Queensland Government Chief Information Office



Queensland Government Enterprise Architecture PKI Framework

Queensland Government Root Certification Authority T1C1

Relying Party Agreement Version 1.0



Queensland Government Department of Public Works

Queensland the Smart State

Approved on behalf of the QGPKIPA Approved on behalf of the CAO Signature Signature CITE(Organisation CHRISTOPHER GOH Name DOUG SCOLAILI Name _____ DIRECTOR, CLIENT SERVICES Title 23/08/2010. Date Chair _____ Title 2408/2010. Dote

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1 Purpose of this Document

- 1. The purpose of this document is to set out the terms and conditions of an agreement made between:
 - 1. The Certification Authority Owner (CAO), in this case Queensland Government as represented by the Department of Public Works ("Us");
 - 2. The Relying Party ("You").
- 2. A Relying Party is an entity as defined in Section 5.1.
- 3. This Agreement recognises the CAO being responsible for issuance of Certificates binding Private Keys to CAs operated by the Subscriber, designed for use by Relying Parties.
- 4. This Agreement exists to document Your obligations in relation to the use of Certificates provided by Us. In most cases any liability (legal or otherwise) that arises from the use of a Certificate lies with You and, in fewer cases, with the Subscriber. In the few cases where any liability is attributed to Us, this liability is limited by the terms of this Agreement.

2 Background

- 5. The Queensland Government Public Key Infrastructure Policy Authority has accredited CITEC to provide limited certification services to, or for the purposes of, Queensland Government agencies including entities recognised by Queensland Government.
- 6. All documents referred to in this Agreement are published and available in the Repository at http://T1C1.pki.qld.gov.au/T1C1/

3 Contact Details

 The contact details for the QGPKIPA are Department of Public Works Attn: QGPKIPA Chair c/- QGPKIPA Secretariat GPO Box 279 Brisbane QLD 4001, Australia qgpkipa@qld.gov.au

4 Agreement Formation

4.1 Parties to this Agreement

- 8. This Agreement is made between:
 - 1. The CAO; and
 - 2. The Relying Party.
- 9. Where both parties to this Agreement are separate agencies of the same legal entity then this Agreement shall be interpreted as a Memorandum Of Understanding.

4.2 Acceptance by an Agent

10. Where the person accepting the terms of this Agreement (Agent) does so on behalf of another entity (Principal), the Agent warrants that they have the requisite authority to do so. Where the Agent is in breach of this warranty they will be personally liable as a Relying Party under this Agreement.

4.3 Term of this Agreement

- 11. This agreement comes into effect upon acceptance by You. If You perform either of the following actions, it shall act as an acknowledgement and acceptance of this Relying Party Agreement:
 - 1. first use of a Certificate; or
 - 2. first download of the CA-certificate.
- 12. In relation to the use of a particular Certificate this Agreement terminates upon expiration or Revocation of that Certificate or upon Notice as set out in Section 8.

4.4 Changes to this Agreement

- 13. We may make changes to this Agreement, the Certificate Policy (CP), and the Certification Practice Statement (CPS) as specified in each of these documents. These changes will be broadcast through posting of a Notice on the Repository as set out in Section 8.
- 14. If You continue to use the Public Key or Certificate beyond the date on which the change is specified to take effect, the change will be deemed to have been accepted.
- 15. If You do not wish to accept a change, You must not use the Public Key or Certificate on or after the date on which the change is specified to take effect.

4.5 Governing Law

16. This Agreement is governed by, and is to be construed in accordance with, the laws from time to time in force in the State of Queensland. The parties agree to submit to the courts having jurisdiction in the State of Queensland.

4.6 Compliance with Applicable Law

17. You agree to abide by the provisions of all applicable Commonwealth, State, Territory, or Local Government laws that relate to the subject matter of this Agreement.

4.7 Survival of Terms

18. Sections of this Agreement that relate to Intellectual Property rights, safety, integrity, accuracy of information, confidentiality, right to information, privacy, insurance, warranty, liability, and indemnity will survive the expiration or termination (for whatever reason) of this Agreement.

4.8 Severability

19. If any part of this Agreement is void or voidable, then that part is severed from the Agreement but without affecting the continued operation of the remainder of the Agreement.

4.9 Waiver

20. A waiver in respect of a breach of a term of this Agreement shall not be taken as a waiver in respect of any other breach. The failure of any party to enforce a term of this Agreement shall not be interpreted as a waiver of that term.

