



MVECANet Internet Services

Optimizing resources.
Empowering schools and governments.

Features	MVECA Premium Internet Service	Basic Fiber Internet Service with Common Carrier
Basic connectivity to the Internet	✓	✓
Access to OARnet, Ohio's statewide 100 Gigabit network offering one of the highest broadband networks in the country with a 24x7 manned Network Operation Center	✓	✗
A blended bandwidth of four 100 Gb feeds purchased from multiple Tier 1 carriers for reliability and performance including four separate egress points	✓	✗
Volume purchasing combining the volume of K12, higher education, local government and state agencies to increase purchasing discount	✓	✗
Assistance with Children's Internet Protection Act (CIPA) compliance and content filtering	✓	✗
100% non-blocking network architecture with no oversubscription on highly redundant state backbone	✓	✗
All intra-Ohio traffic is carried across the OARnet backbone and never touches the commodity Internet, resulting in up to a 30% reduction in the amount of needed bandwidth	✓	✗
Distributed Denial of Service (DDoS) attack prevention and mitigation	✓	✗
Access to Internet research and education network including Internet2	✓	✗
Removal of bandwidth caps for all schools during online testing periods ensuring no interference or blocking	✓	✗
On-network Akamai servers for reduction in bandwidth consumption reducing the need to reach the commodity Internet	✓	✗
Private network for schools and governments to ensure safer computing environments for children and governmental entities	✓	✗
Local access to data center resources and services such as offsite backup; student, library, and fiscal applications; on-network server hosting; colocation; and a wide variety of managed services	✓	✗
Access to advanced firewall and network security services	✓	✗
Responsive network support resources with local presence and ability to assist with network design and troubleshooting including consulting services	✓	✗
Local routing and DNS support and hosting	✓	✗
Domain name hosting included	✓	✗
Access to opportunities for regional, public partnerships for lower transport and infrastructure costs	✓	✗