

ARID Lunch & Learn

General ARID Overview and Recent Updates

12.01.2021

Topics Covered

ARID Overview

- ADS Structure
- ADS Classification
 - [Change Log](#)
- Data Process Center
- Data Collection Hub

Recent Major Changes to Data Dictionary

- ADS Structure
 - [BLDG & FUNCT Hierarchies](#)

General Q&A

ARID **Overview**



(Demo on ARID)

**PORT
AUTHORITY
NY NJ**

AIR LAND RAIL SEA



ADS Asset Structure

Database for asset functional hierarchy, required asset records, affiliations, and compliance/regulatory programs.

1



ADS Asset Classification

Database for asset type classifications, engineering attributes, maintenance plans, and type asset tagging locations.

2



ADS Asset PCR

Database for type asset classifications' Problem, Cause, and Remedy (PCR). (or Problem, Failure, and Action)



ADS Domain

Database for all ADS Domain classes and values.



ADS Meter

Database for all ADS Meters and related information.



ADS Location Hierarchy

Information related to the Port Authority Hierarchy Model (PAHM) and facility location hierarchies.



ADS Version Freeze Vault

Repository of historical ADS data at each freeze point



Learning Center

Repository of recording of training sessions, learning materials, and references.



Document & Change Request

Database-related templates, wiki, and site contributions.



Data Process Center

All-in-one place for ADS processed data export.

3



Data Collection Hub

Repository of reference material and templates for asset data collection, preparation, and submission.

4



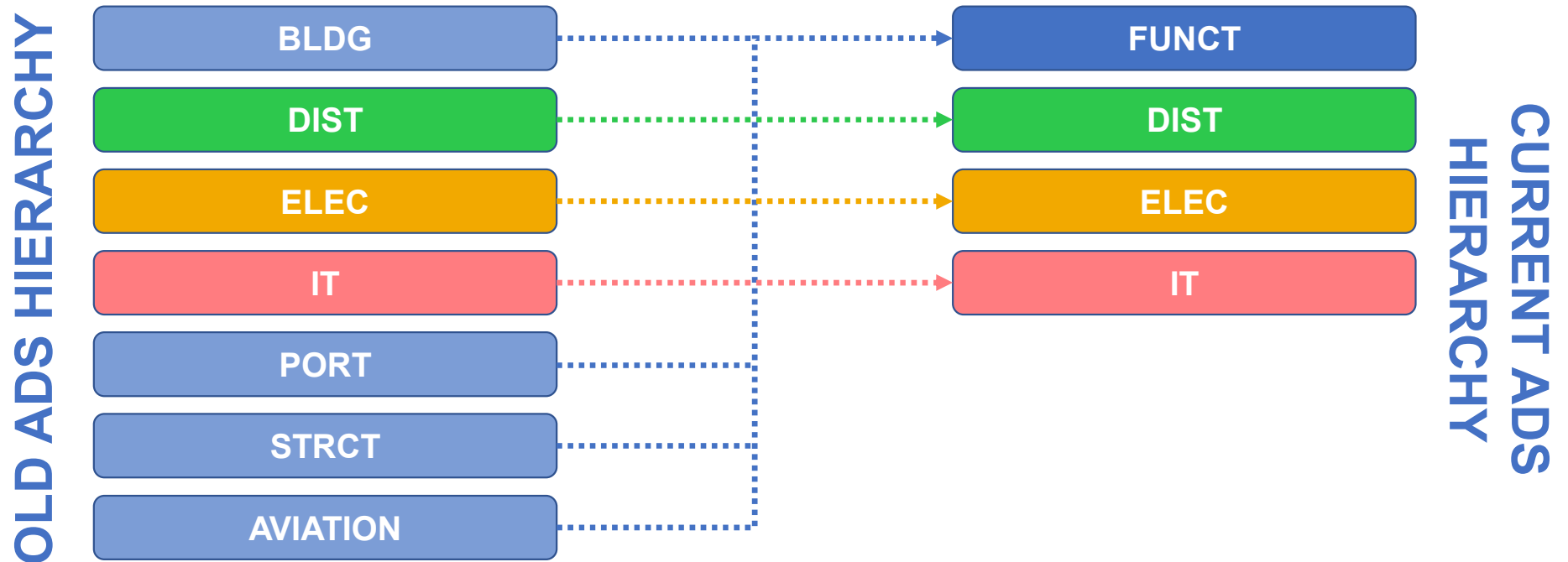
Control Panel

Admin module with advanced functions for database superusers.

Recent Major Changes to Data Dictionary



Changes to ADS Structure



Changes to ADS Structure

HOW ARE SYSTEM ACRONYMS AFFECTED?

REPEATED SYSTEMS MERGE TO A SINGLE ACRONYM ACROSS BOTH FUNCT & DIST HIERARCHIES WHEN USED:

- Sanitary Waste (08 / 86) → 08
- Storm Water (11 / 83) → 11
- Solid Waste (18 / 92) → 18
- Fuel Supply (19 / 85) → 19
- Lighting System (23 / 88) → 23

Example: Sanitary Waste

(08 / 86) → 08

OLD BLDG HIERARCHY	
08	SANITARY WASTE
08A	PIPING
08B	SANITARY LIFT STATION
08C	OIL/WATER SEPARATOR
08D	GREASE TRAPS
08E	TRITURATORS
08F	STORAGE

OLD DIST HIERARCHY	
86	SANITARY WASTE (EX)
86A	SANITARY LIFT STATION
86B	PIPING
86C	MANHOLES
86E	TRITURATORS
86F	OIL/WATER SEPARATOR

NEW FUNCT HIERARCHY	
08	SANITARY WASTE
08A	PIPING
08B	SANITARY LIFT STATION
08C	OIL/WATER SEPARATOR
08D	GREASE TRAPS
08E	TRITURATORS
08F	STORAGE
08G	MANHOLES

Q&A



Thank You!

