



## TELECOMMUNICATIONS

Telecommunication technology is rapidly advancing into many business-to-business, consumer, and medical applications. The expansive technology is converging Internet, wireless, and video into a new age of communication.

The telecommunications practice area of our firm extends to protection of innovations in technology areas such as:

- Fiber optic transmission
- Data networking
- Network protocols
- Routing
- Internet and e-commerce
- Wireless communications
- Videoconferencing
- Video compression
- Audio compression
- VoIP
- Digital television

Our attorneys, patent agents, and technology specialists assist clients in obtaining, developing, and managing their intellectual property assets in this exciting environment. In addition to holding scientific degrees in electrical engineering, signal processing, computer science, and networking, many members of our professional staff have earned advanced degrees in these fields and/or bring to the practice significant industry experience.

In the area of telecommunications, we have handled cases involving the interworking between IP-based networks and legacy networks as well as network processors for deep packet inspection. We have patented technology regarding IP-based videoconferencing as well. In the sub-area of fiber optics, we have handled cases directed to multiplexers for fiber optic transmission, such as wavelength division multiplexers, reconfigurable add/drop multiplexers, and optical switches with integrated optical fabrics. Hamilton Brook Smith Reynolds can also handle your litigation needs in the telecommunications area.

