

802.3ag Rev Maintenance Revisions #6

5 Criteria

1. Broad Market Potential

Broad set(s) of applications
Multiple vendors, multiple users
Balanced cost, LAN vs. attached stations

- **IEEE 802.3 will retain its Broad Market Potential after this project is complete**

2. Compatibility with IEEE Standard 802.3

Conformance with CSMA/ CD MAC, PLS

Conformance with 802.2

Conformance with 802 FR

- **The revision will ensure that 802.3 remains compatible with 802.2**

3. Distinct Identity

Substantially different from other 802.3 specs/ solutions
Unique solution for problem (not two alternatives/ problem)
Easy for document reader to select relevant spec

- **802.3 will remain the only CSMA/CD standard**

4. Technical Feasibility

Demonstrated feasibility; reports - - working models

Proven technology, reasonable testing

Confidence in reliability

- **Technical feasibility has been demonstrated in the field**

5. Economic Feasibility

**Cost factors known, reliable data
Reasonable cost for performance expected
Total Installation costs considered**

- **The revisions will not change the economic feasibility of the existing standard**