

2017Feb10 - NOTE: *This document was revised for concise contextual clarity for the vendor as required for the Marking & Commissioning Performance Work Statement (PWS). Please consult the COR or the RTLS SharePoint for the most current documentation.*

VA RTLS EDA Data Standard (DS) Workbook

Version	1.94.1
Last Update	1/22/2016

VA & HPES have agreed to this DW version. Next steps: Present to VHA RTLS Committee

This workbook defines the VA RTLS Enterprise Data Architecture (EDA) Data Standards and includes the list of standard data values which have been designed for use in RTLS. Standards may include data content (such as GS1) and the known data source where the standardized data was obtained. A data standard may also be an input convention, such as the one for naming Business Rules. Data type formatting (e.g., date format as mm/dd/yyyy or ddMMMyyyy) is configurable and should be described at the interface level. Some data type formatting is included in the data dictionary.

Each standard is described in the following sub-sections, and contains the following properties:

- **DS ID** – a unique identifier for the standard. The format for the data standard number is “DSnnn” where nnn is a number starting with 001 and then each subsequent number is incremented by one. If the data standard includes a list of values there will also be an associated tab identified by this number.
- **Data Standard Name** - textual identifier for the standard.
- **Application** - identifies the base use case(s) that the standard applies to. The list of applications is described in the table below.
- **Authoritative Source** – indicates who is responsible for devising or maintaining the list of values for this standard. This may be a group within VHA or external to VHA (e.g., the USPS maintains the list of US state codes).
- **Datastore.Table.Field** – identifies the database field that the standard is applied to.
- **Definition** – a description from the business point of view of the Standard Type.
- **Data Workgroup Approval Date** - date the data standard was reviewed and approved by the RTLS Data Workgroup.
- **Decision Status** – a description of the degree to which the standard is finalized, including when and by whom the standard has been set and next action steps needed, if any.
- **Naming Convention (if applicable)** - if this standard is a naming convention as opposed to a list of standard values the convention will be described here
- **Values Description** – a description of the values for this standard. If the list is maintained by an authoritative source outside of the control of RTLS, this would include a reference to where the list can be found. If there is a list of values for this standard they can be found on the tab named as the DS ID.

Applications

RTLS Application Acronym	RTLS Applications	RTLS Data Stores	Other Relevant Data stores
AT	Asset Tracking	Intelligent InSites Operational Data Store (ODS) Intelligent InSites Analytical Data Store (ADS)	AEMS/MERS
TM	Temperature Monitoring	Intelligent InSites ODS Intelligent InSites ADS	[Integrated TM Systems]
SPW	Sterile Processing Workflow	Censitrac Intelligent InSites ODS Intelligent InSites ADS	AEMS/MERS
CL	Cath Lab Supply Management	WaveMark Intelligent InSites ADS	IFCAP/GIP CART-CL

Version	Tab	Standard	Change	Change Description	Request Date	Approval Date by all Parties	Adopted in DS version
1.94.1	DS018	Censitrac Vendor Name	Removed tab DS018. List of Vendor Names now contained in "VA RTLS SPW Gold Standard Instrument Library N/A Element" Excel Workbook. Reference Data Discussion Log Item #85.		1/14/2016	1/26/2016	1.94.1
1.94.1	DS020	Censitrac Product Name	<ul style="list-style-type: none"> Columns exhibited for collection and submission as per documented guidance within the tab Data Standards within this document. Examples were changed as follows: <ul style="list-style-type: none"> ALL terms converted to ALL CAPS: "Vmueller" changed to "V MUELLER" "Parent Group" changed to "Primary Category" Double-prime (") character changed to "IN" "Scissor" changed to "SCISSORS" Removed spaces from descriptions and replaced with hyphens as necessary for complex terms Fractions changed to decimals. (This will remain in place subsequent to Intelligent InSites 4.5 incorporating special characters.) Removed "<i>Elements of Range</i>" and "<i>Description</i>" and other elements related to DS018 and DS019. Reference Data Discussion Log Item #85.	N/A	1/14/2016	1/26/2016	1.94.1

DS ID	Data Standard Name	Application	Authoritative Source	DataStore.Table.Field	Definition
DS016	WaveMark Product Group Name CL		WaveMark	WaveMark.ProductGroup.productgroupname WaveMark OLAP.wavemark_dim_product_type.Product_Type	This set of data values defines the supply's product group name within the WaveMark system.
DS017	Result Action, Notification and Alert Naming	AT, TM	RTLS Data Workgroup	Intelligent InSites ODS.alert.name Intelligent InSites ODS.notification.title Intelligent InSites ODS.result_action.name Intelligent InSites BI.dim_result_action.name	This data standard is a naming convention applied to multiple, related data fields: <ul style="list-style-type: none"> • The resulting action that occurs when a business rule is executed. • The name associated with the alert or notification if the resulting action includes either
DS018	Censitrac Vendor Name	SPW	RTLS SPW Workgroup	Censitrac.HL_vendor.vendor_name	These values define all vendor names that can be used in the Censitrac system and is maintained by Censis and the SPW Workgroup

