

## Transparent LAN Service™

Transparent LAN Service (TLS) is a high-speed fiber optic transport service for extending Token Ring LANs across a metropolitan area. It runs at 4, 10, or 16 Mbps native LAN throughput rates, and is configured on dual counter-rotating fiber rings for a greater degree of network robustness. TLS provides optical to electrical signal conversion, is fully IEEE 802.3 and 802.6 compliant, and provides centralized monitoring and diagnostics. It can be configured on a point-to-point or multipoint basis, and will support up to 15 user nodes per TLS ring and a total 75 mile fiber loop length per ring.

### Key Applications

- Image processing
- Wide-area collaborative computing
- Interactive file sharing
- Seamless extension of Token Ring and Ethernet networks

### User Benefits

- Native LAN speeds
- Transparent LAN interface
- Simplified network operations
- High network robustness, with redundant fiber and electronics



by 1987 the concept is  
copied by the RBOC's & IXC's