

# ISO 16407-2:2018 (E)

## Electronic fee collection — Evaluation of equipment for conformity to ISO 17575-1 — Part 2: Abstract test suite

---

### Contents

|         |   |
|---------|---|
|         | Foreword  |
|         | Introduction  |
| 1       | Scope   |
| 2       | Normative references  |
| 3       | Terms and definitions   |
| 4       | Abbreviated terms   |
| 5       | Abstract test method (ATM)                                    |
| 5.1     | Introduction  |
| 5.2     | Test architecture   |
| 5.2.1   | Security  |
| 5.3     | Protocol Implementation Extra Information for Testing (PIXIT) |
| 6       | Untestable Test Purposes (TPs)                                |
| 7       | ATS data structures   |
| 7.1     | ASN.1 description   |
| 7.2     | Parameterized support   |
| 8       | Message filtering   |
| 9       | ATS naming conventions  |
| 9.1     | Introduction  |
| 9.2     | Definition naming conventions                                 |
| 9.3     | Test case identifier  |
| 9.4     | TTCN-3 modules identifier                                     |
| Annex A | (normative) Abstract Test Suite (ATS) for FE and BE           |
| A.1     | Introduction  |
| A.2     | TTCN Graphical form (TTCN.GR)                                 |
| A.3     | TTCN Machine Processable form (TTCN.MP)                       |
| Annex B | (informative) PIXIT proforma for FE and BE                    |
| B.1     | Introduction  |
| B.2     | Identification summary  |
| B.3     | ATS summary   |
| B.4     | Test laboratory   |
| B.5     | Client identification   |
| B.6     | DUT   |
| B.7     | Protocol layer information                                    |
| B.7.1   | Protocol identification                                       |
| B.7.2   | DUT information   |