

# **CYGNACOM**

## **S O L U T I O N S**

### **Entrust Managed Services PKI**

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**Entrust Managed Services  
Non-Federal Public Key Infrastructure  
X.509 Certification Practice Statement**

Version 1.5

August 15, 2011

## SIGNATURE PAGE

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Entrust Managed Services  
PKI Policy Authority

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Date

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## Revision History

Document Version	Document Date	Revision Details
1.0	April 24, 2009	Initial draft.
1.1	May 15, 2009	Align document more closely with FBCA CP
1.1.1	May 26, 2009	Align Section 5.3.1 with the FBCA CP and other minor corrections
1.1.2	June 09, 2009	Updates based upon comments from the FBCA CPWG mapping review.
1.2	March 5, 2010	Revised to incorporate requirements for SAFE and align with version 1.2 of the EMS NF PKI X.509 CP
1.3	September 30, 2010	Revised to incorporate requirements for PIV-I for the US Federal Government
1.4	March 20, 2011	Revised to clarify sections that were identified as unclear during annual audit
1.5	August 15, 2011	Revised Section 6.1.4.2 to clarify key update certificate issuance for Issuing CAs
1.5	December 6, 2017	Redaction of proprietary content for public distribution.

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## CONTENTS

<b>1.0</b>	<b>INTRODUCTION.....</b>	<b>9</b>
1.1	Overview.....	<b>Error! Bookmark not defined.</b>
1.1.1	Certificate Policy .....	<b>Error! Bookmark not defined.</b>
1.1.2	Relationship Between the EMS NFI CP and this CPS ...	<b>Error! Bookmark not defined.</b>
1.1.3	Scope.....	<b>Error! Bookmark not defined.</b>
1.1.4	Interoperation with CAs issuing under different policies .....	<b>Error! Bookmark not defined.</b>
1.2	Document Name and Identification .....	<b>Error! Bookmark not defined.</b>
1.2.1	Root CA .....	<b>Error! Bookmark not defined.</b>
1.2.2	Issuing CA .....	<b>Error! Bookmark not defined.</b>
1.3	PKI Participants .....	<b>Error! Bookmark not defined.</b>
1.3.1	PKI Authorities .....	<b>Error! Bookmark not defined.</b>
1.3.2	Registration Authority .....	<b>Error! Bookmark not defined.</b>
1.3.3	Trusted Agents .....	<b>Error! Bookmark not defined.</b>
1.3.4	Subscribers.....	<b>Error! Bookmark not defined.</b>
1.3.5	Relying Parties.....	<b>Error! Bookmark not defined.</b>
1.3.6	Other Participants.....	<b>Error! Bookmark not defined.</b>
1.4	Certificate Usage.....	<b>Error! Bookmark not defined.</b>
1.4.1	Appropriate Certificate Uses.....	<b>Error! Bookmark not defined.</b>
1.4.2	Prohibited Certificate Uses .....	<b>Error! Bookmark not defined.</b>
1.5	Policy Administration .....	<b>Error! Bookmark not defined.</b>
1.5.1	Organization Administering the Document .....	<b>Error! Bookmark not defined.</b>
1.5.2	Contact Information .....	<b>Error! Bookmark not defined.</b>
1.5.3	Person Determining CPS Suitability for the Policy .	<b>Error! Bookmark not defined.</b>
1.5.4	CPS Approval Procedures.....	<b>Error! Bookmark not defined.</b>
1.6	Definitions and Acronyms .....	<b>Error! Bookmark not defined.</b>
1.6.1	List of Definitions .....	<b>Error! Bookmark not defined.</b>
1.6.2	List of Acronyms .....	<b>Error! Bookmark not defined.</b>
<b>2.0</b>	<b>PUBLICATION AND REPOSITORY RESPONSIBILITIES.ERROR! BOOKMARK NOT DEFINED.</b>	
2.1	Repositories.....	<b>Error! Bookmark not defined.</b>
2.1.1	Root CA .....	<b>Error! Bookmark not defined.</b>
2.1.2	Issuing CA .....	<b>Error! Bookmark not defined.</b>
2.2	Publication of Certification Information.....	<b>Error! Bookmark not defined.</b>
2.2.1	Publication of Certificates and Certificate Status ....	<b>Error! Bookmark not defined.</b>
2.2.2	Publication of CA Information .....	<b>Error! Bookmark not defined.</b>
2.2.3	Interoperability.....	<b>Error! Bookmark not defined.</b>
2.3	Time or Frequency of Publication .....	<b>Error! Bookmark not defined.</b>
2.4	Access Controls on Repositories .....	<b>Error! Bookmark not defined.</b>
2.4.1	Access Controls on Root CA Repositories	<b>Error! Bookmark not defined.</b>