5 Interpretation

5.1 Definitions

- 21. Subject to the definitions in Section 5.1 paragraph 22, unless the context requires otherwise, terms, expressions, and abbreviations used in this Agreement shall have the meaning given in the public document "Queensland Government Public Key Infrastructure Definitions and References", published under http://pki.qld.gov.au/
- 22. Within this Agreement, unless the context requires otherwise the following definitions shall apply.

Term	Definition
Agreement	This Relying Party Agreement along with any terms incorporated by reference
Agreement	within this document
Business Day	Any day other than a Saturday, Sunday, or public holiday (including public
Business Duy	service holidays) within Queensland
CA	see Certification Authority
CA-certificate	A Certificate for a CA
CAO	Certification Authority Owner
Certificate	An electronic document signed by the Certification Authority which:
	1. identifies either an individual, a device, or an authorised party; and
	 binds the Subject to a Key Pair by specifying the Public Key of that Key Pair
Certificate Policy (CP)	RFC3647 defines a Certificate Policy as "A named set of rules that indicates the applicability of a Certificate to a particular community and/or class of application with common security requirements".
Certificate Revocation List (CRL)	A signed, time stamped list of serial numbers of Certificates that have been revoked
Certificate Status	The state of a Certificate at any point in time, being:
	1. valid (not Revoked or Suspended or expired);
	2. Suspended;
	3. Revoked;
	4. expired; or
	5. Unknown
Certificate Status Services	1. The services available to determine Certificate Status
<i>Certification Authority (CA)</i>	2. An entity authorised to issue Certificates
Certification Practice	3. A statement of the practices that a CA employs in managing
Statement (CPS)	the Certificates it issues
СР	4. see Certificate Policy
CPS	5. see Certification Practice Statement
CRL	6. see Certificate Revocation List
Digital Signature	An electronic signature created using a Private Key
End Entity Certificate	7. A Certificate which is not a CA-certificate
Key	A string of characters used with a cryptographic algorithm to perform
мсу	cryptographic transformations
Key Pair	A pair of asymmetric cryptographic Keys consisting of a Public Key and a
	Private Key
keyUsage	An extension that defines the purpose of the Key contained in a Certificate
Notice	A communication from one party to another party as described in Section 8
OCSP	see Online Certificate Status Protocol

Term	Definition
Online Certificate Status Protocol (OCSP)	A protocol for providing Relying Parties with real-time Certificate Status
PA	Policy Authority
PKI	see Public Key Infrastructure
PKI Participant	A Certificate Applicant, Relying Party or Subscriber
Private Key	That Key of an entity's Key Pair which should only be used by that entity, and should not be disclosed to any other entity
Public Key	That Key of an entity's Key Pair which can be made public
Public Key Infrastructure (PKI)	The combination of hardware, software, people, policies, and procedures needed to create, manage, store and distribute Keys and Certificates based on public Key cryptography
QGPKI	Queensland Government Public Key Infrastructure
QGPKIPA	Queensland Government Public Key Infrastructure Policy Authority
RA	Registration Authority
Relying Party	 An individual or an organisation, which: 1. relies on the binding of the Public Key to the Distinguished Name of a Subject in a Certificate to the level of certification assurance stated in within that Certificate; or 2. distributes the Certificate of the Certification Authority as part of a PKI-aware application, or through any other means; or 3. distributes a PKI-aware application that accepts the Relying Party Agreement on the behalf of an end user of that application, or bypasses the requirement for such acceptance via some other mechanism
Relying Party Agreement	An agreement between the Certification Authority Owner and a Relying Party
Revocation	The process undertaken by the CA to invalidate a Certificate
Suspension	The process undertaken by the CA to reversibly invalidate a Certificate
User Credential	Shared secret, password, PIN, or other authentication information

5.2 Rules of Interpretation

- 23. The following rules of interpretation shall apply to this Agreement:
 - 1. headings are for convenience only and do not affect interpretation;
 - 2. a reference to:
 - legislation is a reference to that legislation as amended, re-enacted, or replaced, and includes any subordinate legislation issued under it;
 - a Section is a reference to all of its sub-sections;
 - a document or agreement is a reference to that document or agreement as amended, supplemented, replaced, or novated; and
 - a person includes bodies corporate, unincorporated associations, and partnerships;
 - 3. if this Agreement expressly or impliedly binds more than one person then it shall bind such persons jointly and severally;
 - 4. a singular word includes the plural, and vice versa;
 - 5. a word which suggests one gender includes the other gender; and
 - 6. if a word is defined, another part of speech of that word has a corresponding meaning.
- 24. Unless the context requires otherwise, any reference within this Agreement to Us, in relation to rights, obligations, acts, or omissions, shall include the entities to whom We have delegated a trusted role in accordance with the CP.

