



Facility Management Standard – Fundamentals and Implementation

Facility Management Standard

for facilities, infrastructure, & environment

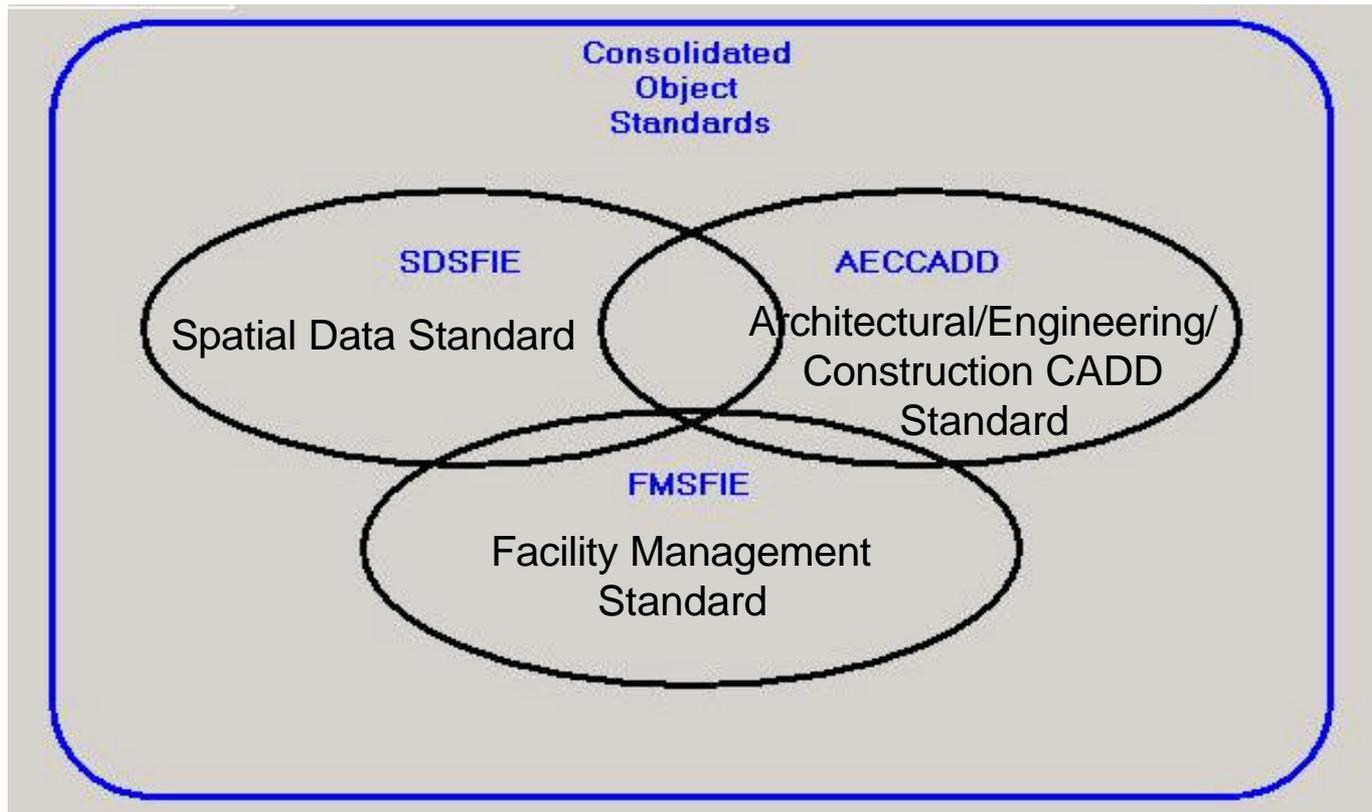
(FMSFIE)

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CADD GIS Technology Center Internet URL :
<https://tsc.wes.army.mil>

Facility Management Standard (FMSFIE)



Facility Management Standard (FMSFIE)

- **Facility Management Standard** for facilities, infrastructure, & environment
- **Acronym - FMSFIE**
- **CADD/GIS Technology Center Project No. 96.015**
- **Prototype Implementation** at Patuxent River Naval Air Station, Maryland
- **Website –**



<https://tsc.wes.army.mil/products/tssds-tsfms/fms/fmsprods.asp>

Facility Management Standard (FMSFIE)

- Develop **Transactional Data Content Standard** to support life cycle Facility Management (FM) functions at Military Installations and USACE Civil Works Projects.
 - **Facilitate compliance with legal reporting requirements.**
- Improve efficiency and lower costs associated with collection, management, analysis, and reporting of FM data.
- Provide **Non-Proprietary Data Content Standard** to Facilitate Sharing of FM Data.