2.4.2	Access Controls on Issuing CA Repositories .....	<b>Error! Bookmark not defined.</b>
<b>3.0</b>	<b>IDENTIFICATION AND AUTHENTICATION .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
3.1	Naming.....	<b>Error! Bookmark not defined.</b>
3.1.1	Types of Names .....	<b>Error! Bookmark not defined.</b>
3.1.2	Need for Names to be Meaningful.....	<b>Error! Bookmark not defined.</b>
3.1.3	Anonymity or Pseudonymity of Subscribers .....	<b>Error! Bookmark not defined.</b>
3.1.4	Rules for Interpreting Various Name Forms .....	<b>Error! Bookmark not defined.</b>
3.1.5	Uniqueness of Names .....	<b>Error! Bookmark not defined.</b>
3.1.6	Recognition, Authentication, and Role of Trademarks ..	<b>Error! Bookmark not defined.</b>
3.2	Initial Identity Validation.....	<b>Error! Bookmark not defined.</b>
3.2.1	Method to Prove Possession of Private Key .....	<b>Error! Bookmark not defined.</b>
3.2.2	Authentication of Organization Identity ....	<b>Error! Bookmark not defined.</b>
3.2.3	Authentication of Individual Identity.....	<b>Error! Bookmark not defined.</b>
3.2.4	Non-verified Subscriber Information.....	<b>Error! Bookmark not defined.</b>
3.2.5	Validation of Authority.....	<b>Error! Bookmark not defined.</b>
3.2.6	Criteria for Interoperation.....	<b>Error! Bookmark not defined.</b>
3.3	Identification and Authentication for Re-Key Requests.....	<b>Error! Bookmark not defined.</b>
3.3.1	Identification and Authentication for Routine Re-key....	<b>Error! Bookmark not defined.</b>
3.3.2	Identification and Authentication for Re-Key After Revocation.....	<b>Error! Bookmark not defined.</b>
3.4	Identification and Authentication for Revocation Request..	<b>Error! Bookmark not defined.</b>
3.4.1	Root CA .....	<b>Error! Bookmark not defined.</b>
3.4.2	Issuing CA .....	<b>Error! Bookmark not defined.</b>
<b>4.0</b>	<b>OPERATIONAL REQUIREMENTS.....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
4.1	Certificate Application.....	<b>Error! Bookmark not defined.</b>
4.1.1	Who Can Submit a Certificate Application .....	<b>Error! Bookmark not defined.</b>
4.1.2	Enrollment Process and Responsibilities ...	<b>Error! Bookmark not defined.</b>
4.2	Certificate Application Processing .....	<b>Error! Bookmark not defined.</b>
4.2.1	Performing Identification and Authentication Functions	<b>Error! Bookmark not defined.</b>
4.2.2	Approval or Rejection of Certificate Applications ..	<b>Error! Bookmark not defined.</b>
4.2.3	Time to Process Certificate Applications ..	<b>Error! Bookmark not defined.</b>
4.3	Certificate Issuance.....	<b>Error! Bookmark not defined.</b>
4.3.1	CA Actions During Certificate Issuance....	<b>Error! Bookmark not defined.</b>

