

November 6, 2020

To: UCAIug Membership,

RE: End-of-life of UCAIug Certification of IEC 61850 Edition 1 is Coming Soon

IEC 61850 Edition 1 was published by IEC in 2004 and UCAIug released conformance testing procedures for Edition 1 servers shortly thereafter. Since 2004, several technical issues were corrected which were officially incorporated into Edition 2 (2011). Since 2011, UCAIug has continued conformance certification of Edition 1 implementation even though Edition 1 had no official standing as a standard within IEC. IEC is also managing the technical issue submission process and no more issues regarding Edition 1 are being allowed. As Edition 2 Amendment 1 (a.k.a. Edition 2.1) was being progressed within IEC, UCAIug announced that UCAIug Edition 1 conformance certification would end based upon two conditions. This communication is to provide status regarding those two conditions and a revised schedule for termination.

The two conditions were the release of Edition 2.1 test procedures and that those procedures included tests that validate backward compatibility with Edition 1. It is anticipated that these two conditions will be fulfilled late December 2020 or in January 2021. Originally, it was intended to end UCAIug certification of Edition 1 products in December 2020.

The new schedule, which includes a grace period, does not allow Edition 1 testing to be started after April 30, 2021. Edition 1 certificates will only be posted by UCAIug if they are received prior to November 1, 2021 and proof that testing was started prior to April 30, 2021. This proof must be provided prior to April 30, 2021. The proof must be received from a UCAIug Accredited Laboratory and include the following: a PCAP trace taken during testing and documentation that identifies the vendor and the device under test.

During the development of the backward compatibility tests, it was determined that some compatibility issues do exist between Edition 2.1 and Edition 1. UCAIug will be preparing a white paper documenting these issues and suggestions. This document will be made to available to all UCAIug members.

Should you have any questions, please feel free to contact me.

Sincerely,

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