FMSFIE Website -
<https://tsc.wes.army.mil/products/tssds-tsfms/fms/fmsprods.asp>

Facility Management Standard (FMSFIE) - Website

- **What is Available from FMSFIE Website?**
 - Current FMSFIE Release (Data Standard & Software Tools)
 - Release 2.31 available today
 - Release 2.40 to be available in October 2004
 - Papers and Guidance
 - Information Model
 - Data Element Naming Conventions
 - Implementation Guide
 - PowerPoint Slides
 - Data Models

FMSFIE Website - <https://tsc.wes.army.mil/products/tssds-tsdfs/fms/fmsprods.asp>

Facility Management Standard (FMSFIE) - Website

Where is Website?

1. Go to CADD/GIS Technology Center Website

<https://tsc.wes.army.mil>

2. Select “FM Standards (FMSFIE) from “Products” menu



The screenshot shows the homepage of the CADD/GIS Technology Center. The header features the center's name and logo, along with the tagline "for facilities, infrastructure, and environment" and "CADD and Geospatial Technologies". A navigation menu includes links for Home, Events/Training, Contacts, The CADD/GIS Technology Center, Links, Products, Projects, Groups, and Contracts. On the left, there is a sidebar with expandable sections for Classes, Calendars, and Discussion Forums, with sub-links for CADD/GIS Bulletin, Visitor Information, and Geodatabase News. The main content area is titled "Center Headlines" and features a "Summer Issue of CADD/GIS Insights is now available" announcement. A dropdown menu is open over the "Products" link, listing options such as Download Center, Interior Design Website, Spatial Data Stds (SDSFIE), A/E/C CADD, and FM Standards (FMSFIE).

Facility Management Standard (FMSFIE) - Website

- Where is Website?
3. Make selection from menu.

The CADD/GIS Technology Center FMSFIE Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

← Back → Search Favorites Media

Address <https://tsc.wes.army.mil/products/tssds-tsfs/fms/fmsprods.asp>

CADD/GIS TECHNOLOGY CENTER
for facilities, infrastructure, and environment **CADD and Geospatial Technologies**

Home | Events/Training | Contacts | The CADD/GIS Technology Center | Links | Products | Projects | Groups | Contracts

- News
- Download Standard
- Meetings
- Data Models
- Project Development
- Comments
- FAQ
- Papers
- Slides
- Other Sites

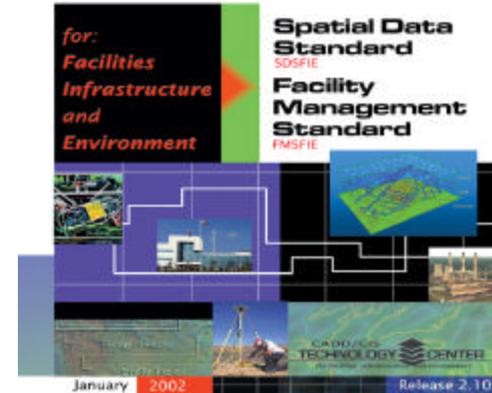
Welcome...
to the
Facility Management Standard
for
Facilities, Infrastructure, and Environment
FMSFIE

One of the major initiatives assigned to The CADD/GIS Technology Center has been the development of the Facility Management Standard for Facilities, Infrastructure, and Environment (FMSFIE).

Facility Management Standard (FMSFIE) – Development History

- **1998 - 2002:** Facility Management Standard Developed/Published as Sub-Set of Spatial Data Standard.

- TSSDS/TSFMS Release 1.80 – February 1999
- SDS/FMS Release 1.90 – December 1999
- SDS/FMS Release 1.95 – April 2000
- SDSFIE/FMSFIE Release 2.00 – January 2001
- SDSFIE/FMSFIE Release 2.10 – January 2002
- SDSFIE/FMSFIE Release 2.20 – August 2002



- **2003 - Present:** Facility Management Standard Developed/Published as Transactional FMSFIE.