- 4.3.2 Notification to Subscriber by the CA of Issuance of Certificate ..... **Error! Bookmark not defined.**
- 4.4 Certificate Acceptance .....**Error! Bookmark not defined.**
  - 4.4.1 Conduct Constituting Certificate Acceptance..... **Error! Bookmark not defined.**
  - 4.4.2 Publication of the Certificate by the CA....**Error! Bookmark not defined.**
  - 4.4.3 Notification of Certificate Issuance by the CA to Other Entities ..... **Error! Bookmark not defined.**
- 4.5 Key Pair and Certificate Usage.....**Error! Bookmark not defined.**
  - 4.5.1 Subscriber Private Key and Certificate Usage..... **Error! Bookmark not defined.**
  - 4.5.2 Relying Party Public key and Certificate Usage..... **Error! Bookmark not defined.**
- 4.6 Certificate Renewal.....**Error! Bookmark not defined.**
  - 4.6.1 Circumstance for Certificate Renewal .....**Error! Bookmark not defined.**
  - 4.6.2 Who May Request Renewal.....**Error! Bookmark not defined.**
  - 4.6.3 Processing Certificate Renewal Requests ..**Error! Bookmark not defined.**
  - 4.6.4 Notification of New Certificate Issuance to Subscriber . **Error! Bookmark not defined.**
  - 4.6.5 Conduct Constituting Acceptance of a Renewal Certificate..... **Error! Bookmark not defined.**
  - 4.6.6 Publication of the Renewal Certificate by the CA... **Error! Bookmark not defined.**
  - 4.6.7 Notification of Certificate Issuance by the CA to Other Entities ..... **Error! Bookmark not defined.**
- 4.7 Certificate Re-key .....**Error! Bookmark not defined.**
  - 4.7.1 Circumstance for Certificate Re-key .....**Error! Bookmark not defined.**
  - 4.7.2 Who May Request Certification of a New Public Key... **Error! Bookmark not defined.**
  - 4.7.3 Processing Certificate Re-keying Requests ..... **Error! Bookmark not defined.**
  - 4.7.4 Notification of New Certificate Issuance to Subscriber . **Error! Bookmark not defined.**
  - 4.7.5 Conduct Constituting Acceptance of a Re-keyed Certificate ..... **Error! Bookmark not defined.**
  - 4.7.6 Publication of the Re-keyed Certificate by the CA . **Error! Bookmark not defined.**
  - 4.7.7 Notification of Certificate Issuance by the CA to Other Entities ..... **Error! Bookmark not defined.**
- 4.8 Certificate Modification.....**Error! Bookmark not defined.**
  - 4.8.1 Circumstance for Certificate Modification **Error! Bookmark not defined.**
  - 4.8.2 Who May Request Certificate Modification..... **Error! Bookmark not defined.**
  - 4.8.3 Processing Certificate Modification Requests ..... **Error! Bookmark not defined.**
  - 4.8.4 Notification of New Certificate Issuance to Subscriber . **Error! Bookmark not defined.**

