### Test 060-27-01 Extended Write Data XWR

##### Implements extended write mode to facilitate communications and smart card handling (see 5.11)

##### PD

PD establishes XWR mode and provides Extended Read Reply XRD as per Table 68.

##### ACU

ACU provides XWR functionality as described in section 6.27 and associated Tables 36-44.

#### Purpose

Support smart card processing and ISO-7816-4 credentials.

#### 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

The PD processes the XWR command to support processing of smart cards, PD is monitored to determine proper transmission of card data and maintains synchronization with ACU.

##### ACU Test

The ACU issues XWR command and processes XRD reply.

.

#### 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 | 060-27-01 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

New as 2.4.2