

# Root of Trust Standard Requirements & Availability

Trust Component		Standard Adoption Criteria		Availability
Privacy Assurance		ANS or equivalent standard or statement of principles	Yes – principles only	
Entity Identity Assurance - Human		ANS with audited SDO accreditation or equivalent, compliance standard w/4-levels of assurance	Available now as trial standard, Q3/2013 as an ANS	
Entity Identity Assurance - Organization		Ditto	TBD	
Entity Identity Assurance – System/Device		Ditto	TBD	
Entity Suitability Assurance - Human		ANS with audited SDO accreditation or equivalent, compliance standard w/4-levels of assurance	TBD	
Entity Suitability Assurance - Organization		Ditto	TBD	
Entity Suitability Assurance – System/Device		Ditto	TBD	
Entity Authentication Assurance - Human		ANS with audited SDO accreditation or equivalent, compliance standard w/4-methods of assurance	Yes	
Entity Authentication Assurance - Organization		ANS with audited SDO accreditation or equivalent, compliance standard w/4-methods of assurance	TBD	
Entity Authentication Assurance – System/Device		ANS with audited SDO accreditation or equivalent, compliance standard w/4-methods of assurance	TBD	
IDE Service Provider – Security Assurance		ANS with audited SDO accreditation or equivalent, compliance standard w/certification program	Yes – Basic, High and Very High available with certification	
IDE System – Physical Security Assurance		ANS with audited SDO accreditation or equivalent, compliance standard w/certification program	Yes – Basic, High and Very High available with certification	
IDE System – IT Security Assurance		ANS with audited SDO accreditation or equivalent, compliance standard w/certification program	Yes – Basic, High and Very High available with certification	
IDE System – Trust Credential & Trust Mark Security Assurance		ANS with audited SDO accreditation or equivalent, compliance standard w/certification program	TBD	
IDE Authority – Integrity Assurance		TBD	TBD	
IDE Transparency Assurance		TBD	TBD	

IDE Chain of Trust Components	Basis of Trust				
	Entity Identity	Entity Suitability	Privacy	Security	Integrity
IDE Auditors	n/a	n/a	NDA	NDA	Accreditation
IDE Authority	IDE Policies, Rules & Regulations re: Entity Identity Assurance	IDE Policies, Rules & Regulations re: Entity Suitability Assurance	IDE Policies, Rules & Regulations re: Privacy Assurance	IDE Policies, Rules & Regulations re: IDE Security Assurance	IDE Policies, Rules & Regulations re: IDE Governance & Accountability
IDE Assurance Providers	IDE Contractual Obligations	IDE Contractual Obligations	Compliance with FIPP's & NDA	IDE Security Assurance Compliance	Accreditation
IDE System Operators	IDE Contractual Obligations	IDE Contractual Obligations	Compliance with FIPP's & NDA	IDE Security Assurance Compliance	Accreditation
IDE System Components					
Breach of Trust - Prevention, Detection & Control	Identification & Treatment of Entity Identity Fraud	Identification & Treatment of Entity Suitability Fraud	Identification & Treatment of IDE Privacy Threats & Vulnerabilities	Identification & Treatment of IDE Security Threats & Vulnerabilities	n/a
Entity Registration, Binding & Credential Issuance Process	Identification & Treatment of IDE Registration and Issuance Threats & Vulnerabilities	Identification & Treatment of IDE Credential Threats & Vulnerabilities	Compliance with FIPP's	Compliance w/IDE Enrollment Requirements	n/a
IDE Trust Credential	Identification & Treatment of IDE Credential Threats & Vulnerabilities	Identification & Treatment of IDE Trust Threats & Vulnerabilities	Compliance with FIPP's	Compliance w/IDE Credential Requirements	n/a
Entity Data Custody	Identification & Treatment of IDE Data Threats & Vulnerabilities	Identification & Treatment of IDE Trust Threats & Vulnerabilities	Compliance with FIPP's	Compliance w/IDE Data Security Requirements	n/a
Entity Data Transmission	Identification & Treatment of IDE Data Transmission Threats & Vulnerabilities	Identification & Treatment of IDE Data Threats & Vulnerabilities	Compliance with FIPP's	Compliance w/IDE Data Transmission Requirements	n/a
Entity Authentication Process	Identification & Treatment of IDE Authentication Threats & Vulnerabilities	Identification & Treatment of IDE Entity Authentication Threats & Vulnerabilities	Compliance with FIPP's	Compliance w/IDE Method(s) of Authentication	n/a
Interaction Authorization Process	Identification & Treatment of IDE Credential Threats & Vulnerabilities	Identification & Treatment of IDE Trust Threats & Vulnerabilities	Compliance with FIPP's	Compliance w/IDE Authorization Requirements	n/a
Interaction Activity Log	Identification & Treatment of IDE Log Threats & Vulnerabilities	Identification & Treatment of IDE Activity Threats & Vulnerabilities	Compliance with FIPP's	Compliance w/IDE Logging Requirements	n/a
Entity Suitability Assurance Process	n/a	Compliance with an ANS or Equiv. Entity Suitability Assurance Standard	Compliance with FIPP's	See IDE Assurance Providers	n/a
Entity Identity Assurance Process	Compliance with an ANS or Equiv. Entity Identity Assurance Standard	n/a	Compliance with FIPP's	See IDE Assurance Providers	n/a