4.8.5	Conduct Constituting Acceptance of Modified Certificate .....	<b>Error! Bookmark not defined.</b>
4.8.6	Publication of the Modified Certificate by the CA..	<b>Error! Bookmark not defined.</b>
4.8.7	Notification of Certificate Issuance by the CA to Other Entities .....	<b>Error! Bookmark not defined.</b>
4.9	Certificate Revocation and Suspension .....	<b>Error! Bookmark not defined.</b>
4.9.1	Circumstances for Revocation .....	<b>Error! Bookmark not defined.</b>
4.9.2	Who Can Request a Revocation .....	<b>Error! Bookmark not defined.</b>
4.9.3	Procedure for Revocation Request.....	<b>Error! Bookmark not defined.</b>
4.9.4	Revocation Grace Period .....	<b>Error! Bookmark not defined.</b>
4.9.5	Time within which CA must Process the Revocation Request.....	<b>Error! Bookmark not defined.</b>
4.9.6	Revocation Checking Requirements for Relying Parties	<b>Error! Bookmark not defined.</b>
4.9.7	CRL Issuance Frequency .....	<b>Error! Bookmark not defined.</b>
4.9.8	Maximum Latency for CRLs .....	<b>Error! Bookmark not defined.</b>
4.9.9	Online Revocation/Status Checking Availability ....	<b>Error! Bookmark not defined.</b>
4.9.10	On-line Revocation Checking Requirements.....	<b>Error! Bookmark not defined.</b>
4.9.11	Other Forms of Revocation Advertisements Available ..	<b>Error! Bookmark not defined.</b>
4.9.12	Special Requirements Related To Key Compromise.....	<b>Error! Bookmark not defined.</b>
4.9.13	Circumstances for Suspension .....	<b>Error! Bookmark not defined.</b>
4.9.14	Who Can Request Suspension .....	<b>Error! Bookmark not defined.</b>
4.9.15	Procedure for Suspension Request.....	<b>Error! Bookmark not defined.</b>
4.9.16	Limits on Suspension Period .....	<b>Error! Bookmark not defined.</b>
4.10	CERTIFICATE STATUS SERVICES .....	<b>Error! Bookmark not defined.</b>
4.10.1	Operational Characteristics .....	<b>Error! Bookmark not defined.</b>
4.10.2	Service Availability .....	<b>Error! Bookmark not defined.</b>
4.10.3	Optional Features .....	<b>Error! Bookmark not defined.</b>
4.11	End of Subscription.....	<b>Error! Bookmark not defined.</b>
4.12	Key Escrow and Recovery .....	<b>Error! Bookmark not defined.</b>
4.12.1	Key Escrow and Recovery Policy and Practices .....	<b>Error! Bookmark not defined.</b>
4.12.2	Session Key Encapsulation and Recovery Policy and Practices .....	<b>Error! Bookmark not defined.</b>
<b>5.0</b>	<b>FACILITY, MANAGEMENT, AND OPERATIONAL CONTROLS.....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
5.1	Physical Controls .....	<b>Error! Bookmark not defined.</b>
5.1.1	Site Location and Construction.....	<b>Error! Bookmark not defined.</b>
5.1.2	Physical Access.....	<b>Error! Bookmark not defined.</b>
5.1.3	Power and Air Conditioning .....	<b>Error! Bookmark not defined.</b>
5.1.4	Water Exposures .....	<b>Error! Bookmark not defined.</b>
5.1.5	Fire Prevention and Protection.....	<b>Error! Bookmark not defined.</b>



5.1.6	Media Storage .....	<b>Error! Bookmark not defined.</b>
5.1.7	Waste Disposal.....	<b>Error! Bookmark not defined.</b>
5.1.8	Off-Site Backup .....	<b>Error! Bookmark not defined.</b>
5.2	Procedural Controls .....	<b>Error! Bookmark not defined.</b>
5.2.1	Trusted Roles .....	<b>Error! Bookmark not defined.</b>
5.2.2	Number of Persons Required per Task .....	<b>Error! Bookmark not defined.</b>
5.2.3	Identification and Authentication for Each Role .....	<b>Error! Bookmark not defined.</b>
5.2.4	Roles Requiring Separation of Duties.....	<b>Error! Bookmark not defined.</b>
5.3	Personnel Controls .....	<b>Error! Bookmark not defined.</b>
5.3.1	Qualifications, Experience, and Clearance Requirements .....	<b>Error! Bookmark not defined.</b>
5.3.2	Background Check Procedures .....	<b>Error! Bookmark not defined.</b>
5.3.3	Training Requirements.....	<b>Error! Bookmark not defined.</b>
5.3.4	Retraining Frequency and Requirements...	<b>Error! Bookmark not defined.</b>
5.3.5	Job Rotation Frequency and Sequence .....	<b>Error! Bookmark not defined.</b>
5.3.6	Sanctions for Unauthorized Actions .....	<b>Error! Bookmark not defined.</b>
5.3.7	Independent Contractor Requirements .....	<b>Error! Bookmark not defined.</b>
5.3.8	Documentation Supplied to Personnel.....	<b>Error! Bookmark not defined.</b>
5.4	Audit Logging Procedures .....	<b>Error! Bookmark not defined.</b>
5.4.1	Types of Events Recorded .....	<b>Error! Bookmark not defined.</b>
5.4.2	Frequency of Processing Log.....	<b>Error! Bookmark not defined.</b>
5.4.3	Retention Period for Audit Log .....	<b>Error! Bookmark not defined.</b>
5.4.4	Protection of Audit Log .....	<b>Error! Bookmark not defined.</b>
5.4.5	Audit Log Backup Procedures .....	<b>Error! Bookmark not defined.</b>
5.4.6	Audit Collection System (Internal vs. External).....	<b>Error! Bookmark not defined.</b>
5.4.7	Notification to Event-Causing Subject .....	<b>Error! Bookmark not defined.</b>
5.4.8	Vulnerability Assessments.....	<b>Error! Bookmark not defined.</b>
5.5	Records Archival .....	<b>Error! Bookmark not defined.</b>
5.5.1	Types of Data Archived .....	<b>Error! Bookmark not defined.</b>
5.5.2	Retention Period for Archive .....	<b>Error! Bookmark not defined.</b>
5.5.3	Protection of Archive .....	<b>Error! Bookmark not defined.</b>
5.5.4	Archive Backup Procedures.....	<b>Error! Bookmark not defined.</b>
5.5.5	Requirement for Time-Stamping of Records.....	<b>Error! Bookmark not defined.</b>
5.5.6	Archive Collection System (Internal and External) .	<b>Error! Bookmark not defined.</b>
5.5.7	Procedures to Obtain and Verify Archive Information...	<b>Error! Bookmark not defined.</b>
5.6	Key Changeover.....	<b>Error! Bookmark not defined.</b>
5.6.1	Root CA .....	<b>Error! Bookmark not defined.</b>
5.6.2	Issuing CA .....	<b>Error! Bookmark not defined.</b>
5.7	Compromise and Disaster Recovery.....	<b>Error! Bookmark not defined.</b>
5.7.1	Incident and Compromise Handling Procedures .....	<b>Error! Bookmark not defined.</b>

