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Submission Date	2015/01/12

Correction Number CP-1450
Log Summary: Correct media application profile description with respect to compression
Name of Standard PS3.11 2016a
Rationale for Correction: Annex H, J and M incorrectly specifies a "compression" requirement for a "receiver" in the description, which is a contradiction in terms. Presumably the intent was to convey that "receivers" need to support decompression of all compressed Transfer Syntaxes. This is redundant with the normative FSR descriptive (which is common to all such profiles). Amend the offending text to be correct, as well as be descriptive rather than normative.
Correction Wording:

*Amend DICOM PS3.11 as follows (changes to existing text are bold and **underlined** for additions and ~~**struckthrough**~~ for removals):*

H.1 Profile Identification

This Annex defines an Application Profile Class potentially inclusive of all defined Media Storage SOP Classes. This class is intended to be used for the interchange of Composite SOP Instances via DVD media for general purpose applications. Objects from multiple modalities may be included on the same media. Images may be compressed with or without loss using either JPEG or JPEG 2000; all **File Set R**~~**r**~~eaders ~~**shall**~~**are required to** support **de**compression **of all of the compressed Transfer Syntaxes defined for each Profile**.

J.1 Profile Identification

This Annex defines an Application Profile Class potentially inclusive of all defined Media Storage SOP Classes. This class is intended to be used for the interchange of Composite SOP Instances via USB, CF, MMC or SD media for general-purpose applications. Objects from multiple modalities may be included on the same media. Images may be compressed with or without loss using either JPEG or JPEG 2000; all **File Set R**~~**r**~~eaders ~~**shall**~~**are required to** support **de**compression **of all of the compressed Transfer Syntaxes defined for each Profile**.

M.1 Profile Identification

This Annex defines an Application Profile Class potentially inclusive of all defined Media Storage SOP Classes. This class is intended to be used for the interchange of Composite SOP Instances via BD media for general-purpose applications. Objects from multiple modalities may be included on the same media. Images may be compressed with or without loss using either JPEG or JPEG 2000. And multi-frame images and video may be compressed with MPEG2 Main Profile / Main Level or MPEG2 Main Profile / High Level or MPEG-4 AVC/H.264 High Profile / Level 4.1 or MPEG-4 AVC/H.264 BD-compatible High Profile / Level 4.1**; all File Set Readers are required to support decompression of all of the compressed Transfer Syntaxes defined for each Profile**.

For reference, existing text describing FSR requirements for one of the affected profiles, unchanged:

M.2.1.2 File Set Reader

The role of File Set Reader shall be used by Application Entities that receive a transferred File Set under the Image Interchange Class of Application Profiles. Typical entities using this role would include image generating systems, display workstations, and archive systems that receive a patient record; e.g., transferred from another institution.

File Set Readers shall be able to read the DICOMDIR directory file and all the SOP Instance files defined for this Application Profile, for which a Conformance Statement is made, using all the defined Transfer Syntaxes for the Profile.

Note

All Transfer Syntaxes defined in the profile must be supported by the FSR. It is not permissible to only support one or other of the uncompressed or the compressed Transfer Syntaxes.