

Paper for Consideration by S100TSM9

S100_SupportFileDiscoveryMetadata attributes revisionStatus vs editionNumber

Submitted by:	PRIMAR
Executive Summary:	A clarifying description of the attributes revisionStatus and editionNumber is needed.
Related Documents:	S-100 5.0.0 Part 17 S-100WG7-04.4 (S100_SupportFileRevisionStatus clarification)
Related Projects:	

Introduction / Background

As described in the S100WG7 paper referenced above, there seems to be 2 mechanisms existing for indicating the versioning and status of support files - this being the attributes revisionStatus and editionNumber:

Attribute	revisionStatus	The purpose for which the support file has been issued	1	S100_SupportFileRevisionStatus	For example new, replacement, etc
Attribute	editionNumber	The Edition number of the support file	1	Integer	When a data set is initially created, the Edition number 1 is assigned to it. The Edition number is increased by 1 at each new Edition. Edition number remains the same for a re-issue

A clarification of how these mandatory fields shall be encoded and how the information should be treated in the end user systems is needed.

Analysis/Discussion

The following action was agreed upon at the S-100WG7 meeting:

4.4	Support File Revision Status	S-100WG noted the proposal. [Action 7/24] S-164 Sub-Group to consider the proposal and discuss it at the next TSM meeting. The outcome to be reported at the next S-100WG meeting.	TSM9/S-100WG8
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Hopefully this will be clarified in the creation of S-164 test datasets - and whichever intended encoding and use is decided upon, **it must be reflected and explained in S-100 part 17.**

It is important to realize that a solution on the topic is important to ensure currently ongoing implementations of S-100 for service provision become as robust as possible.

The ongoing work in the S-164 subgroup will hopefully provide clarification on the topic - however the intention of this paper to TSM9 is to highlight the need for clear guidance on the topic in S-100 Part 17.

Conclusions

- Clear guidance on the intended encoding of the attributes revisionStatus and editionNumber must be added to S-100 Part 17.

Action Required of S100TSM9

The S100TSM is invited to:

Note the paper and discuss proposed changes.