

ECMA-141, Data Link Layer Protocol at the Q Reference Point for the Signalling Channel Between Two Private Telecommunication Network Exchanges

SCOPE

This ECMA Standard specifies the Data Link Layer Protocol to be used at the Q reference point on the signalling channel between two Private Telecommunication Network Exchanges (PTNXs). The purpose of the Data Link Layer protocol is to convey signalling information between network layer entities using the signalling channel. The protocol is visible at the interface at the C reference point between a PTNX and an intervening network. Intervening networks and the C and Q reference points are defined in Standard ECMA133.

This ECMA Standard is applicable to interconnected PTNXs where the Data Link Layer protocol is to operate end to end across an intervening network, using a Physical Layer providing continuous bit stream operation.

Appendix F provides an overview of the functions and procedures of the Data Link Layer protocol.