IEEE Standards Interpretation Request

Requests for interpretations should only be submitted for seeking clarification of:

- The meaning of portions of standards as they relate to specific applications; and/or
- The exact nature of the contents of the standard.

If the interpretation request meets the above criteria, complete the following and send to the stds-interps@ieee.org.

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IEEE Std: 802.3af-2003™

Standard Title: IEEE 802.3af Power over Ethernet Standard

Topic: Simultaneous Output Power on Standard

Greetings:

According to the IEEE 802.3af/-2003 the Ethernet interface should be able to delivery up to 15.4W per port. What is the interpretation that the standard specifies in the following two scenarios:

1. Does a switch that is able to deliver 15.4W per port on any port BUT not simultaneously on all ports can be considered to comply with the standard?

2. Is it mandatory that all the ports in a IEEE 802.3af/-2003 compliant switch delivery simultaneously the 15.4W per ports or does the standard does not specify that aspect?

NOTE FOR RESPONDERS: Attach your response here. If you are responding to
more than one interpretation request, please label your responses as “Interpretation Response #1,” “Interpretation Response #2,” etc.

Response to the Interpretation Request

Interpretation Response #1

The standard is unambiguous.

This request is being returned to you because the question asked does not constitute a request for interpretation but instead a request for consultation. Generally, an interpretation request is submitted when the wording of a specific clause or portion of a standard is ambiguous or incomplete. The request should state the two or more possible interpretations or the lack of completeness of the text.

The header text on the PICS pro-forma indicates that the implementer claims conformance. The committee does not take positions as to whether a specific implementation is conformant.

Interpretation Response #2

The standard is unambiguous.

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