**Business Process Reengineering (BPR) and Standard Line of Accounting (SLOA) Template Instructions**

The template is based on the DoDAAF SV-6 (C1 from the Initial SLOA Implementation Plan Template, see below) and best of breed implementation. The definitions for each column are listed in the next section. If the system’s program management office already has an up-to-date SV-6, then this template **does not** need to be used. The Component will only need to append the current SV-6 with Business Process Reengineering (BPR) and Standard Line of Accounting (SLOA) section (Columns AK through AS) and supply the requested information. If it is not available, not all information needs to be filled out. However, the columns in blue with yellow text must be filled out for each data exchange. They are considered critical to this effort. There may be certain cases where the implementation of this requirement is not feasible without a business process change. This should be identified in Column AR with an explanation provided in column AS.

**SV-6 System Data Exchanges Column Descriptions**

| **Description of SV-6 Columns** |
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| **Column** | **DoDAF Name** | **Element Definition** | **Business Rule Comment** |
| RICE Object Number | N/A | The unique number used by the system to identify the object. |  |
| Release | N/A | The system release during which the interface was deployed. |  |
| Caveat | N/A | Footnote number to reference comments at the bottom of the spreadsheet. |  |
| Interface Identifier |  | Identifies the interface. | There are several inbound/outbound system data exchanges per interface. |
| System InterfaceName | System Interface Name | Name of the SV-1 System Interface to which this System Data Exchange is mapped. | DoDAF requires each SV-6 be mapped to an SV-1 System Interface |
| System Data Exchange Identifier | System Data Exchange Identifier | Identifier of system data exchange identifier.  | Must be a unique number. If a transaction is deleted, the number cannot be reused on another transaction.  |
| System Data Exchange Name | System Data Exchange Name | The system data that is carried by the exchange | Name should be recognizable name of a file or transaction, preferably that used in the ICA. |
| Content | Content | Name of system data element | e.g. Planning Data, Order Fulfillment Data, Inventory Management Data, or Procurement Data |
| Format Type | Format Type | Application level format (e.g. XML/DTD, EDI, ASCII Text) with parameters and options used or other relevant protocol | Generally acceptable values are ASCII, EDI, XML, XML EDI, Fixed Format, PDF, Oracle DB, Flat File. |
| Media Type | Media Type | Type of media | "Electronic" or "Electronic and Tape" |
| Accuracy | Accuracy | Description of the degree to which the system data conforms to actual fact as required by the system of system function |  |
| Data Standard | N/A | The data standard(s) upon which the exchange is designed | e.g. SFIS, PDS, RPIR, etc. |
| Sending System Owner | N/A | The identity of the organization responsible for the Sending System. |  |
| Sending System | Sending System Name | The identity of the system producing the system data |  |
| Sending System Function | Sending System Function Name | The identity of the system function producing the system data |  |
| Receiving System Owner | N/A | The identity of the organization responsible for the Receiving System |  |
| Receiving System | Receiving System Name | The identity of the system consuming the system data. |  |
| Receiving System Function | Receiving System Function Name | The identity of the system function receiving the system data |  |
| Transfer Protocol | Data Standard | Defines the data transport protocol (FTP, HTTP, MQ, or SSH) used by the interface. | Generally acceptable values are FTP, SFTP, HTTPS/SOAP, MQ, HTTP, JDBC, or N/A |
| Master vs. Transactional | N/A | Indicates whether the data is master data or simply transactional data. | Acceptable values are Master or Transactional. |
| Transaction Type | Transaction Type | Descriptive field that identifies the type of exchange | Identifies interface attributes such as Inbound or Outbound; via Batch files or individual Transactions; Middleware interface pattern; file or message; Push/Pull |
| Triggering Event | Triggering Event | Brief textual description of the event(s) that triggers the system data exchange | The description documents what caused the event to be scheduled. |
| Criticality | Criticality | The criticality assessment of the information being exchanged in relationship to the mission being performed. In other words, is it essential that this data be exchanged or can the system effectively operate without it? | All attributes may not be "Mission Essential". The process to determine criticality will be based on the amount of time an interface could be down before it became critical to the system as a whole. Each spreadsheet line item has to be assessed. For purposes of this spreadsheet, "Mission Essential" means that fleet readiness or combat force missions could be functionally jeopardized if the transaction is not processed in the defined periodicity. Or that the system cannot continue to technically operate without the presence of the information. “Non-Critical” means the system can continue to operate with a workaround until the interface is operational. |
| Periodicity | Periodicity | Frequency of system data exchange transmission - may be expressed in terms of worst case or average frequency | A time related definitive value (such as daily, weekly, monthly, yearly, etc.) that the data exchange can be expected to occur between two systems. "As required" is also an acceptable attribute to denote that the frequency is not regularly scheduled and the event occurs on an as needed basis. If the data exchange can appear to be as required and constantly reoccurring, "Near Real Time" is an acceptable value. Of note, the near real time value of periodicity has a distinct definition from the same term found in timeliness. This attribute does not directly relate to Timeliness. The term "scheduled" is not an acceptable attribute for this column. Acceptable values: Hourly, Daily, Weekly, Monthly, Yearly, or Near Real Time. More specific is preferred. |
| Target or Legacy | N/A | Identifies whether the data exchange is planned to be part of the Target environment for the foreseeable future. |  |
| Maintain or Subsume | N/A | Identifies whether the responsible Component plans to Maintain or Subsume the data exchange  |  |
| Currently carries an LOA (Yes or No) | N/A | Identifies whether the data exchange currently carries an LOA |  |
| SLOA Applicable (Yes or No) | N/A | Identifies whether the Component plans to implement the SLOA for identified data exchange |  |
| Type of G/L posting the data exchange results in (i.e. Commitment) | N/A | Identifies the type of general posting the data exchange results in.  | This may be any type of general ledger posting, if any.  |
| Between the Time of Commitment and the Time of Disbursement (Yes or No) | N/A | Identifies whether the data exchange is between the time of commitment and the time of disbursement.  | The data exchange does not necessarily have to lead to a general ledger posting. It may be a data exchange that sends commitment data to a business warehouse or business intelligence system. |
| Date, Subsumption or SLOA Implementation | N/A | The planned date the Component plans to subsume the interface or the data the Component plans to implement the SLOA. |  |
| Notes or Explanation | N/A | Any additional information, as needed.  |  |
| Timeliness | Timeliness | How much delay this system data can tolerate and still be relevant to the receiving system. | Timeliness and Periodicity (Frequency) are independent of each other. "Near Real Time" is an acceptable attribute and is defined as the exchange and processing of information with minimal delays, typically in an asynchronous fashion taking into account normal network delays of associated sending-receiving network paths. A range of values may be determined and are acceptable values for this field. “Next business day” is defined as the next working day taking into account M-F being normal CONUS working days, to include the effects of US National holidays. "Various" and "Variable" are not acceptable attributes for this column. |
| Throughput | Throughput | Bits or bytes per time period - may be expressed in terms of maximum or average throughput required | An acceptable attribute must contain a number coupled with a frequency designation such as 24000/daily. Maximum sizes will be represented by mathematical less than symbol "<" bounding the maximum anticipated value. "Various Sizes" is not an acceptable attribute for this column.  |
| Size/Units | Size and Units of Measure | Size of system transaction data expressed in bytes per transaction | The value in this column must be expressed in terms of the size or range of sizes of the transaction in bytes. "Various Sizes" is not an acceptable attribute for this column. If a transaction can be of variable length the term "Various Sizes" should not be used, but rather the maximum sizes should be represented by mathematical less than symbol "<" bounding the maximum anticipated value. For purposes of this spreadsheet, a "byte" (8 bits) is equal to 1 character.  |
| Access Control | Access Control | All of these DoDAF attributes relate to information assurance. DoDI 8500.2 of 6 Feb 03 (Information Assurance Implementation) describes these in detail in attachments 2 and 5 to Encl 4. In the instruction, the IA controls are given a name, number, and a text description. The control number is what shows on the SV-6.  |  |
| Availability | Availability |  Refer to DODI 8500.2 |  Refer to DODI 8500.2 |
| Confidentiality | Confidentiality |  Refer to DODI 8500.2 |  Refer to DODI 8500.2 |
| Integrity | Integrity |  Refer to DODI 8500.2 |  Refer to DODI 8500.2 |
| Non-Repudiation Producer | Non-Repudiation Producer | The requirements for unassailable knowledge that the system data received was produced by the stated source | Input "Direct Connect to Client" or "Network Level Non-Repudiation; Application Level Auditability" |
| Non-Repudiation Consumer | Non-Repudiation Consumer | The requirements for unassailable knowledge that the system data sent was consumed by the intended recipient | Input "Direct Connect to Client" or "Network Level Non-Repudiation; Application Level Auditability" |
| Classification | Classification | Classification code for the system data element |  |
| Releasibility | Releasibility | The code that represents the kind of controls required for further dissemination of system data |  |
| Security Standard | Security Standard | STD TV-1/2 Definition Table | STDs referenced must be reflected in the most current version of DISR. Attribute is governed by the Format and Transfer Protocol. |

