

## IEEE 802 Five Criteria

### 1. BROAD MARKET POTENTIAL

A standards project authorized by IEEE Project 802 shall have a broad market potential. Specifically, it shall have the potential for:

- a) Broad sets of applicability.
  - b) Multiple vendors, numerous users.
  - c) Balanced costs (LAN versus attached stations).
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### 2. COMPATIBILITY

**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 boundary. With 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.**

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### 3. DISTINCT IDENTITY

Each IEEE Project 802 standard shall have a distinct identity. To achieve this, each authorized project shall be:

- a) Substantially different from other 802 projects.
  - b) One unique solution per problem (not two solutions to a problem).
  - c) Easy for document reader to select the relevant specification.
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### 4. TECHNICAL FEASIBILITY

For a project to be authorized, it shall be able to show its technical feasibility. At a minimum, the proposed project shall show:

- a) Demonstrated system feasibility.
  - b) Proven technology, reasonable testing.
  - c) Confidence in reliability.
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### 5. ECONOMIC FEASIBILITY

For a project to be authorized, it shall be able to show economic feasibility (so far as can reasonably be estimated), for its intended applications. At a minimum, the proposed project shall show:

- a) Known cost factors, reliable data.
  - b) Reasonable cost for performance.
  - c) Consideration of installation costs.
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