- FMSFIE Release 2.30 – October 2003
- FMSFIE Release 2.31 – March 2004
- FMSFIE Release 2.40 – October 2004

The Challenges we face

USERS



Information systems don't reflect the real work environment or provide the right information

DECISION MAKERS



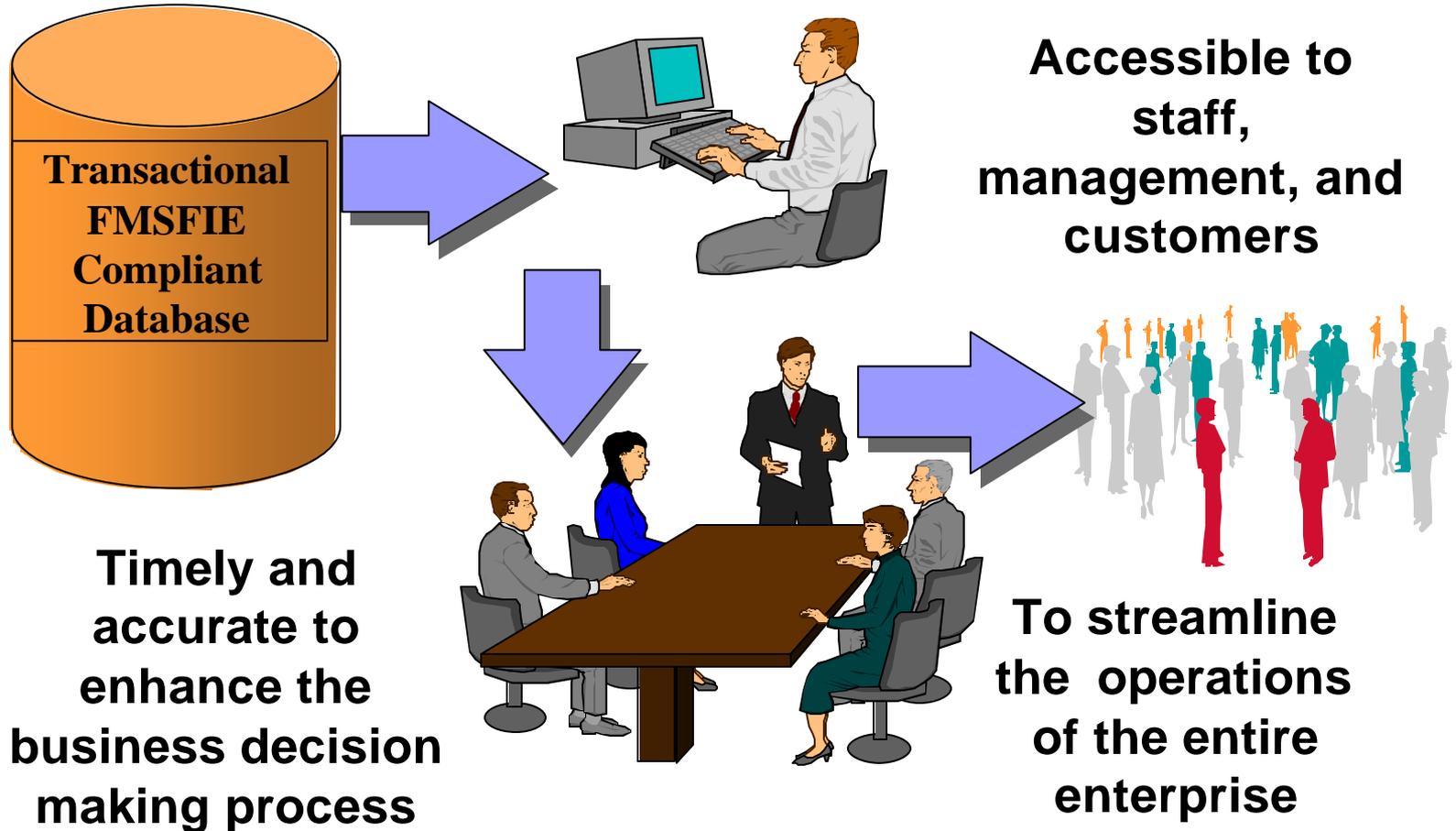
Business information is not integrated and has little decision support capability or credibility

DEVELOPERS



- Problems understanding the Complex Business being supported
- Clouded big picture (vision) and approach