 **Initial SLOA Implementation Plan Template SLOA Memo Excerpt:**

**Initial SLOA Implementation Plan Template (an Excel template will also be provided on http://dcmo.defense.gov/products-and-services/standard-financial-information-structure/):**

The Plan should address unreconciled differences caused by interoperability with trading partners’ or customers’ systems by:

1. **Analyzing existing functionality and cost-efficiency within a mixed Legacy and Target and/or Enterprise Resource Planning (ERP) systems environment.**
2. **Determining the best way forward to resolve inherent data exchange problems.**
3. **Consolidating functionality by reducing the overall number of systems and thereby interfaces, which pass transactional data.**
4. This should be based on a DoDAF SV-6 structure outlining each of the system’s interfaces.

(2) Each interface is required to be labeled as Target or Legacy.

**(D) Evaluating if those systems/interfaces can be subsumed by the Target and/or ERP systems.**

(1) Each interface is required to be labeled as Subsumed or Maintained.

(2) Each interface is required to be labeled as SLOA Applicable or Not Applicable.

(3) Rule of thumb:

* Those that are Target (C)(2), which will be Maintained (D)(1), lead to postings between commitments and disbursements; and
* Those that are Legacy (C)(2), which will be Maintained (D)(1), should be noted with a comment specifying why these Legacy interfaces are critical/applicable.

**(E) Implementing the SLOA for the remaining interfaces.**

1. Projected dates (MM/YY) are required for subsumption or SLOA implementation.
* System owners and Service Providers must also ensure that their systems are interoperable with their trading partners’ or customers’ systems with respect to this requirement.
* Certain cases may require a business process reengineering effort to effectively execute this requirement. Components should identify this in their SLOA implementation plans.
1. Participating in SLOA coordination discussions with the Office of the Under Secretary of Defense (Comptroller)/Deputy Chief Financial Officer and the Office of the Deputy Chief Management Officer after their receipt of the Component-level plans to form an Enterprise SLOA Transition Plan with targeted completion dates.

**Note: Items (C)(1) through (D)(1) should already exist, given that for (C)(1) and (C)(2) Target systems should have an SV-6 and given that (D)(1) was a requirement associated to FY2010 National Defense Authorization Act (NDAA) IRB certification. If items (C)(1) through (D)(1) have been done properly, then items (D)(2) & (E)(1) should be an intelligible task.**