3GPP TSG SA WG5 Meeting 135-e Tdoc S5-212085rev4

electronic meeting, online, 25 January - 3 February 2021

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  |  | **CR** |  | **rev** |  | **Current version:** |  |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

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| ***Title:*** | Rel-17 CR 28.537 Add management data management requirements (pictures and video) | | | | | | | | | |
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| ***Source to WG:*** | Nokia, Nokia Shanghai Bell, Deutsche Telekom | | | | | | | | | |
| ***Source to TSG:*** | SA5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MADCOL | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***Release:*** | | |  |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
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| ***Reason for change:*** | | Management data management requirements are missing. | | | | | | | | |
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| ***Summary of change:*** | | Management data management requirements and procedures are added. | | | | | | | | |
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| ***Consequences if not approved:*** | | Management data management requirements are missing. | | | | | | | | |
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| ***Clauses affected:*** | | X (New) | | | | | | | | |
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|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
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| ***Other comments:*** | | **Input to DraftCR to 28.537 related to the WI MADCOL** | | | | | | | | |
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| ***This CR's revision history:*** | |  | | | | | | | | |

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| **First modification** |

# X Management data management

[…]

## X.4 Managing external management data

### X.4.1 Description

Management data which is specified by 3GPP (clause X.1.1) can be enriched by additional data not specified by 3GPP. This so-called external management data can be produced by data sources of different nature (e.g. sensors) with different formats.

External management data can be used for example as additional input for network optimization and prediction.

The management system should be able to manage this kind of data. That means data consumers should be able to request external management data to be produced and reported. The management system should provide support for storing it.

The definition of external data sources and the data formats they use is out of scope of this specification.

The target is to define generic management mechanisms that can cope with any kind of external data sources and data formats.

### X.4.2 Requirements

REQ-MDMED-CON-1: The 3GPP management system shall enable an authorized data consumer to request external management data to be produced.

REQ-MDMED-CON-2: The 3GPP management system shall enable an authorized data consumer to request external management data to be reported to the requesting or another authorized data consumer.

REQ-MDMED-CON-3: The 3GPP management system shall support the storing of produced external management data.

REQ-MDMED-CON-4: The 3GPP management system shall enable an authorized data consumer to discover stored external management data.

REQ-MDMED-CON-5: The 3GPP management system shall enable an authorized data consumer to retrieve stored external management data.

Note: The term "external management data" relates to data not specified by 3GPP.

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| **End of modifications** |