Correction Number CP-2193

Log Summary: Add Encapsulated Document to de-identification profile

Name of Standard

PS3.15

Rationale for Correction:

The Encapsulated Document Attribute may contain identifying information and needs to be explicitly addressed, whether the Attribute occurs in IODs defined for encapsulated document storage, or in Standard Extended SOP Classes.

Specify that the Encapsulated Document Attribute is to be removed unless the Clean Graphics Option is implemented, and amend the description of the option accordingly.

Correction Wording:
Amend PS3.15 as follows, according to this pattern:

E.1 Application Level Confidentiality Profiles

E.1.1 De-identifier

Table E.1-1. Application Level Confidentiality Profile Attributes

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<tbody>
<tr>
<td>Encapsulated Document</td>
<td>(0042,0011)</td>
<td>N</td>
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E.3 Basic Application Level Confidentiality Options

Various Options are defined to be applicable to the Basic Application Level Confidentiality Profile. Some of these Options require removal of additional information, and some of these Options require retention of information that would otherwise be removed.

The following Options are defined that require removal of additional information:

- Clean Pixel Data Option
- Clean Recognizable Visual Features Option
- Clean Graphics Option
- Clean Structured Content Option
- Clean Descriptors Option

The following Options are defined that require retention of information that would otherwise be removed but that is needed for specific uses:

- Retain Longitudinal Temporal Information with Full Dates Option
- Retain Longitudinal Temporal Information with Modified Dates Option
- Retain Patient Characteristics Option
- Retain Device Identity Option
- Retain Institution Identity Option
- Retain UIDs
- Retain Safe Private Option

E.3.3 Clean Graphics Option

Instances of various Standard and Standard Extended SOP Classes, including Images, Presentation States, Encapsulated Documents and other Composite SOP Instances, may contain identification information encoded as graphics, text annotations, encapsulated documents or overlays. This does not include information contained in Structured Report SOP Classes.

When this Option is specified in addition to an Application Level Confidentiality Profile, any information encoded in graphics, text annotations, encapsulated documents or overlays corresponding to the Attribute information specified to be removed by the Profile and any other Options specified shall also be removed, as described in Table E.1-1.
This may require intervention of a human operator.

Note

1. This capability is called out as a specific Option, since it may be more practical to simply remove all such graphics, text annotations, encapsulated documents or overlays (as required by the Profile without this Option).

2. As with burned-in pixel data annotation, deciding whether or not text is identifying information or some other type of information may be non-trivial. It is not required that information specified to be retained in the non-pixel data by other Options (e.g., physical characteristics, dates or descriptors) also be retained in graphics, text annotations or overlays.