



**BACnet® TESTING LABORATORIES
ADDENDA**

**Addendum af to
BTL Test Package 20.0.1**

**Revision v2
Revised 10/5/2022**

Approved by the BTL Working Group on 2022-02-10.
Approved by the BTL Working Group Voting Members on 2022-10-21.
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[This foreword and the “Overview” on the following pages are not part of this Test Package. They are merely informative and do not contain requirements necessary for conformance to the Test Package.]

FOREWORD

The purpose of this addendum is to present current changes being made to the BTL Test Package. These modifications are the result of change proposals made pursuant to the continuous maintenance procedures and of deliberations within the BTL-WG Committee. The changes are summarized below.

BTL-20.0.1 af-1: Update Requirements for TimeSync Properties for PR14 [BTLWG-370]2

In the following document, language to be added to existing clauses within the BTL Test Package 20.0.1 is indicated through the use of *italics*, while deletions are indicated by ~~strikethrough~~. Where entirely new subclauses are proposed to be added, plain type is used throughout

In contrast, changes to BTL Specified Tests also contain a **yellow** highlight to indicate the changes made by this addendum. When this addendum is applied, all highlighting will be removed. Change markings on tests will remain to indicate the difference between the new test and an existing 135.1 test. If a test being modified has never existed in 135.1, the applied result should not contain any change markings. When this is the case, square brackets will be used to describe the changes required for this test.

Each addendum can stand independently unless specifically noted via dependency within the addendum. If multiple addenda change the same test or section, each future released addendum that changes the same test or section will note in square brackets whether or not those changes are reflected.

BTL-20.0.1 af-1: Update Requirements for TimeSync Properties for PR14 [BTLWG-370]

Overview:

In PR 14, the BTL requirement that both TimeSyncRecipients and UtcTimeSyncRecipients properties be supported when either is, was adopted by the standard.

Changes:

Checklist Changes

Device Object		
X	R	Base Requirements
	C ¹	Supports Database_Revision property
	BTL-C²	Supports Time_Synchronization_Recipients
	BTL-C²	Supports UTC_Time_Synchronization_Recipients
	O	Contains a writable Local_Date property
	O	Contains a writable Local_Time property
	O	Supports UTC_Offset property
<p>¹ Required if the device implements protocol revision 2 or higher.</p> <p>² The BTL requires that if the device implements protocol revision 7 or higher, then either both, or none of Time_Synchronization_Recipients or UTC_Time_Synchronization_Recipients is supported. For devices claiming Protocol_Revision 7 or higher, if either Time_Synchronization_Recipients or UTC_Time_Synchronization_Recipients properties are supported then both shall be supported. For devices claiming Protocol_Revision 7 through 13, this is a BTL requirement; for those claiming 14 and above, this is required by the standard.</p>		

Test Plan Changes

None

Specified Test Changes

None