

§ 1311.145

“By completing the two-factor authentication protocol at this time, you are legally signing the prescription(s) and authorizing the transmission of the above information to the pharmacy for dispensing. The two-factor authentication protocol may only be completed by the practitioner whose name and DEA registration number appear above.”

(4) While the prescription information required in §1311.120(b)(9) and the statement required by paragraph (a)(3) of this section remain displayed, the practitioner must be prompted to complete the two-factor authentication protocol.

(5) The completion by the practitioner of the two-factor authentication protocol in the manner provided in paragraph (a)(4) of this section will constitute the signing of the prescription by the practitioner for purposes of §1306.05(a) and (e) of this chapter.

(6) Except as provided under §1311.145, the practitioner's completion of the two-factor authentication protocol must cause the application to digitally sign and electronically archive the information required under part 1306 of this chapter.

(b) The electronic prescription application must clearly label as the signing function the function that prompts the practitioner to execute the two-factor authentication protocol using his credential.

(c) Any prescription not signed in the manner required by this section shall not be transmitted.

§ 1311.145 Digitally signing the prescription with the individual practitioner's private key.

(a) An individual practitioner who has obtained a digital certificate as provided in §1311.105 may digitally sign a controlled substance prescription using the private key associated with his digital certificate.

(b) The electronic prescription application must require the individual practitioner to complete a two-factor authentication protocol as specified in §1311.140(a)(4) to use his private key.

(c) The electronic prescription application must digitally sign at least all information required under part 1306 of this chapter.

21 CFR Ch. II (4–1–13 Edition)

(d) The electronic prescription application must electronically archive the digitally signed record.

(e) A prescription that is digitally signed with a practitioner's private key may be transmitted to a pharmacy without the digital signature.

(f) If the electronic prescription is transmitted without the digital signature, the electronic prescription application must check the certificate revocation list of the certification authority that issued the practitioner's digital certificate. If the digital certificate is not valid, the electronic prescription application must not transmit the prescription. The certificate revocation list may be cached until the certification authority issues a new certificate revocation list.

(g) When the individual practitioner digitally signs a controlled substance prescription with the private key associated with his own digital certificate obtained as provided under §1311.105, the electronic prescription application is not required to digitally sign the prescription using the application's private key.

§ 1311.150 Additional requirements for internal application audits.

(a) The application provider must establish and implement a list of auditable events. Auditable events must, at a minimum, include the following:

(1) Attempted unauthorized access to the electronic prescription application, or successful unauthorized access where the determination of such is feasible.

(2) Attempted unauthorized modification or destruction of any information or records required by this part, or successful unauthorized modification or destruction of any information or records required by this part where the determination of such is feasible.

(3) Interference with application operations of the prescription application.

(4) Any setting of or change to logical access controls related to the issuance of controlled substance prescriptions.

(5) Attempted or successful interference with audit trail functions.