### Test 050-09-19 Valid Sequence Number

#### Description

##### PD

PD’s MUST use proper sequence number set by the ACU

##### ACU

ACU MUST solely be able set/increment/reset the proper sequence number.

#### Purpose

Used to maintain synchronization between PD and ACU sequence numbers

#### Criteria

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

#### Test action

##### PD Test

Confirm proper sequence number used in response.

##### ACU Test

Confirm properly set sequence numbers.

#### Development status

Available in [libosdp-conformance 1.31.1-Build-4](https://github.com/Security-Industry-Association/libosdp-conformance/releases/tag/1.31-4)

#### Test Results

JSON tags

|  |  |
| --- | --- |
| Test | 050-09-19 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Refreshed for 2.4.2