62	CUSTOM COLLOCATION FACILITIES
250+	AMPLIFICATION RACKS
15,717	MILES OF NEWLY ACQUIRED DARK FIBER
8.8	TBPS OF OPTICAL CAPACITY
100	GBPS OF HYBRID LAYER 2 AND LAYER 3 CAPACITY
300+	CIENA ACTIVEFLEX 6500 NETWORK ELEMENTS
2,400	MILES PARTNERED CAPACITY WITH ZAYO COMMUNICATIONS IN SUPPORT OF THE NORTHERN TIER REGION



IN SUPPORT OF
U.S.UCAN

NETWORK
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INDIANA UNIVERSITY

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JUNIPER
NETWORKS

