Test description

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| **Test ID** | MIP4SLT3IS\_6307 |
| **Test Title** | Organisations and Units multiple GeometricDefinition updates. |
| **Execution Priority** | 1 |
| **Objective** | BSO validation. Test whether the Producer/Provider is able to update the GeometricDefinition for a created Unit multiple times and the Consumers/Receivers are able to understand (and display) it correctly. |
| **Scenario** | The Producer creates a Unit with a GeometricDefinition.  The Consumers receive the information and interpret it correctly.  The Producer updates multiple times the GeometricDefinition for the Unit.  The Consumers receive the information and interpret it correctly. |
| **Environment** | Internet or Co-located. Exchange Pattern: R/R, P/S. |
| **Participation** | 2 or more. |
| **MTRS** | Applicable |
| **Pre-test Conditions** | The Producer/Provider has created a topic which includes message elements belonging to the Organisations and Units message schema areas.  The Consumers have subscribed to this topic. |
| **Test Inputs** | N/A. |
| **Conclusion** | This test is considered a success if the GeometricDefinition updates are processed and interpreted correctly on all Nations’ C2IS. |
| **Test Outputs** | N/A. |
| **Traceability** | REQ\_INF\_0002, REQ\_INF\_0003. |

Test Procedure

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| --- | --- | --- | --- | --- |
| Step | Action | Expected Result | Src | Dst |
|  | The Producer (A) creates a Unit with name ***XXX\_UNIT\_6307*** with a GeometricDefinition  **Notices:**  XXX in name of the object is meant (in principle) to be replaced by the 3 letter code of the country name.  Example for the name of the Organisation: ITA\_ UNIT\_6307. ~~ | Consumers (B) receive and display the Unit correctly. ~~ | 1 | 2 |
|  | The Producer (A) updates the GeometricDefinition of the Unit multiple times. ~~ | Consumers (B) receive and display the Unit correctly. ~~ | 1 | 2 |

**Configuration**

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| --- | --- | --- |
| Item | Value | Comment |
| EventGeneration | 1 | 0 🡪 Combine steps to one event in the MTMT, generate new MTMT events on every source - destination change. 1 🡪 Every step will be added to the MTMT as a separate event. |