

# DIN EN ISO/IEC 15408-1:2020-12 (E)

## Information technology - Security techniques - Evaluation criteria for IT security - Part 1: Introduction and general model ( ISO/IEC 15408-1:2009)

---

| <b>Contents</b>   | <b>Page</b> |
|---|-------------|
| European foreword.....                                  | 4           |
| Foreword.....   | 5           |
| Introduction.....                                       | 6           |
| 1 Scope.....  | 8           |
| 2 Normative references.....                             | 8           |
| 3 Terms and definitions.....                            | 8           |
| 3.1 Terms and definitions common in ISO/IEC 15408.....  | 9           |
| 3.2 Terms and definitions related to the ADV class..... | 16          |
| 3.3 Terms and definitions related to the AGD class..... | 20          |
| 3.4 Terms and definitions related to the ALC class..... | 20          |
| 3.5 Terms and definitions related to the AVA class..... | 24          |
| 3.6 Terms and definitions related to the ACO class..... | 24          |
| 4 Abbreviated terms.....                                | 25          |
| 5 Overview.....   | 26          |
| 5.1 General.....  | 26          |
| 5.2 The TOE.....  | 26          |
| 5.3 Target audience of ISO/IEC 15408.....               | 27          |
| 5.4 The different parts of ISO/IEC 15408.....           | 28          |
| 5.5 Evaluation context.....                             | 29          |
| 6 General model.....                                    | 29          |
| 6.1 Introduction to the general model.....              | 29          |
| 6.2 Assets and countermeasures.....                     | 30          |
| 6.3 Evaluation.....                                     | 34          |
| 7 Tailoring Security Requirements.....                  | 34          |
| 7.1 Operations.....                                     | 34          |
| 7.2 Dependencies between components.....                | 37          |
| 7.3 Extended components.....                            | 37          |
| 8 Protection Profiles and Packages.....                 | 38          |
| 8.1 Introduction.....                                   | 38          |
| 8.2 Packages.....                                       | 38          |
| 8.3 Protection Profiles.....                            | 38          |
| 8.4 Using PPs and packages.....                         | 41          |
| 8.5 Using Multiple Protection Profiles.....             | 41          |

|                       |  |    |
|-----------------------|--|----|
| 9                     | Evaluation results .....                   | 41 |
| 9.1                   | Introduction .....                         | 41 |
| 9.2                   | Results of a PP evaluation .....           | 42 |
| 9.3                   | Results of an ST/TOE evaluation .....      | 42 |
| 9.4                   | Conformance claim.....                     | 42 |
| 9.5                   | Use of ST/TOE evaluation results .....     | 43 |
| Annex A (informative) | Specification of Security Targets .....    | 45 |
| Annex B (informative) | Specification of Protection Profiles ..... | 61 |
| Annex C (informative) | Guidance for Operations.....               | 66 |
| Annex D (informative) | PP conformance .....                       | 69 |
| Bibliography .....    |  | 71 |