- 5.7.2 Computer Resources, Software, and/or Data are Corrupted..... **Error! Bookmark not defined.**
- 5.7.3 Entity (CA) Private Key Compromise Procedures .. **Error! Bookmark not defined.**
- 5.7.4 Business Continuity Capabilities after a Disaster .... **Error! Bookmark not defined.**
- 5.8 CA or RA Termination .....**Error! Bookmark not defined.**
- 6.0 TECHNICAL SECURITY CONTROLS ..... ERROR! BOOKMARK NOT DEFINED.**
- 6.1 Key Pair Generation and Installation .....**Error! Bookmark not defined.**
  - 6.1.1 Key Pair Generation.....**Error! Bookmark not defined.**
  - 6.1.2 Private Key Delivery to Subscriber .....**Error! Bookmark not defined.**
  - 6.1.3 Public Key Delivery to Certificate Issuer ..**Error! Bookmark not defined.**
  - 6.1.4 CA Public Key Delivery to Relying Parties ..... **Error! Bookmark not defined.**
  - 6.1.5 Key Sizes .....**Error! Bookmark not defined.**
  - 6.1.6 Public Key Parameters Generation and Quality Checking ..... **Error! Bookmark not defined.**
  - 6.1.7 Key Usage Purposes (as per X.509 v3 Key Usage Field)..... **Error! Bookmark not defined.**
- 6.2 Private Key Protection and Cryptographic Module Engineering Controls ... **Error! Bookmark not defined.**
  - 6.2.1 Cryptographic Module Standards and Controls..... **Error! Bookmark not defined.**
  - 6.2.2 Private Key (n out of m) Multi-Person Control ..... **Error! Bookmark not defined.**
  - 6.2.3 Private Key Escrow.....**Error! Bookmark not defined.**
  - 6.2.4 Private Key Backup .....**Error! Bookmark not defined.**
  - 6.2.5 Private Key Archival.....**Error! Bookmark not defined.**
  - 6.2.6 Private Key Transfer into or from a Cryptographic Module ..... **Error! Bookmark not defined.**
  - 6.2.7 Private Key Storage on Cryptographic Module..... **Error! Bookmark not defined.**
  - 6.2.8 Method of Activating Private Key .....**Error! Bookmark not defined.**
  - 6.2.9 Method of Deactivating Private Key .....**Error! Bookmark not defined.**
  - 6.2.10 Method of Destroying Private Key .....**Error! Bookmark not defined.**
  - 6.2.11 Cryptographic Module Rating .....**Error! Bookmark not defined.**
- 6.3 Other Aspects of Key Pair Management .....**Error! Bookmark not defined.**
  - 6.3.1 Public Key Archival.....**Error! Bookmark not defined.**
  - 6.3.2 Certificate Operational Periods and Key Usage Periods **Error! Bookmark not defined.**
- 6.4 Activation Data .....**Error! Bookmark not defined.**
  - 6.4.1 Activation Data Generation and Installation..... **Error! Bookmark not defined.**
  - 6.4.2 Activation Data Protection.....**Error! Bookmark not defined.**
  - 6.4.3 Other Aspects of Activation Data .....**Error! Bookmark not defined.**
- 6.5 Computer Security Controls .....**Error! Bookmark not defined.**

