

Clarification Request

References: BTL Checklist-5.0.final

Date of BTL-WG Response: __21-Apr-2011__

Background / Proposed Solution:

Section "Is able to schedule BOOLEAN values" is a BTL-R requirement for Scheduling - External - B. It is envisioned for control of, for example, the Enable property of a Trend Log object. This has been deemed by BTL-WG to be the bar we need every device claiming the BIBB to rise to, for interoperability.

An implementation which supports external Scheduling of only REAL (for ao/av), UNSIGNED (for mo/mv), and ENUM (for bo/bv), but does not support BOOLEAN, is considered so deficient that it doesn't meet B-BC requirements and at most qualifies for B-AAC.

Question:

What is the justification for Device Profile requirements to be based on non-publicly-reviewed criteria? We would like to confirm that if this implementation requirement is inflexible, why?

Response:

The BTL is mandated with generating a test package that ensures interoperation. Where the standard falls short, the BTL will put in place additional requirements. In general these will be passed back to the SSPC for consideration for inclusion in the standard.

Scheduling of BOOLEAN datatype properties is a requirement in SCHED-E-B. There are objects which can benefit from scheduling of BOOLEAN values, such as the Enable property in logging objects, and Daylight_Savings_Status.