### Test 050-09-08 SCB – Security Control Block

#### Description

##### PD

PD’s must contain a proper security control block if the SCB flag is set in the reply message control information character byte.

##### ACU

ACU’s must contain a proper security control block if the SCB flag is set in the command message control information character byte.

#### Purpose

A multibyte character that facilitates the implementation of data security with the OSDP framework. By itself, the SCB does not define or define the nature of the security methods used. Rather, the SCB is available to support the use of various security methods as OSDP device capabilities and client security requirements change.

#### 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

* Verify that every response packet has a security control block when the SCB flag is set in the message control information character byte.

##### ACU Test

* Verify that every command packet has a security control block when the SCB flag set in the message control information character byte.

#### Development status

Available in libosdp-conformance 1.28-1

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 050-09-08 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Refreshed for 2.1.