



## **American Fiber Systems Border Gateway Protocol (BGP) Peering Policy**

### **Revision 1.0, August 26, 2005**

In order to establish a BGP peering session with American Fiber Systems, customers must meet the following requirements:

1. The customer location must be multi-homed, supporting two or more Internet connections.
2. The customer must have an autonomous system number (ASN).
3. The customer's router must support BGP4.
4. The customer must work with AFS in advance of the service implementation to determine whether they will receive:
  - a default route to the Internet or
  - a default route and full or partial Internet route tables

Both are provided by American Fiber Systems' Internet Access suppliers.

5. If the customer is to receive partial or full Internet route tables from AFS, the customer router must be capable of, and be configured to contain additional routes and the associated overhead.
6. The customer must provide to AFS (using the associated AFS forms) all of the netblocks they wish to announce to the Internet.
7. The customer must include outbound route filtering as part of their configuration, to help prevent improper route announcements.
8. Customers requesting changes to their currently configured bandwidth or protocol; or requesting any future additions, moves, or changes must complete and submit an *Ethernet Internet Access Customer Configuration Change Request* form.