6.5.1	Specific Computer Security Technical Requirements ....	<b>Error! Bookmark not defined.</b>
6.5.2	Computer Security Rating.....	<b>Error! Bookmark not defined.</b>
6.6	Lifecycle Technical Controls .....	<b>Error! Bookmark not defined.</b>
6.6.1	System Development Controls .....	<b>Error! Bookmark not defined.</b>
6.6.2	Security Management Controls.....	<b>Error! Bookmark not defined.</b>
6.6.3	Life Cycle Security Controls .....	<b>Error! Bookmark not defined.</b>
6.7	Network Security Controls .....	<b>Error! Bookmark not defined.</b>
6.7.1	Root CA .....	<b>Error! Bookmark not defined.</b>
6.7.2	Issuing CA .....	<b>Error! Bookmark not defined.</b>
6.8	Time-Stamping .....	<b>Error! Bookmark not defined.</b>
<b>7.0</b>	<b>CERTIFICATE, CRL, AND OCSP PROFILES .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
7.1	Certificate Profile.....	<b>Error! Bookmark not defined.</b>
7.1.1	Version Numbers .....	<b>Error! Bookmark not defined.</b>
7.1.2	Certificate Extensions .....	<b>Error! Bookmark not defined.</b>
7.1.3	Algorithm Object Identifiers.....	<b>Error! Bookmark not defined.</b>
7.1.4	Name Forms.....	<b>Error! Bookmark not defined.</b>
7.1.5	Name Constraints.....	<b>Error! Bookmark not defined.</b>
7.1.6	Certificate Policy Object Identifier .....	<b>Error! Bookmark not defined.</b>
7.1.7	Usage of Policy Constraints Extension.....	<b>Error! Bookmark not defined.</b>
7.1.8	Policy Qualifiers Syntax and Semantics ....	<b>Error! Bookmark not defined.</b>
7.1.9	Processing Semantics for the Critical Certificate Policy Extension ..	<b>Error! Bookmark not defined.</b>
7.2	CRL Profile.....	<b>Error! Bookmark not defined.</b>
7.2.1	Version Numbers .....	<b>Error! Bookmark not defined.</b>
7.2.2	CRL and CRL Entry Extensions.....	<b>Error! Bookmark not defined.</b>
7.3	OCSP Profile.....	<b>Error! Bookmark not defined.</b>
7.3.1	Version Number(s).....	<b>Error! Bookmark not defined.</b>
7.3.2	OCSP Extensions .....	<b>Error! Bookmark not defined.</b>
<b>8.0</b>	<b>COMPLIANCE AUDIT AND OTHER ASSESSMENTS .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
8.1	Frequency or Circumstances of Assessment.....	<b>Error! Bookmark not defined.</b>
8.2	Identity/Qualifications of Compliance Assessor ...	<b>Error! Bookmark not defined.</b>
8.3	Assessor’s Relationship to Assessed Entity.....	<b>Error! Bookmark not defined.</b>
8.4	Topics Covered by Assessment .....	<b>Error! Bookmark not defined.</b>
8.5	Actions Taken as a Result of Deficiency .....	<b>Error! Bookmark not defined.</b>
8.6	Communications of Results .....	<b>Error! Bookmark not defined.</b>
<b>9.0</b>	<b>OTHER BUSINESS AND LEGAL MATTERS .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
9.1	Fees .....	<b>Error! Bookmark not defined.</b>
9.1.1	Certificate Issuance or Renewal Fees .....	<b>Error! Bookmark not defined.</b>
9.1.2	Certificate Access Fees .....	<b>Error! Bookmark not defined.</b>
9.1.3	Revocation or Status Information Access Fees .....	<b>Error! Bookmark not defined.</b>