25. Unless the context requires otherwise, any reference within this Agreement to use of a Certificate does not include any use of a Certificate necessary to determine the status of that Certificate.

6 Relying Party Obligations

6.1 Effect of Digital Signatures with Keys and Certificates

- 26. You accept that use of a Certificate to verify a digitally signed a message is intended to have the same legal effect as verification of the same message on paper which has been signed using a manuscript signature.
- 27. You acknowledge that You may be bound to the legal effect of any transaction enabled through Your use of a Subscriber's Certificate to verify that Subscriber's digital signature.

6.2 Public Key and Certificate Usage

- 28. You shall use a Public Key and Certificate only for Permitted Uses as set out in Section 6.2.1 and in a manner consistent with the CP and applicable Certificate content (e.g., keyUsage extension).
- 29. Use of a Public Key and Certificate are subject to the terms of this Agreement.
- 30. You shall not use a Certificate that is Revoked or has expired.
- 31. You shall not use a Public Key when the associated Certificate is Revoked or has expired.
- 32. It is Your sole responsibility to determine the suitability of a Certificate for a given application.

6.2.1 Permitted Uses

- 33. The following are Permitted Uses under this Agreement:
 - 1. authentication of CA-certificates subordinate to this CA under the QGPKI.

and as varied by Notice given in accordance with Section 4.4.

6.2.2 Prohibited Uses

34. You shall not use a Certificate issued by the CA under the CP for any assurance of any Key, value, attribute, property, or characteristic, for purposes or in a manner not permitted under Section 6.2.1, the keyUsage extension of the Certificate, and the CP.

7 Certificate Life-cycle

7.1 Certificate Management

- 35. You acknowledge that under this Agreement the Certificate may be:
 - 1. Revoked,

in accordance with the procedures set out in the CP.

- 36. You acknowledge that under this Agreement the Certificate shall not be:
 - 1. Suspended;
 - 2. Renewed;
 - 3. Re-keyed; or

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4. Modified.

7.2 Certificate Revocation and Suspension

- 37. You acknowledge that Certificate Revocation may be requested by the Subscriber, Us, or the PA.
- 38. If the CA supports Certificate Suspension, You acknowledge that Certificate Suspension and reversal of Certificate Suspension can be requested by the Subscriber, Us, or the PA.
- 39. If the CA supports Certificate Suspension, You acknowledge that a Certificate Revocation Request may be fulfilled by the performance of a Suspension followed by a subsequent Revocation, at Our sole discretion.
- 40. If the CA supports Certificate Suspension, You acknowledge that the Certificate may be Suspended for a period of up to N/A prior to being Revoked or having the Suspension reversed.
- 41. If the CA supports Certificate Suspension, We shall provide Certificate Status including information regarding Certificate Suspension in accordance with Section 7.3.
- 42. It is Your sole responsibility to determine, via the Certificate Status Services, that the Status of a Certificate is appropriate prior to Your use of that Certificate.

7.2.1 Revocation Request Grace Period

- 43. The Revocation Request Grace Period is the maximum period between when the Subscriber suspects compromise or loss of control of the Private Key has occurred and when the Subscriber notifies Us.
- 44. You acknowledge that the Revocation Request Grace Period shall be no greater than one (1) Business Day.

7.2.2 Time to Process Revocation Request

45. You acknowledge that the total time elapsed from Revocation request to approval and execution thereof or rejection of the Revocation request shall be up to two (2) Business Days.

7.3 Certificate Status Services

46. We shall provide the following Certificate Status Services:

1. CRLs.

47. We shall make the Certificate Status Services available via:

1. HTTP.

48. If CRLs are made available by Us:

1. the location of the CRL shall be encoded in the appropriate Certificate extension;

- 2. a CRL shall be created every twelve (12) months or less;
- 3. a CRL shall be valid for at most thirteen (13) months from creation; and
- 4. a CRL shall be published within 24 hours of creation.