Facility Management Standard (FMSFIE) – Benefits



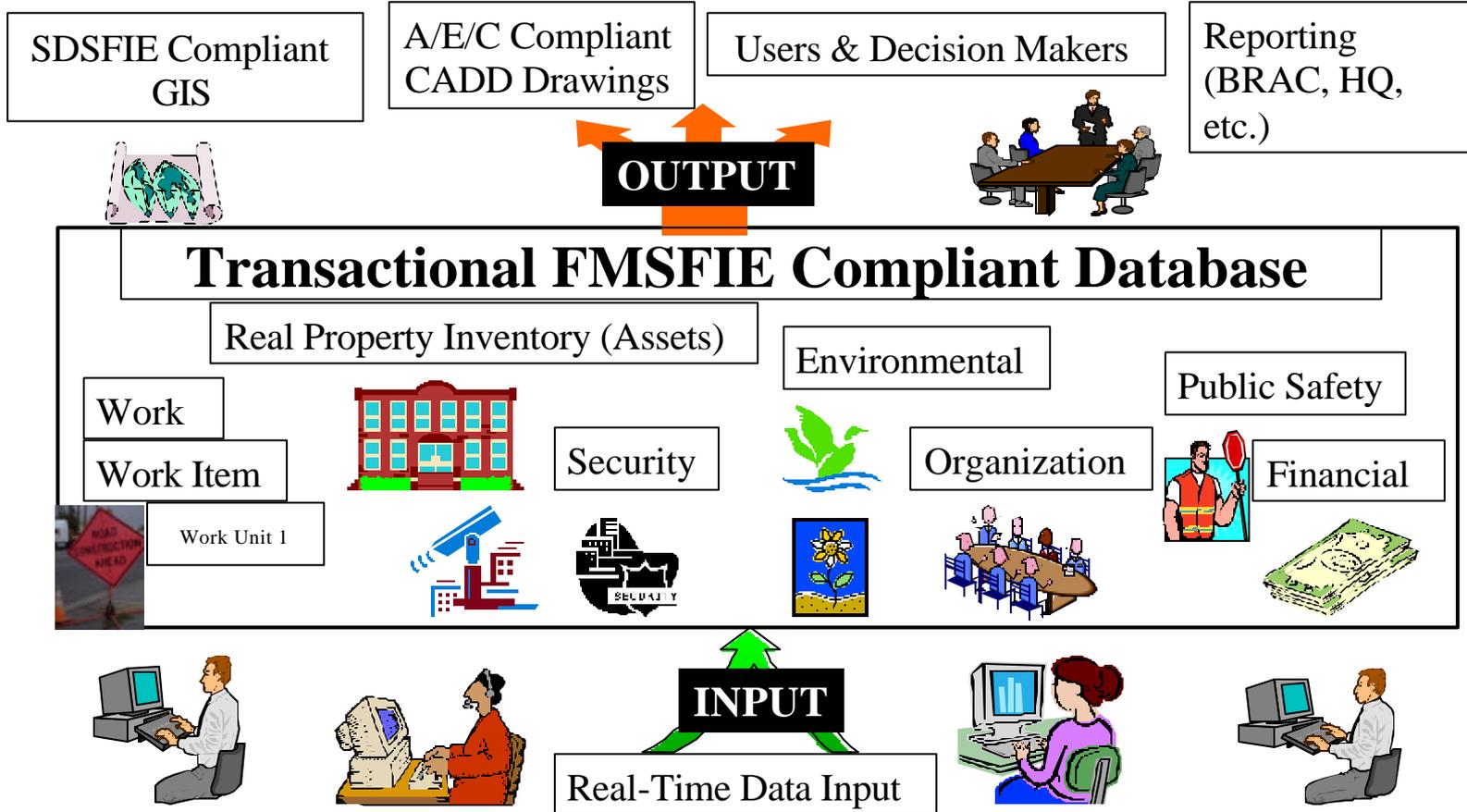
Facility Management Standard (FMSFIE)

