ITU-D STUDY GROUP 2 – QUESTION 4/2

User Devices & ICT Equipment

Availability, Affordability, Conformance, and Interoperability

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STRATEGIC MANDATE

Why Question 4/2 Matters

Connectivity

Essential for digital access.

Education

Dependent on device availability.

Independence

Interoperability reduces ecosystem lock-in.

Security

Standards improve overall reliability.

The Access Barrier

Availability

- Supply chain constraints.
- Rural distribution gaps.
- Limited local manufacturing.

Affordability

- High upfront costs.
- Heavy import taxation.
- Recurring maintenance overhead.



Standardizing the Network

Conformance

Meeting strict technical standards.

Interoperability

Seamless multi-vendor integration.

Deployment

Lower infrastructure costs.

Market

Greater vendor competition.

Quality

Improved service reliability.

Scale

Easier network expansion.

The Giga Perspective

- Devices over pure connectivity.
- Sustainable replacement plans.
- Standards-based scalability.
- Long-term interoperability.



Shaping the Way Forward

1

Affordability

Improving national device access.

2

Policy

Supporting seamless interoperability.

3

Certification

Strengthening testing frameworks.

4

Universal Funds

Financing digital inclusion efforts.



Affordable Devices

\+ Reliable Connectivity

\+ Interoperable Equipment

= **Inclusive Transformation**