Test description

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| **Test ID** | MIP4SLT3IS\_5217 |
| **Test Title** | Create and update Holdings as ControlFeatures. |
| **Execution Priority** | 1 |
| **Objective** | BSO validation.To verify basic functionality regarding *Holdings (not yet clear what a ‘Holding’ within MIP4 will be, see remarks on MIP4-IES Test Case Directory)*: test adding and updating Persons, Equipment and Consumable Materiel Holdings. |
| **Scenario** | Two nations are exchanging information between their C2ISs. Nation A will add Holding information to an Organisation and send it to Nation B. Nation A will then update the Holding information, and send the updated information to Nation B. |
| **Environment** | Internet or Co-located. Exchange Pattern: R/R, P/S. |
| **Participation** | 2 |
| **MTRS** | Applicable |
| **Pre-test Conditions** | Nation B has a subscription to Nation A’s ‘Forces’ topic. A friend Organisation has been created by Nation A in the ‘Forces’ topic. |
| **Test Inputs** | N/A. |
| **Conclusion** | Holding information created by Nation A is received by Nation B. Updates to existing Holding information made by Nation A are received by Nation B. Holding information is shared correctly by the C2ISs of both nations. |
| **Test Outputs** | N/A. |
| **Traceability** | REQ\_INF\_0002. |

Test Procedure

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| Step | Action | Expected Result | Src | Dst |
|  | Nation A creates three types of Holdings (just a raw ‘ControlFeature’ message element with associations to the Persons, Equipment and Materiel it contains?) for an existing Organisation (How can this figures be specified?):   * Person Holding (e.g. 30 with an officer RankCode) * Equipment Holding (e.g. 50 PowerTransmissionLines) * Consumable Materiel Holding (e.g. 100 with ClassV (Ammunition) MaterielSupplyClassCode) ~~ | Holding information is added to the organisation in Nation A’s C2IS.  Nation B receives Holding information. The Holding information for the Organisation is the same in the C2ISs of both nations. ~~ | 1 | 2 |
|  | Nation A updates the Holding information created in Step 1:   * Number of officers changed to 28 * Number of PowerTransmissionLines changed to 75 * Number of ClassV changed to 0. ~~ | Holding information is updated in the C2IS of Nation A. Nation B receives and applies the updated information. The Holding information for the Organisation is the same in the C2IS of both nations. ~~ | 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. |