Data Workgroup Approval Date	Decision Status	Naming Convention (if applicable)	Value Description
2/18/2014	Approved by Data Workgroup 2/18/14		A list of product group names is provided by WaveMark. As part of their maintenance agreement with HPES, VA has purchased a subscription for WaveMark to maintain this list. New product group names are added by a WaveMark administrator. Updates to this field will occur daily as WaveMark Customer Support receives information from manufacturers or from the VA. Requests received before 4:00pm ET will be completed the same business day. Requests received after 4:00pm ET will be completed by 10:00am ET the following business day. Requests that are submitted with missing or incorrect information will delay request completion. Notification of request for new product name groups should be sent to the data workgroup in conjunction with submittal to WaveMark Customer Support.
1/31/2014	Approved by Data Workgroup 1/31/14	[Complete Business Rule Name].[results in].[Action Name]	The tab DS017 provides a description and list of valid values for each field in the naming convention as well as examples of the use of this convention.
1/20/2017	Updated standard approved by VA on 1/20/2017		<ul style="list-style-type: none"> • The 'Master List' is stored on the RTLS SharePoint and maintained by the VA RTLS SPW WG within the VA RTLS SPW Gold Standard Instrument Library Elements (MS Excel Workbook). • Additional reference materials are available within the VA RTLS Medical-Surgical and Dental Instrument Nomenclature Standard Guidance stored on the RTLS SharePoint and maintained by the VA RTLS SPW WG. • VA accepts that HPES/Censitrac agree to support this field's data maintenance for the length of the contract/agreement(s). • VA agrees to permit HPES/Censis to submit data for VA review in a site-specific MS Excel workbook. • Existing nomenclature will remain in mixed case format. • ALL New Vendor Names are recorded and submitted to VA in "ALL CAPS" format. • An initial list of Vendor Names was provided by HPES/Censis to the VA SPW WG for incorporation into this data standard. As part of the HPES maintenance agreement, VA has purchased local subscriptions for Censitrac's long-term support and data maintenance. As new Vendor Names are added or received by Censis from VA sites, routine updates and revisions to the field's Vendor Names will be provided to the VA/HPES SPW WG for review. Data submitted with missing or incorrect information will delay incorporation/completion. • HPES/Censis will provide the VA/HPES SPW WG with regular (monthly) notifications of new Vendor Names via submission of an electronic list (MS Excel) for workgroup review and incorporation into the VA RTLS SPW Gold Standard Instrument Library Elements (MS Excel Workbook) on the VA RTLS SharePoint.
[previous version]	Approved by the VHA RTLS Committee 1/26/2016		
1/26/2016	Included in V1.94.1 Update		

Descriptors in Censitrac Product Name	Description
[Instrument_Category] = Instrument Type	Generally accepted Category name (Primary Category)
[Instrument_Common_Name] = Instrument 'Trade' Name	Brand/Trade Name derived from Surgeon/Creator (Sub-Category)
[Instrument_Primary_Descriptor] = Specialized Use of Instrument	General Specialty Descriptor, to include Gender, Anatomy, Procedure, Use, etc. (Classification)
[Instrument_Special_Descriptor1] = Defines First Special Characteristic	General Physical Characteristics (Shape, Material, etc.) - (SubClass1)
[Instrument_Special_Descriptor2] = Defines Second Special Characteristic	General Physical Characteristics (Shape, Material, etc.) - (SubClass2) Provides system ability to select more than one SubClass
[Instrument_Dimension] = Primary Measurement of the Instrument	In Metric or Imperial Units, may also include Diameter, Gauge, French measurements

Sample Censitrac Product Names (Below):

Please see the **Data Standards** tab for additional details for use/submission.

Censis Site ID	Manufacturer	Catalog Reference Number	Censitrac Product Name	Descriptors Parsed from Censitrac Product Name Field					
				Instrument_Category	Instrument_Common_Name	Instrument_Primary_Descriptor	Instrument_Special_Descriptor1	Instrument_Special_Descriptor2	Instrument_Dimension
1321	V MUELLER	SU1811	SCISSORS MAYO DISSECTING CURVED-ON-FLAT MIRROR-FINISH 6.75IN	SCISSORS	MAYO	DISSECTING	CURVED-ON-FLAT	MIRROR-FINISH	6.75IN
4053	AESCULAP	DE440R	BURNISHER-SPATULA BALL MICROSURGICAL ANGULATE 7IN	BURNISHER-SP	BALL	MICROSURGICAL	ANGULATED		7IN
19998	SYMMETRY SURGICAL	08-0045I	FORCEPS HARDY BIPOLAR WITH-STOP 8.5IN	FORCEPS	HARDY		BIPOLAR	WITH-STOP	8.5IN
23271	APIARY MEDICAL	GS 59.8900	MALLET HE-MAN ORTHOPEDIC 38MM-24MM PHENOLIC-HANDLE 10.5IN	MALLET	HE-MAN	ORTHOPEDIC	38MM-24MM	PHENOLIC-HANDLE	10.5IN
30255	SYNTHE	399.062	PLIERS CRANIOMAXILLOFACIAL FLAT-NOSED POINTED 5.7IN	PLIERS		CRANIOMAXILLOFACIAL	FLAT-NOSED	POINTED	5.7IN