### Test 060-16-01 KEYSET Command

Set and provide the proper key(s) for secure channel.

##### PD

PD processes KEYSET 0x75 command and installs the secure channel base key as in Table D.2 during a “secure” connection.

##### ACU

ACU MUST issue valid KEYSET command and values in Table D.2 and use this during the secure channel session.

#### Purpose

Transfer an encryption key from the ACU to the PD

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Optional |
| Basic OSDP (ACU) | Optional |
| 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

Install the encryption key and maintain secure channel communications after receiving KEYSET 0x75 command.

##### ACU Test

ACU sends osdp\_KEYSET 0x75 and maintains encryption with PD using key sent.

#### 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 | 060-16-1 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

New as 2.4.2