

DICOM Correction Proposal

STATUS	Letter Ballot
Date of Last Update	2017/01/24
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Correction Number	CP-1638
Log Summary:	Unifying Code Values in Audit Messages
Name of Standard	PS3.15
Rationale for Correction:	<p>Between the Trial Use Draft and Final Text versions of DICOM Supplement 95, the DICOM audit message schema representation in PS 3.15 was changed from an XSD schema to a RELAX NG schema. The content of the schema was changed during that conversion, changing the attribute for encoding code values from "code" to "csd-code" .</p> <p>DICOM Correction Proposal 1362, Correct AuditSourceIdentification in DICOM audit message, still defines attribute "code", not "csd-code", to encode the code value of the AuditSourceType, so the inconsistency still exists. Because IHE ITI ATNA already followed the change from "code" to "csd-code", it seems more acceptable for implementers, to also rename the attribute of the AuditSourceType element from "code" to "csd-code" instead of reverting the change from "code" to "csd-code" introduced by the Final Text versions of DICOM Supplement 95.</p>
Correction Wording:	

Modify PS 3.15 to correct the RELAX NG schema:

A.5.1 DICOM Audit Message Schema

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Define AuditSourceTypeCodeContent so that an isolated single digit value is acceptable, or a token with other csd attributes so that any controlled terminology can also be used.

AuditSourceTypeCodeContent =

attribute **csd-code** {

"1" | ## End-user display device, diagnostic device

"2" | ## Data acquisition device or instrument

"3" | ## Web Server process or thread

"4" | ## Application Server process or thread

"5" | ## Database Server process or thread

"6" | ## Security server, e.g., a domain controller

"7" | ## ISO level 1-3 network component

"8" | ## ISO level 4-6 operating software

"9" | ## other

token }, ## other values are allowed if a codeSystemName is present

other-csd-attributes? ## If these are present, they define the meaning of code