Transactional –

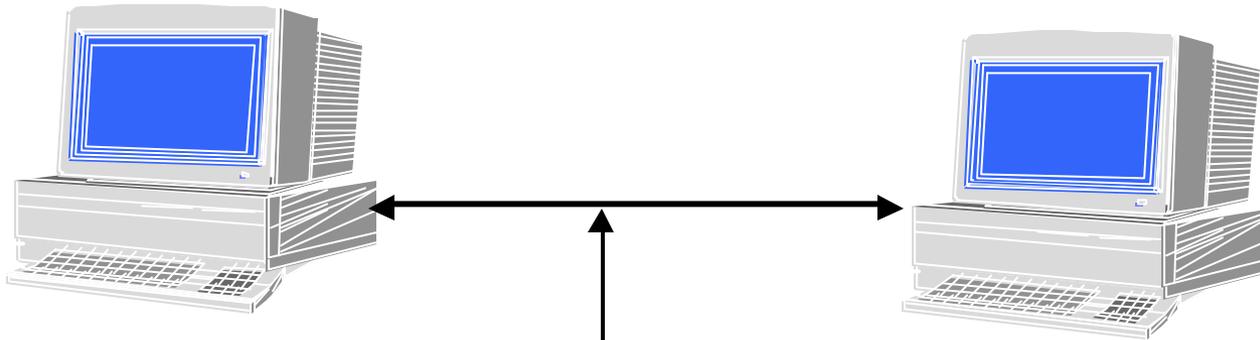
- Communicative actions or activities, involving multiple parties or things that reciprocally affect each other in a near real time setting that is based on life cycle events.
- Real Time, Temporal Data.



Facility Management Standard (FMSFIE) – Implementation Concept



Facility Management Standard (FMSFIE) – Ideal Integration Concept



Non-Graphic Systems

- Financial
- Real Property (Assets)
- Work (Work Orders)
- Personnel
- Security
- Environmental
Restoration & Compliance

Graphic Systems

- GIS
- CADD
- Building Information Systems
- Space

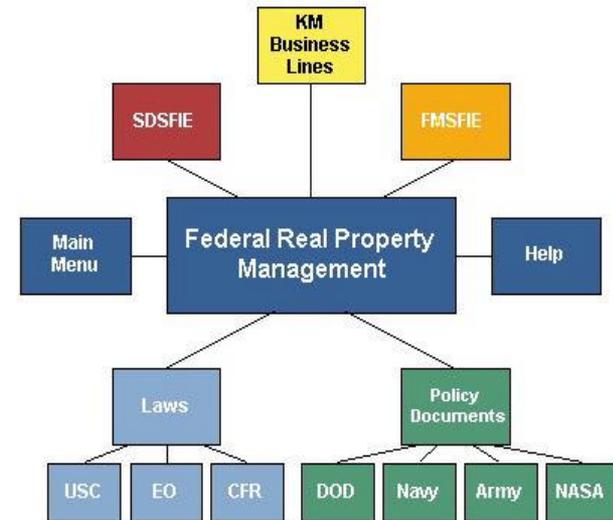
Facility Management Standard (FMSFIE)

Framework Based Upon:

- Prototype Implementation at Patuxent River Naval Air Station, Maryland.
- DoD & Federal Real Property Requirements.
- Integration with Spatial Data Standard (SDSFIE) Compliant GIS.
- Integration with A/E/C CADD Standard Compliant CADD Drawings.
- Compatible with Commercially Available GIS, CADD, & Relational Database Software.
- FM Focus and other Groups.

Federal Real Property Management (RPM) Website

- Web Site to contain U.S. Codes and Executive Orders governing acquisition, maintenance, and disposal of Real Property holdings.
- Provide Traceability Matrix listing of Federal Legal Reporting Requirements Supported by FMSFIE and SDSFIE. Coverage expanded each Fiscal Year.
- Provide web-based FMSFIE Data Dictionary for FMSFIE Information Model (Sets, Classes, Sub-Classes, Families).



RPM Web Site URL – <https://rpm.wes.army.mil/>

Federal Real Property Management (RPM) Website

Where is RPM Website?

