

Circuit Ready

Technology connectivity certification

The product

Crestron Mercury

developed by **Crestron** has been certified
for Interoperability with **Circuit Meeting Room**
based on functional testing performed by Unify

Circuit Meeting Room OS V1.R5.2.0 / **Crestron Mercury FW 1.3557**

Supported features: Speakerphone (basic functionality)

The test was conducted conforming to DIN EN ISO 9001. This certificate is only valid in conjunction with the full test report and the notes contained therein. The tests covered functional test and subjective acoustic test. **Please consider that the test report only covers the functionality of the interface.**

Munich, 9 May 2019



Functional Test Report

Circuit Meeting Room

with

Crestron Mercury

Author: Christian Kaehler

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History of Change

Version	Date	Description	Name
1.0	09.05.2019	Released	Christian Kaehler
0.1	08.04.2019	Draft	Christian Kaehler

1. Overview

1.1. Executive Summary

The functional tests were carried out at GVS (Global Vendor Support) test lab. The test cases are listed below. The test reports are automatically generated report.

1.1.1. Basic Equipment

Test environment	
Circuit	
Circuit Meeting Room OS	V1R5.2.0
Circuit Meeting Room Application	1.2.4800
Product FW	1.3557.00069

1.2. Test Strategy

The certification test performed for Product is focused on audio basic functionality for

- video
- audio
- audio / video

The focus is on basic functionality and does not cover any quality measurements for audio or video streams. If additional features in the product are relevant for proper operation with Circuit Meeting Room then these are listed in the test cases.

1.3. Test Result Summary

For details please have a look at the test results

1.3.1. Problems

- No problems

1.3.2. Restrictions

- No restrictions

1.3.3. Remarks

- See comments on the BT and SIP test cases in section 1.4

1.3.4. Setup

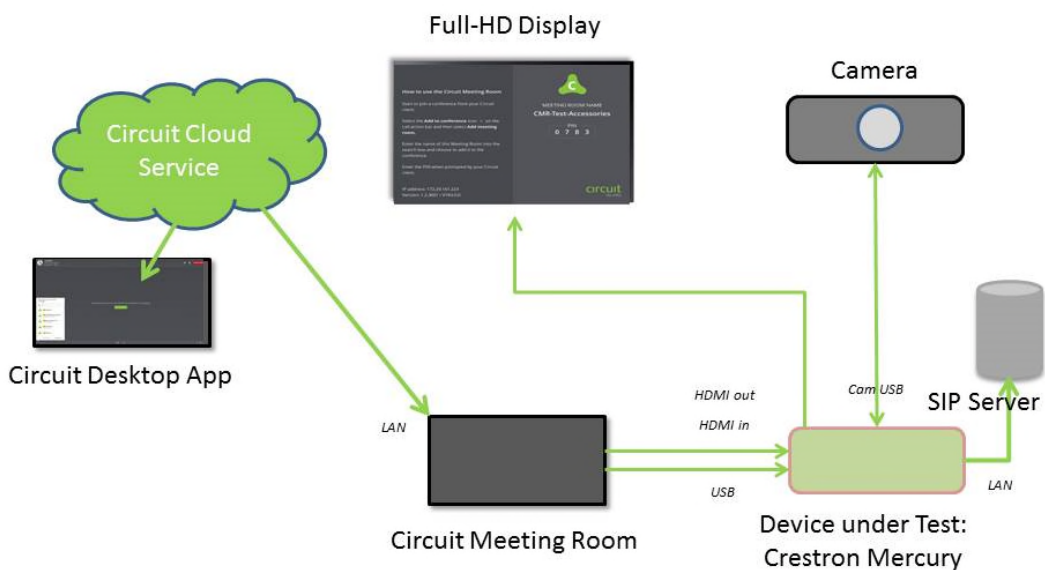


Figure 1: Logical Topology Diagram Circuit Meeting Room

Circuit Meeting Room is tested in standard configuration: Network connected via Gigabit Ethernet, output display on Full-HD capable display (single screen configuration), for speakerphones a standard web cam is connected (and vice versa) to complete the configuration. Circuit public cloud service is used for operation and SIP functionality was tested with Unify OpenScape Voice.

Test Results in Detail

1.4. Test cases

Key	Test Description	Result	Comment
DTHSFT-4122	Connection via USB	Passed	Connected via USB2.0. Detected as (Audio) Crestron Mercury (Video) - as per connected device
DTHSFT-4123	Conference: Audio output	Passed	
DTHSFT-4124	Conference: Audio input	Passed	
DTHSFT-4125	Conference: Video input	Invalid	Note: Video camera was connected to USB/CAM port of the DUT
DTHSFT-4126	Conference: Video output	Invalid	HDMI Display was connected to HDMI OUT of the DUT. Circuit Meeting Room was connected to HDMI IN of the DUT
DTHSFT-4127	Conference: Audio mute (local)	Passed	
DTHSFT-4128	Conference: Mute sync with Circuit	Invalid	DUT does not support synchronization with Circuit
DTHSFT-4129	Conference: Release from conference (sync with Circuit)	Invalid	There is no release function available on the device when connected to Circuit Meeting Room
DTHSFT-4130	Connection and features via BT	Passed	DUT can be paired via BT when connected to Circuit Meeting Room DUT can accept BT when connected to a Circuit Meeting Room call - BT has precedence. After terminating BT call the Circuit Meeting Room becomes active again, but BT pairing is lost.
DTHSFT-4131	Power saving	Passed	
DTHSFT-4132	Connection via SIP	Passed	When in conference and incoming SIP call is presented and can be accepted: SIP audio has precedence. Note: If the HDMI screen has built-in speakers, SIP audio is played out. Note: There is no acoustic signalling of the incoming SIP call. When in conference an outgoing SIP call can be performed: SIP audio has precedence
DTHSFT-4133	Conference: Long duration call	Passed	
DTHSFT-4134	Conference: Manual testing - mixed scenarios	Passed	

1.5. Remarks / Appendixes

Explanation of acronyms:

CMR	Circuit Meeting Room
DUT	Device Under Test
INVALID	Test NOT applicable as not supported by DUT
FAILED	Test case NOT successful
PASSED	Test case successful

2. Confirmation

Testing personnel confirms that the test cases in chapter 0 were performed and that the results were as described in this document.

Date	Date
Name, Company	Name, Company