8 Individual Notices and Communications

49. A Repository for all PKI-related information issued by this CA shall be located at http://T1C1.pki.qld.gov.au/T1C1/

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- 50. For the purpose of this Section 8, a Notice includes a consent, information, Certificate application, request, or any other communication provided under or in connection with this Agreement.
- 51. A Notice to a party under this Agreement is only given or made if it is in writing and distributed in one of the following ways:
 - 1. delivered or posted to that party at its postal address as advised to the other party; or
 - 2. published on the Repository; or
 - 3. published via a Certificate Status Service.
- 52. A Notice shall be provided on the Repository when any of the following events occur:
 - 1. a new CP, CPS, Subscriber Agreement, or Relying Party Agreement is approved;
 - 2. there is a change or alteration to an existing CP, CPS, Subscriber Agreement, or Relying Party Agreement;
 - 3. there is a change to any fee or refund payable in connection with this Agreement; or
 - 4. for any other event which We deem appropriate.
- 53. If a party gives the other party three (3) Business Days notice of a change of its postal address, a Notice provided by postal delivery is only given or made by that other party if it is delivered or posted to the latest postal address.
- 54. A Notice is given or made as follows:
 - 1. if it is delivered, when it is left at the last recorded address of the party to whom it is addressed;
 - 2. if it sent by post entirely within Australia, three (3) Business Days after it is posted;
 - 3. if it is sent by post to or from a place outside Australia, seven (7) Business Days after it is posted;
 - 4. if it is published on the Repository, one (1) Business Day after it is published; or
 - 5. if it is published via a Certificate Status Service, one (1) Business Day after it is published.
- 55. Each party acknowledges that they are responsible for keeping themselves informed of any Notices issued in accordance with this Section 8.

9 Insurance Coverage

56. You acknowledge that We and Our associated entities do not provide any insurance coverage or warranty for Your benefit and it is Your sole responsibility to determine the appropriate insurance coverage in regard to any loss or damage that may be suffered as result of using a Certificate or Public Key.

10 Relying Party Information

10.1 Confidential Information

- 57. You acknowledge that in performing Our functions under this Agreement and the CP, We may receive Confidential Information from You.
- 58. Subject to Section 10.1 paragraph 59, Confidential Information means information that is not trivial and:

- 1. is by its nature confidential;
- 2. is communicated by You to Us as being confidential; and
- 3. We know or ought to know is confidential.
- 59. Notwithstanding Section Section 10.1 paragraph 58, Confidential Information does not include information which:
 - 1. was already lawfully disclosed by Us prior to Us being required to treat the information as confidential;
 - 2. is lawfully received from a third party who is not bound by a duty of confidentiality;
 - 3. has become public knowledge, other than through a breach of an obligation of confidence under this Agreement;
 - 4. was independently developed or released by Us without reference to the Confidential Information;
 - 5. is information relating to Your use of the Repository
- 60. Subject to Section 10.1 paragraph 61, We shall protect any Confidential Information provided by You in accordance with this Agreement and any applicable law, and shall not, without Your prior written approval (which approval shall not be withheld unreasonably), make public or disclose to any person, Your Confidential Information.
- 61. Nothing within this Section 10.1 shall be construed as preventing Us from disclosing any information provided by You:
 - 1. to any Minister or to Parliament in connection with the carrying out of any functions, duties, powers and discretions conferred on Us;
 - 2. to such legal advisors, financial advisers, auditors, or insurers of Us as may be necessary for any proceedings or investigation involving Us, or for the purposes of facilitating Our performance of Our functions under this Agreement and the CP; or
 - 3. to the extent required by law.

10.2 Right to Information and Disclosure

- 62. The *Right to Information Act 2009 (QLD)* (RTI Act) provides members of the public with a legally enforceable right to access documents held by Queensland Government agencies.
- 63. The RTI Act requires that documents be disclosed upon request, unless the documents are exempt, or on balance disclosure is contrary to the public interest.
- 64. Information relating to You is potentially subject to disclosure to third parties pursuant to the RTI Act and any such disclosure will not constitute a breach of any obligation to You under this Agreement.
- 65. If disclosure under the RTI Act, or general disclosure of information provided by You in connection with this Agreement, would be of substantial concern to You, because it would disclose trade secrets, information of commercial value, the purpose or results of research, or other information of a confidential nature, this should be indicated by You, however We cannot guarantee that any information provided by You will be protected from disclosure under the RTI Act.
- 66. Despite any other provisions of this Agreement, We are entitled to publish information related to Your use of the Repository.

10.3 Privacy of Personal Information

- 67. In this Section 10.3, "Personal Information" has the same meaning as in Section 12 of the *Information Privacy Act 2009 (QLD)* (Privacy Act).
- 68. You acknowledge that in performing Our functions under this Agreement and the CP We may receive Personal Information from You.
- 69. Notwithstanding any other provisions within this Section 10.3, the following information will not be treated as Personal Information by Us for the purposes of this Agreement:
 - 1. any information contained within a Certificate; and
 - 2. any information relating to Your use of the Repository.
- 70. We shall protect any Personal Information received from You in accordance with Our obligations under the Privacy Act, the terms of this Agreement, and any other applicable law.
- 71. You consent to the collection, use, storage, transfer, and disposal of information by Us in accordance with the CP.
- 72. Nothing within this Section 10.3 shall be construed as preventing Us from disclosing any Personal Information of Yours to the extent required by law.

