### Test 070-05-05 Capability: LED

#### Description

##### PD

Provide capability 4 in the osdp\_PDCAP 0x46 response.

##### ACU

Accept this capability, and whether it is used.

#### Purpose

Determine ability to exercise LEDs expressed as a capability by the PD.

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Optional |
| Basic OSDP (ACU) | Optional |
| Secure Channel (PD) | Optional |
| Secure Channel (ACU) | Optional |
| BIO Match (PD) | Optional |
| BIO Match (ACU) | Optional |
| BIO Read (PD) | Optional |
| BIO Read (ACU) | Optional |
| Extended Packet Mode (PD) | Optional |
| Extended Packet Mode (ACU) | Optional |
| Extended Read/Write (PD) | Optional |
| Extended Read/Write (ACU) | Optional |

#### Test action

##### PD Test

Send an osdp\_LED command and observe the LEDs and see that it matches capability expressed.

##### ACU Test

Observe capability 4 response and send LED pattern to exercise those capabilities and observed that is matches command LED behavior.

#### Development status

Available in libosdp-conformance [1.31-Build-4](https://github.com/Security-Industry-Association/libosdp-conformance/releases/tag/1.31-4)

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 070-05-05 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Refreshed for 2.4.2