

Northern Communications

NETWORK MANAGEMENT POLICIES

11/07/2011

Northern Communications (Northern) will manage its network and provide access in accordance with the Federal Communications Commission's (FCC's) Open Internet Rules (adopted December 21, 2010) and in compliance with any future Internet policies or rules adopted by the FCC.

To ensure open access to the Internet, Northern will not unjustly or unreasonably:

- Block, interfere with or degrade an end user's ability to access, use, send, post, receive, or offer lawful content (including fair use), applications, or services of the user's choice;
- Block, interfere with or degrade an end user's ability to connect and use the end user's choice of legal devices that do not harm the network;
- Prevent or interfere with competition among network, application, service or content providers;
- Engage in discrimination against any lawful Internet content, application, service or service provider with respect to network management practices, network performance characteristics, or commercial terms and conditions;
- Give preference to affiliated content, applications, or services with respect to network management practices, network performance characteristics, or commercial terms and conditions;
- Charge a content, application, or service provider for access to the Company's broadband Internet access service end users based on differing levels of quality of service or prioritized delivery of Internet protocol packets; or,
- Prioritize among or between content, applications, and services or among or between different types of content, applications, and services unless the end user requests to have such prioritization.

All of Northern's policies are subject to the needs of law enforcement and reasonable network management. Northern may employ generally accepted technical measures to provide acceptable service levels to all customers, such as caching (including content delivery networks) and application-neutral bandwidth allocation, as well as measures to address spam, denial of service attacks, illegal content, and other harmful activities.