11 Disclaimer of Implied Terms

- 73. We disclaim and exclude, to the maximum extent permissible by law, any terms or conditions implied by law relating to any loss or damage that may be suffered by You as a result of using a Certificate or Public Key.
- 74. Without limiting Section 11 paragraph 73, We disclaim and exclude, to the maximum extent permissible by law, all warranties, express or implied, including without limitation any warranty as to:
 - 1. the accuracy of any information contained in a Certificate; and
 - 2. the status of any Certificate or Key.

12 Intellectual Property Rights

12.1 Queensland Whole-of-Government Materials

- 75. QGPKI Materials include, but are not limited to:
 - 1. the CA's Certificate and associated Keys;
 - 2. the CP;
 - 3. the CPS;
 - 4. the contents of the CA's Repository;
 - 5. any other data or database created by the PA, CAO, or other party, for the purpose of the QGPKI;
 - 6. all Certificate applications and Terms and Conditions between the Queensland Government and the PKI Participants; and
 - 7. all other documents owned by Queensland Government for the purposes of the QGPKI.

- 76. The right and title to Intellectual Property Rights in QGPKI Materials, including any modifications or enhancements made to QGPKI Materials, shall subsist with the Queensland Government.
- 77. You shall ensure that QGPKI Materials are, to the extent that it is practicable, identified as the property of the Queensland Government and that QGPKI Materials remain at all times free of any lien, charge, or other encumbrance of a third party.
- 78. The Queensland Government grants to You a perpetual, revocable, royalty-free, nonexclusive, non-transferable licence to view and use (including downloading and printing) QGPKI Materials for the sole purpose of:
 - 1. participating in the QGPKI; or
 - 2. understanding Your rights and obligations under the QGPKI, including obtaining legal or other advice as necessary.

13 CAO Representations and Warranties

79. You acknowledge that We do not provide any specific representations or warranties as to the accuracy of the information contained in any Certificate issued by the CA under the CP.

14 Certification Authority Owner Liability

- 80. You agree to release Us from all liability in contract, or in tort, or pursuant to any other common law or statutory cause of action whatsoever arising under this Agreement or in connection with the CA, for any loss or damage whether or not reasonably foreseeable, including but not limited to liability for:
 - 1. an entity described in the CP carrying out, or failing to carry out, any activity described in, or contemplated by, any document published by Us relating to the CA; and
 - 2. the carrying out of, or failure to carry out, any activity related to the CA accreditation process.
- 81. If any term or condition implied by law is unable to be excluded by Us, then the liability of each of the RCA, Policy CAs, Intermediate CAs, Issuing CAs, RAs, and Us (and of any of their officers, employees, agents, and contractors) for any breach of the implied term or condition is limited, at Our option, to:
 - 1. re-performing the services to which the term or condition applies; or
 - 2. paying the cost of re-performing those services.

15 Indemnities

- 82. You agree to indemnify Us and Our officers, employees, agents, and contractors (including sub-contractors) ("those indemnified") from and against all actions, proceedings, claims, demands, costs (including all reasonable legal costs and all reasonable costs associated with defending those indemnified), losses, damages, and expenses, including those arising out of the terms of any settlement, which:
 - 1. may be brought against or made upon those indemnified; and
 - 2. those indemnified may incur on their own behalf or sustain as a result of a third party claim,

arising out of or as a consequence of:

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- 3. any breach of this Agreement by You; or
- 4. any wilful, unlawful, or negligent act or omission by You, or by any third party who is not bound by this Agreement and to whom You have distributed the CA-certificate or a PKI-aware application, relating in any way to the CA.

16 Distributors of QGPKI CA-certificates and PKI-aware Applications

- 83. A Relying Party that:
 - 1. distributes the Certificate of the CA as part of a PKI-aware application or through any other means; or
 - 2. distributes a PKI-aware application that accepts the Relying Party Agreement on the behalf of an end user of that application, or bypasses the requirement for such acceptance via some other mechanism,

shall notify all third parties to whom the PKI-aware application, or the CA-certificate, is distributed of the terms of the Relying Party Agreement and that by use of a Certificate issued by the CA, through running the PKI-aware application or through any other means, the third party will be deemed to have accepted the terms of this Agreement.