

ECMA/TR 14, Local Area Networks – Layers 1 to 4 Architecture and Protocols

SCOPE

For the purpose of compatible interconnection of data processing equipment, this Technical Report:

- describes an architecture for the Transport, Network, Link and Physical Layers for the direct interconnection of Local Area Network (LAN) (see 2);
- describes the protocols and media which are required to be used in these layers for simple basic data transfer within the boundaries of a LAN subnetwork (see 3).

Inter-layer interfaces, or any other interfaces over which the interconnection is accessed or provided, are outside the scope of this Technical Report.

This Technical Report provides a consistent technical basis for future Local Area Network standards with extended scope. Appendix C lists some candidate future extensions.