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| **CHANGE REQUEST** |
|  | ETSI TS 103 097 | **Version** | 1.3.1 | **CR** | *8* | **rev** | - |  |
|  |
| **CR Title** | Move newly defined TS103097 data types from TS 102 941 to TS 103 097 |
|  |  |
| **Original Source** | ITS WG5 |
|  |  |
| **Work Item Ref** | RTS/ITS-00557 | **Submission date** | 16.6.2020 |
| **Approving TB**  | ITS | **Approval date** | 01.07.2020 |
| **Category:** | **F** | **Release** | 1 |  |
|  | Use **one** of the following categories:**F** (correction)**A** (correction in an earlier release)**B** (addition of feature) **C** (functional modification of feature)**D** (editorial modification) |  |
|  |  |
| **Reason for change** | In the revision of TS 102 941 to its V1.3.1 three data types were defined that in reality belong to TS 103 097 and should me moved  |
|  |  |
| **Consequence if not approved** | Unclean design of ASN.1 code. Possible duplication of ASN1. Types in future. |
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| **Summary of change** | Delete the following data types from TS 102 941 V1.3.1 and insert them into the module of TS 103 097 V1.4.1:EtsiTs103097Data-Unsecured EtsiTs103097Data-Encrypted-UnicastEtsiTs103097Data-SignedAndEncrypted-Unicast |
|  |  |
| **Clauses affected** | 5.1 and A.1 |
|  |  |
| **Linked Change Requests** | - |  |
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|  |  |
| **Other comments** |  |
|  |  |

# 5.1 EtsiTs103097Data

***Apply the following changes(underlined):***

The following corresponding profiles of the type EtsiTs103097Data are defined in annex A:

* The parameterized type EtsiTs103097Data-Unsecured using the Ieee1609Dot2Data option unsecuredData.
* The parameterized type EtsiTs103097Data-Signed using the Ieee1609Dot2Data option signedData containing the data structure in the component tbsData.payload.data.
* The parameterized type EtsiTs103097Data-SignedExternalPayload using the Ieee1609Dot2Data option signedData containing the digest of the data structure in the component tbsData.payload.extDataHash.
* The parameterized type EtsiTs103097Data-Encrypted, using the Ieee1609Dot2Data option encryptedData containing the encrypted data structure in the component ciphertext.aes128ccm.ccmCiphertext.
* The parameterized type EtsiTs103097Data- SignedAndEncrypted, using the parameterized type EtsiTs103097Data-Encrypted, containing an encrypted EtsiTs103097Data-Signed.
* The parameterized type EtsiTs103097Data-Encrypted-Unicast using the parameterized type EtsiTs103097Data-Encrypted further constraint to have one entry in the component recipients.
* The parameterized type EtsiTs103097Data-SignedAndEncrypted-Unicast using the parameterized type EtsiTs103097Data-Encrypted containing an encrypted EtsiTs103097Data-Signed and further constraint to have one entry in the component recipients.

# A.1 ETSI TS 103 097 ASN.1 Module

***Provide a link to the module on ETSI Forge***

***Insert the following data types into the module identified by the OID:*** *{ itu-t(0) identified-organization(4) etsi(0) itsDomain(5) wg5(5) ts(103097) v2(1) }*

EtsiTs103097Data-Unsecured {ToBeSentDataContent} ::= EtsiTs103097Data (WITH COMPONENTS {...,

 content (WITH COMPONENTS {

 unsecuredData (CONTAINING ToBeSentDataContent)

 })

})

EtsiTs103097Data-Encrypted-Unicast {ToBeEncryptedDataContent} ::= EtsiTs103097Data-Encrypted { EtsiTs103097Data-Unsecured{ToBeEncryptedDataContent}} (WITH COMPONENTS {...,

 content (WITH COMPONENTS {

 encryptedData (WITH COMPONENTS {...,

 recipients (SIZE(1))

 })

 })

})

EtsiTs103097Data-SignedAndEncrypted-Unicast {ToBesignedAndEncryptedDataContent} ::= EtsiTs103097Data-Encrypted {EtsiTs103097Data-Signed {ToBesignedAndEncryptedDataContent}} (WITH COMPONENTS {...,

 content (WITH COMPONENTS {

 encryptedData (WITH COMPONENTS {...,

 recipients (SIZE(1))

 })

 })

})