

DIN EN ISO 21298:2017-07 (E)

Health informatics - Functional and structural roles (ISO 21298:2017, Corrected version 2017-04)

| Contents | | Page |
|---|---|-----------|
| European foreword | | 3 |
| Foreword | | 4 |
| Introduction | | 5 |
| 1 | Scope | 6 |
| 2 | Normative references | 6 |
| 3 | Terms and definitions | 6 |
| 4 | Abbreviated terms | 10 |
| 5 | Modeling roles in an architectural context | 10 |
| 5.1 | Roles within the Generic Component Model..... | 10 |
| 5.2 | Roles and policy aspects..... | 13 |
| 5.3 | Roles in privilege management..... | 14 |
| 5.4 | Relations of this standard to related privilege management specifications..... | 14 |
| 5.5 | Structural roles..... | 15 |
| 5.5.1 | General..... | 15 |
| 5.5.2 | Structural roles of healthcare professions from the International Labour Organization for trans-jurisdiction mapping..... | 15 |
| 5.5.3 | Healthcare specialties..... | 16 |
| 5.6 | Functional roles..... | 17 |
| 6 | Formally modelling roles | 19 |
| 6.1 | Roles within the Generic Component Model..... | 19 |
| 6.2 | Developing the role model..... | 19 |
| 6.2.1 | Relationships and transformation..... | 19 |
| 6.2.2 | Assignment of structural roles..... | 20 |
| 6.2.3 | Generic role specification..... | 20 |
| 6.3 | Relationships between structural and functional roles..... | 23 |
| 7 | Use cases for the use of structural and functional roles in an interregional or international context | 23 |
| Annex A (informative) ISCO-08 sample mapping | | 25 |
| Annex B (informative) Sample certificate profile for regulated healthcare professional | | 36 |
| Bibliography | | 38 |