9.1.4	Fees for Other Services Such as Policy Information	<b>Error! Bookmark not defined.</b>
9.1.5	Refund Policy.....	<b>Error! Bookmark not defined.</b>
9.2	Financial Responsibility.....	<b>Error! Bookmark not defined.</b>
9.2.1	Insurance Coverage.....	<b>Error! Bookmark not defined.</b>
9.2.2	Other Assets .....	<b>Error! Bookmark not defined.</b>
9.2.3	Insurance or Warranty Coverage for End-Entities...	<b>Error! Bookmark not defined.</b>
9.3	Confidentiality of Business Information.....	<b>Error! Bookmark not defined.</b>
9.3.1	Scope of Confidential Information .....	<b>Error! Bookmark not defined.</b>
9.3.2	Information not within the Scope of Confidential Information .....	<b>Error! Bookmark not defined.</b>
9.3.3	Responsibilities to Protect Confidential Information .....	<b>Error! Bookmark not defined.</b>
9.4	Privacy of Personal Information .....	<b>Error! Bookmark not defined.</b>
9.4.1	Privacy Plan .....	<b>Error! Bookmark not defined.</b>
9.4.2	Information Treated as Private.....	<b>Error! Bookmark not defined.</b>
9.4.3	Information not Deemed Private.....	<b>Error! Bookmark not defined.</b>
9.4.4	Responsibilities to Protect Private Information .....	<b>Error! Bookmark not defined.</b>
9.4.5	Notice and Consent to Use Private Information .....	<b>Error! Bookmark not defined.</b>
9.4.6	Disclosure Pursuant to Judicial or Administrative Process .....	<b>Error! Bookmark not defined.</b>
9.4.7	Other Information Disclosure .....	<b>Error! Bookmark not defined.</b>
9.5	Intellectual Property Rights .....	<b>Error! Bookmark not defined.</b>
9.6	Representations and Warranties.....	<b>Error! Bookmark not defined.</b>
9.6.1	CA Representations and Warranties .....	<b>Error! Bookmark not defined.</b>
9.6.2	RA Representations and Warranties .....	<b>Error! Bookmark not defined.</b>
9.6.3	Subscriber Representations and Warranties.....	<b>Error! Bookmark not defined.</b>
9.6.4	Relying Parties Representations and Warranties .....	<b>Error! Bookmark not defined.</b>
9.6.5	Representations and Warranties of Other Participants ...	<b>Error! Bookmark not defined.</b>
9.7	DISCLAIMERS OF WARRANTIES.....	<b>Error! Bookmark not defined.</b>
9.8	LIMITATIONS OF LIABILITY .....	<b>Error! Bookmark not defined.</b>
9.9	INDEMNITIES .....	<b>Error! Bookmark not defined.</b>
9.10	TERM AND TERMINATION .....	<b>Error! Bookmark not defined.</b>
9.10.1	Term.....	<b>Error! Bookmark not defined.</b>
9.10.2	Termination.....	<b>Error! Bookmark not defined.</b>
9.10.3	Effect of Termination and Survival .....	<b>Error! Bookmark not defined.</b>
9.11	INDIVIDUAL NOTICES AND COMMUNICATIONS WITH PARTICIPANTS .....	<b>Error! Bookmark not defined.</b>
9.12	AMENDMENTS .....	<b>Error! Bookmark not defined.</b>
9.12.1	Procedure for Amendment.....	<b>Error! Bookmark not defined.</b>
9.12.2	Notification Mechanism and Period .....	<b>Error! Bookmark not defined.</b>

