Test description

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| **Test ID** | MIP4SLT3IS\_5918 |
| **Test Title** | Link IED explosion Event to IED discovery Event. |
| **Execution Priority** | 1 |
| **Objective** | BSO validation. Test whether the Producer/Provider is able to create new IED explosion Event linking it to an existing IED discovery Event and the Consumers/Receivers are able to understand (and display) it correctly. |
| **Scenario** | The Producer creates an IED discovery Event with specific activity information.  The Consumers receive the information and interpret it correctly.  The Producer creates an IED explosion Event which is linked to the previously created IED discovery Event.  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 Event message schema area.  The Consumers have subscribed to this topic. |
| **Test Inputs** | N/A. |
| **Conclusion** | This test is considered a success once a newly created IED discovery Event is exchanged, followed by a newly created IED explosion which is “linked” to the IED Discovery and all the information is processed and interpreted correctly on all Nations’ C2IS. |
| **Test Outputs** | N/A. |
| **Traceability** | REQ\_INF\_0002 |

Test Procedure

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| --- | --- | --- | --- | --- |
| Step | Action | Expected Result | Src | Dst |
|  | The Producer (1) creates an IEDEvent with name ***XXX\_IEDD\_918*** and with the following activity information:   * IncidentCode = 'IEDDiscovery' * 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 IEDEvent: ESP\_ IEDD\_918. ~~ | Consumers (2) receive and display the IEDEvent correctly. ~~ | 1 | 2 |
|  | The Producer (1) creates an IEDEvent with name ***XXX\_IEDE\_918*** and with the following activity information:   * IncidentCode = 'IEDExplosion' * GeometricDefinition same as for ESP\_ IEDD\_918 * CommentText = ‘linked to ESP\_ IEDD\_918’   **Notices:**  Example for the name of the IEDEvent: ESP\_ IEDE\_918.  Source Element (originator of the information) must remain the same as for IED Discovery ~~ | Consumers (2) receive and display the IEDEvent correctly. ~~ | 1 | 2 |

**Configuration**

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