

5 CRITERIA:

1. Broad Market Potential
 - Broad set(s) of applications
 - Multiple vendors, multiple users
 - Balance cost, LAN vs. attached stations

Token Ring is a highly successful LAN protocol on the market today with Over 20 million nodes deployed and annual sales in the 4 - 5 million node Range. Token Ring hardware is offered by many large data communications companies within this industry. Continued sustained high sales volumes show the costs are seen by its users as balanced.

2. IEEE Project 802 defines a family of standards. All standards shall be in conformance with 802.1 Architecture, Management and Interworking. All LLC and MAC standards shall be compatible with ISO/IEC 10039, MAC Service Definition at the LLC/MAC interface. Within the LLC Working Group there shall be one LLC standard, including one or more LLC protocols, with a common LLC/MAC interface. Within a MAC Working Group there shall be one MAC standard and one or more Physical Layer standards with a common MAC / Physical Layer interface.

Each standard in the IEEE Project 802 family of standards shall include a definition of managed objects which are compatible with OSI systems management standards.

The standards already meet this criterion. No new functional capability is Being created under this PAR. Therefore, the criterion is still met.

3. Distinct Identity
 - Substantially different from other 802.5 specs / solutions
 - Unique solution for problem (not two alternatives / problem)
 - Specifically addresses the needs of 802.5, as opposed to 802.3
 - Easy for document reader to select relevant spec

Token Ring has a well known and distinct identity from other LANs.

Distinct capabilities are described in the PICS, and in separate Clauses, making it easy for the reader to select relevant specifications.

4. Technical Feasibility
 - Demonstrated feasibility; reports - working models
 - Proven technology, reasonable testing
 - Confidence in reliability

The hardware exists, and is on the market. The Revision will describe what is already there.

5. Economic Feasibility
 - Cost factors known, reliable data
 - Reasonable cost for performance expected
 - Total installation costs considered

The strong market acceptance of Token Ring adequately demonstrates economic feasibility.