

§170.315(d)(7) End-user device encryption

2015 Edition Test Procedure

Version 1.1 Updated on 09-21-2017

Revision History

Version #	Description of Change	Version Date
1.0	Final Test Procedure	01-08-2016
1.1	As of September 21, 2017, Test Procedure has been moved to Attestation/Developer self-declaration only.	09-21-2017

Regulation Text

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§170.315 (d)(7) *End-user device encryption*—

The requirements specified in one of the following paragraphs (that is, paragraphs (d)(7)(i) and (d)(7)(ii) of this section) must be met to satisfy this certification criterion.

(i) Technology that is designed to locally store electronic health information on end-user devices must encrypt the electronic health information stored on such devices after use of the technology on those devices stops.

(A) Electronic health information that is stored must be encrypted in accordance with the standard specified in §170.210(a)(2).

(B) *Default setting.* Technology must be set by default to perform this capability and, unless this configuration cannot be disabled by any user, the ability to change the configuration must be restricted to a limited set of identified users.

(ii) Technology is designed to prevent electronic health information from being locally stored on end-user devices after use of the technology on those devices stops.

Standard(s) Referenced

Paragraph (d)(7)(i)(A)

§ 170.210(a)(2) *General.* Any encryption algorithm identified by the National Institute of Standards and Technology (NIST) as an approved security function in [Annex A of the Federal Information Processing Standards \(FIPS\) Publication 140-2, Security Requirements for Cryptographic Modules, October 8, 2014](#)

Testing components

Gap Eligible

Self-Declaration: As of September 21, 2017, the testing approach for this criterion is satisfied by self-declaration.

The archived version of the Test Procedure is attached below for reference.

System Under Test	Test Lab Verification
The health IT developer submits their self-declaration to the ONC-ATL.	The Tester verifies the self-declaration document contains all of the required data elements.

Archived Version:

 [§170.315\(d\)\(7\) Test Procedure](#)

Content last reviewed on September 24, 2018