



# Safetica 6 and common criteria with ISO 15408

ISO 15408 is a standard for evaluating and certifying security of information technologies and related products. It is issued by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC).

**Safetica 6 is able to cover 2/3 of functional components requirements of ISO 154082:2008.** For each function family Safetica 6 provides features that help you comply with this internationally recognized standard (see below).

ISO 154082:2008	Safetica 6 features
<b>Class FAU: Security audit</b>	
FAU_ARP – Automatic response	Alerts, Reports, Safetica logs, Safetica Supervisor
FAU_GEN – Data generation	Safetica logs, Monitoring
FAU_SAA – Analysis	Alerts, Reports, Trends
FAU_SAR – Review	Safetica logs, Reports, Access Management
FAU_SEL – Security audit event selection	Reports
FAU_SEL – Event storage	Encrypted database
<b>Class FCO: Communication</b>	
FCO_NRO – Non-repudiation of origin	Safetica Auditor
FCO_NRR – Non-repudiation of receipt	Safetica Auditor
<b>Class FCS: Cryptographic support</b>	
FCS_CKM – Cryptographic key management	Security keys, Encrypted disks, DLP rules
FCS_COP – Cryptographic operation	The best ciphers currently known (e.g. AES 256 bit)
<b>Class FDP: User data protection</b>	
FDP_ACC – Access control policy	Safetica Tools, Access Management
FDP_ACF – Access control functions	Safetica Supervisor functions, DLP rules
FDP_ETC – Export from TOE	Data categories, Data analysis, File tagging, Filtering rules, Encrypted disks, DLP rules
FDP_IFC – Information flow control policy	Data categories, Data analysis, File tagging, Filtering rules, DLP rules
FDP_IFF – Information flow control functions	DLP protocol, DLP rules, Disk guard, Files
FDP_ITC – Information from outside of TOE	On-the-fly classification, DLP rules
FDP_ITT – Internal TOE transfer	Data encryption
FDP_UCT – Inter-TSF user data confidentiality transfer protection	Data encryption Class FIA: Identification and authentication
<b>Class FIA: Identification and authentication</b>	
FIA_ATD – User attribute definition	User tree – settings for each user
FIA_SOS – Specification of secrets	Key manager
FIA_USB – User-subject binding	Safetica logs

ISO 154082:2008	Safetica 6 features
<b>Class FMT: Security management</b>	
FMT_MOF – Management of functions in TSF	Access Management
FMT_MSA – Management of security attributes	Safetica Supervisor, DLP tools
FMT_MTD – Management of TSF data	Access Management, Encrypted Database, Encrypted Server-Client communication, Access logs
FMT_REV – Revocation	Safetica Supervisor, Disk guard
FMT_SMR – Security management roles	Access Management
<b>Class FPR: Privacy</b>	
FPR_PSE – Pseudonymity	User tree
<b>Class FPT: Protection of the TSF</b>	
FPT_FLS – Fail secure	Services protection
FPT_ITA – Availability of exported TSF data	Export to PDF, Excel, Database Export, SIEM
FPT_ITC – Confidentiality of exported TSF data	Encryption
FPT_ITT – Internal TOE TSF data transfer	On protocol layer
FPT_SSP – State synchrony protocol	TCP/IP communication
FPT_STM – Timestamps	Every Safetica log has its own timestamp
FPT_TDC – Inter-TSF TSF data consistency	Encrypted communication
<b>Class FRU: Resource utilization</b>	
FRU_FLT – Fault tolerance	Process restarts, Fault resistance
FRU_PRS – Priority of service	Safetica mechanism
<b>Class FTA: TOE access</b>	
FTA_TAB – TOE access banners	Client notifications
FTA_TAH – TOE access history	Safetica logs
FTA_TSE – TOE session establishment	Disk guard, DLP rules
<b>Class FTP: Trusted path/channels</b>	
FTP_TRP – Trusted path	Encrypted communication among Safetica components