

Planning (Electronic Transmission) Rules

Table of Contents

1 Citation

2 Definitions

3 Electronic transmission of application, appeal, permission, etc.

4 Fees payable for electronic transmission

5 Operation manual

6 Requirements for electronic transmission

7 Digital signatures to be used for electronic transmission by subscribers

8 Digital signatures to be used for electronic transmission by competent authority

9 Declaration of owner's consent

10 Date of submission, grant or service

11 Application of other subsidiary legislation

FIRST SCHEDULE Appointed certification authority

SECOND SCHEDULE

Legislative History

PLANNING ACT
(CHAPTER 232, SECTION 61)

PLANNING (ELECTRONIC TRANSMISSION) RULES

R 4

G.N. No. S 251/1998

REVISED EDITION 2000

(31st January 2000)

[20th April 1998]

Citation

1. These Rules may be cited as the Planning (Electronic Transmission) Rules.

Definitions

2. In these Rules, unless the context otherwise requires —

“approved certification authority” means any person or organisation named in the First Schedule that issues a certificate;

“asymmetric cryptosystem” means a system capable of generating a secure key pair, consisting of a private key for creating digital signature, and a public key to verify the digital signature;

“certificate” means a record that at a minimum —

- (a) identifies the appointed certification authority issuing it;
- (b) names or identifies its subscriber;
- (c) contains the subscriber’s public key; and
- (d) is digitally signed by the appointed certification authority issuing it;

“correspond”, in relation to private or public keys, means to belong to the same key pair;

“digital signature” means an electronic signature consisting of a transformation of an electronic record using an asymmetric cryptosystem and a hash function such that a person having the initial untransformed electronic record and the signer’s public key can accurately determine —

- (a) whether the transformation was created using the private key that

corresponds to the signer's public key; and

- (b) whether the initial electronic record has been altered since the transformation was made;

“electronic record” means a record generated, communicated, received or stored by electronic, magnetic, optical, or other means of storage in an information system or for transmission from one information system to another;

“hash function” means an algorithm mapping or translating one sequence of bits into another, generally smaller, set (the hash result) such that —

- (a) a record yields the same hash result every time the algorithm is executed using the same record as input;
- (b) it is computationally infeasible that a record can be derived or reconstituted from the hash result produced by the algorithm; and
- (c) it is computationally infeasible that 2 records can be found that produce the same hash result using the algorithm;

“key pair”, in an asymmetric cryptosystem, means a private key and its mathematically related public key, having the property that the public key can verify a digital signature that the private key creates;

“operation manual” means an operation manual issued by the competent authority under rule 5;

“operational period of a certificate” begins on the date and time the certificate is issued by a certification authority (or on a later date and time if stated in the certificate), and ends on the date and time it expires as stated in the certificate or is earlier revoked or suspended;

“private key” means the key of a key pair used to create a digital signature;

“public key” means the key of a key pair used to verify a digital signature;

“signed” or “signature”, with its grammatical variations, includes any symbol executed or adopted, or any methodology or procedure employed or adopted, by a person with the intention of authenticating a record, including electronic or digital methods;

“subscriber” means a person who is the subject named or identified in a certificate issued to him by a certification authority and who holds a private key that corresponds to a public key listed in that certificate;

“subscriber's information system” means the information system specified by a subscriber to which electronic records may be transmitted by the competent

authority to the subscriber;

“verify a digital signature”, in relation to a given digital signature, record and public key, means to determine accurately —

- (a) that the digital signature was created using the private key corresponding to the public key listed in the certificate; and
- (b) the record has not been altered since its digital signature was created.

Electronic transmission of application, appeal, permission, etc.

3.—(1) The competent authority may —

- (a) allow the submission, service or the making of any application, appeal, notice, request or other document and information; or
- (b) give, grant, issue or serve any permission, approval, decision, notice, warrant, order or other document,

under the Act or any subsidiary legislation made thereunder in the form of an electronic record.

(2) The applications, appeals, notices, requests or other documents and information which may be submitted, served or made to or on the competent authority by any person in the form of electronic records in accordance with these Rules are set out in Part I of the Second Schedule.

(3) The permissions, approvals, decisions, notices, warrants, orders or other documents which may be given, granted, issued or served to or on any person by the competent authority in the form of electronic records in accordance with these Rules are set out in Part II of the Second Schedule.

Fees payable for electronic transmission

4. The fees prescribed in the Planning (Fees) Rules (R7) for the time being in force shall apply to any application, appeal, request or other document that may be submitted, served or made to or on the competent authority by any person in the form of an electronic record.

Operation manual

5. The competent authority may issue an operation manual for the transmission of electronic records under these Rules.

Requirements for electronic transmission