9.12.3	Circumstances under which OID must be Changed	<b>Error! Bookmark not defined.</b>
9.13	DISPUTE RESOLUTION PROVISIONS .....	<b>Error! Bookmark not defined.</b>
9.14	GOVERNING LAW .....	<b>Error! Bookmark not defined.</b>
9.15	COMPLIANCE WITH APPLICABLE LAW .....	<b>Error! Bookmark not defined.</b>
9.16	MISCELLANEOUS PROVISIONS .....	<b>Error! Bookmark not defined.</b>
9.16.1	Entire Agreement .....	<b>Error! Bookmark not defined.</b>
9.16.2	Assignment .....	<b>Error! Bookmark not defined.</b>
9.16.3	Severability .....	<b>Error! Bookmark not defined.</b>
9.16.4	Enforcement (Attorneys' Fees and Waiver of Rights) ...	<b>Error! Bookmark not defined.</b>
9.16.5	Force Majeure .....	<b>Error! Bookmark not defined.</b>
9.17	OTHER PROVISIONS .....	<b>Error! Bookmark not defined.</b>
9.17.1	Waivers .....	<b>Error! Bookmark not defined.</b>
<b>APPENDIX A: EXTERNAL SERVICE PROVIDERS .....</b>		<b>ERROR! BOOKMARK NOT DEFINED.</b>

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## EXHIBITS

Exhibit 1: Certificate Policy Identifiers .....	<b>Error! Bookmark not defined.</b>
Exhibit 2: Identification Requirements .....	<b>Error! Bookmark not defined.</b>
Exhibit 3: Acceptable Identification Credentials .....	<b>Error! Bookmark not defined.</b>
Exhibit 3: Acceptable Identification Credentials .....	<b>Error! Bookmark not defined.</b>
Exhibit 4: Revocation Reasons .....	<b>Error! Bookmark not defined.</b>
Exhibit 5: Non-Federal Root CA Authorized Revocation Requestors and Approvers .....	<b>Error! Bookmark not defined.</b>
Exhibit 6: Issuing CA Authorized Revocation Requestors and Approvers .....	<b>Error! Bookmark not defined.</b>
Exhibit 7: Root CA Trusted Roles and Assigned Privileges .....	<b>Error! Bookmark not defined.</b>
Exhibit 8: Issuing CA Trusted Roles and Assigned Privileges .....	<b>Error! Bookmark not defined.</b>
Exhibit 9: Recorded Audit Events .....	<b>Error! Bookmark not defined.</b>
Exhibit 10: Data Recorded For Archive .....	<b>Error! Bookmark not defined.</b>
Exhibit 11: Cryptographic Module Standards .....	<b>Error! Bookmark not defined.</b>

## 1.0 INTRODUCTION

Entrust, Inc. (Entrust) has implemented a comprehensive, outsourced Public Key Infrastructure (PKI) to provide the services necessary to support non-Federal entities. This PKI, referred to as Entrust Managed Services Non-Federal PKI (EMS NFI), is designed to provide shared service provider (SSP) PKI services to non-Federal organizations (e.g., State Government, Local Government, Educational institutions, Commercial Entity employees and contractors, etc).

The EMS NFI is compliant with the *Entrust Managed Services Non-Federal Public Key Infrastructure X.509 Certificate Policy*. The EMS NFI consists of products and services that provide and manage X.509 certificates for public key cryptography. Part of this PKI are Certification Authorities (hereafter referred to collectively as “EMS NFI CA”) that generate and revoke X.509 public key certificates. The CA binds the Subscribers to their public/private key pairs, through the issuance of X.509 certificates.

This Certification Practices Statement (CPS) defines the practices under which the EMS NFI CA operates. This CPS is subject to review and approval by the Entrust Managed Services Policy Authority (EMS PA).

This CPS is applicable to all entities with relationships with the EMS NFI CA, including Trusted Roles users (e.g., Master Users and Security Officers (SO)). No end user certificates are issued from a Root CA. All individual certificates issued from a Root CA are to those entities filling Trusted Roles. This CPS provides these entities with a clear statement of the practices and responsibilities of the EMS NFI CA, as well as the responsibilities of each entity in dealing with the EMS NFI CA.

This CPS is consistent with the Internet Engineering Task Force (IETF) Public Key Infrastructure X.509 (PKIX) Working Group Request for Comment (RFC) 3647, *Certificate Policy and Certification Practice Statement Framework*.

The remaining sections contain sensitive proprietary information and have been redacted accordingly. Please contact your agency’s ISSO representative for any further information regarding the CPS.