



ATIS-0100522.2000(\$2019)

Quality of Service for Business Multimedia Conferencing

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American National Standard
for Telecommunications –

Quality of Service for Business Multimedia Conferencing

1 Scope, Purpose and Application

This document specifies classes of Quality of Service (QOS) sufficient to support Business Multimedia Conferencing on Internet Protocol (IP) networks, defined as equivalent to legacy conference system performance (e.g., H.320 at Basic Rate Interface (BRI) rates).

It also specifies the threshold of perceptible impairment for some user interface parameters. This standard applies to communications between a subset of multimedia end-points, namely Video Teleconference room systems and Desktop systems.

The current scope is limited to H.323 point-to-point communication (Multipoint communication is for further study).

It applies to cases where IP is utilized between the end-points (e.g., IP/Circuit-Switched Hybrid Network connections are for further study, e.g. networks supporting H.320-compliant terminals).

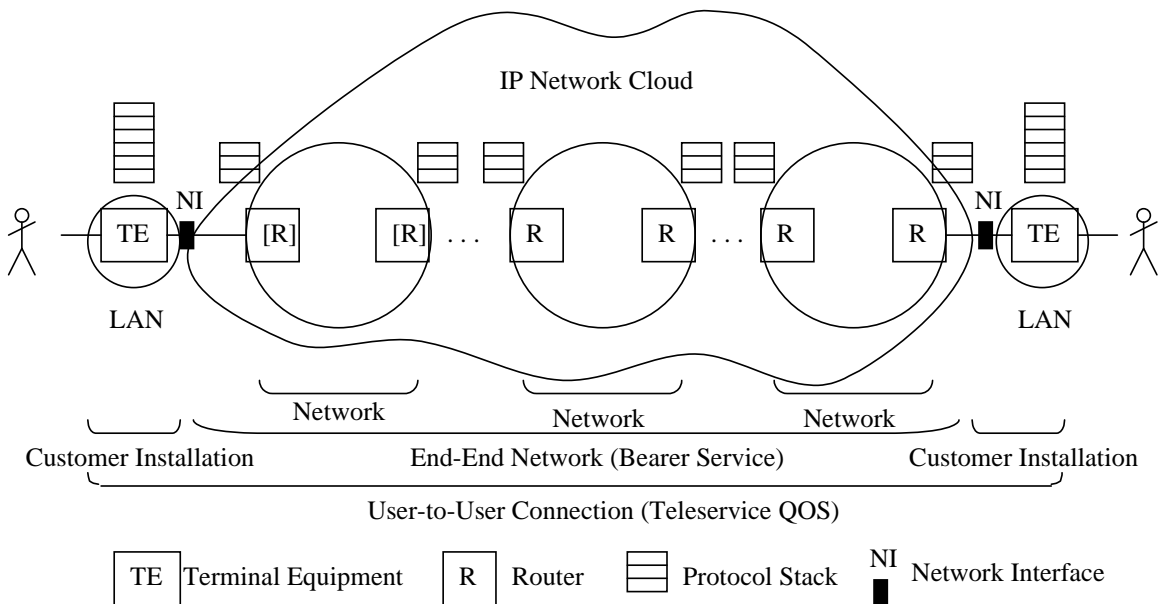


Figure 1 - User-to-User Connection on an IP Network

Figure 1 illustrates some of the terminology of this clause. A user-to-user connection has components on the Customer Installation, and components of one or more network service providers between the network interfaces. The Customer Installation includes a multimedia