1. Go to CADD/GIS Technology Center Website

<https://tsc.wes.army.mil>

2. Select “Real Property Regulations from “The CADD/GIS Technology Center” menu



The screenshot shows the homepage of the CADD/GIS Technology Center. The header features the center's logo and the text "CADD and Geospatial Technologies for facilities, infrastructure, and environment". A navigation menu includes links for Home, Events/Training, Contacts, The CADD/GIS Technology Center, Links, Products, Projects, Groups, and Contracts. The main content area is divided into three columns. The left column contains a list of links: Classes, Calendars, Discussion Forums, CADD/GIS Bulletin, Visitor Information, and Geodatabase News. The middle column lists various resources: Table of Contents, Center Overview, Visitor Information, Center Forums, Consolidated Objects, Success Stories, Foundation Knowledge, Real Property Regulations (highlighted in red), and FM Domain Information. The right column is titled "Headlines" and features a section for "GIS Insights is now Available", which includes a brief description of the CADD/GIS Insights focus on the 2004 symposium and exhibition, along with other articles and features like the Geospatial portal, Webmaster Forum, and CAD2 News.

Federal Real Property Management (RPM) Website

FMSFIE Entity Set		
Entity Set	Entity Set Description	Entity Class Link
asset_management	Items comprising an inventory of Federal real property and other related entities based on classification and need to support organizational requirements. Includes: (1) tangible physical items comprising the inventory of Federal real property that can be referenced by location; (2) non-tangible items that cannot always be defined by a location, or do not exist as an inventory item in the real property management inventory.	Class Link
environmental_management	Defines the stewardship responsibilities as they relate to the environmental management practices.	Class Link
financial_management	Planning, programming, and execution of appropriations associated with real property management.	Class Link
information_security_management	Controlled access to data and information as it is related to the roles of personnel.	Class Link
organization_management	A structured grouping of personnel and the roles they perform as it relates to an integrated work environment.	Class Link
public_safety_management	Issues related to the protection of personnel and property.	Class Link
work_management	Change management that consists of planning, programming, acquisition, operations, maintenance, revitalization, evaluation, and disposal actions affecting real property and other related entities.	Class Link

Federal Real Property Management (RPM) Website

Laws Related To FMSFIE Entity: Assets				
United States Code				
Law Number	Title	Full Text	Traceability Matrix	Status
40 USC 285	Buildings under control of Administrator of General Services	Full Text	Related Information	Active
Executive Order				
Law Number	Title	Full Text	Traceability Matrix	Status
EO 12512	Federal Real Property Management	Full Text	Related Information	Active
EO 12803	Infrastructure Privatization	Full Text	Related Information	Active
				
Policy Documents Related To FMSFIE Entity: Assets				
Department of Defense				
Document Number	Title	Full Text	Traceability Matrix	Status
DODI 4165.3	Uniform Facility Classes and Construction Categories	Full Text	Related Information	Active
DODI 4165.67	Revitalizing Base Closure Communities - Base Closure Community Assistance	Full Text	Related Information	Active
DODM 4145.19-R	Storage and Warehousing Facilities and Services	Full Text	Related Information	Active
Navy				
Document Number	Title	Full Text	Traceability Matrix	Status
OPNAV 11010.34	Instructions for Preparation and Submission of the Type	Full Text	Related Information	Active
NAVFAC				

Federal Real Property Management (RPM) Website

Spatial Data Standards for Facilities Infrastructure and Environment

Entity Set	Description	Entity Classes
auditory	The generation and detection of sounds or noise in the environment.	Class List
boundary	The borders or boundaries that define logical or political divisions or subdivisions.	Class List
buildings	The structures located on the face of the earth that were created, by man, to protect man and his possessions from the environment, or to enhance man's activities.	Class List
cadastre	The man-made division of land into areas of ownership and control.	Class List
climate	The movement and effects associated with the earth's atmosphere.	Class List
common	The information that describes the overall data set or components of data that are common to all entity sets.	Class List
communications	The means available to relay data and translate data.	Class List
cultural	The activities of man that are historically significant.	Class List
demographics	The information pertaining to man's trends or traits.	Class List
ecology	The information pertaining to the interrelationship between organisms and their environments.	Class List
environmental hazards	The identification and management of natural and manmade substances, materials, and conditions which are, or have the potential to be, detrimental to life and ecosystems on the earth.	Class List
fauna	The study of the animals in a region or environment.	Class List
flora	The study of the plant life in a region or environment.	Class List
future projects	The information that describes planned projects for future development.	Class List
geodetic	The information pertaining to the size and shape of the earth.	Class List
geology	The geologic features and processes occurring in a given region on the earth.	Class List

Federal Real Property Management (RPM) Website

- Contains over 1,173 Federal Laws & Policy Documents
- Contains Traceability Matrix of Federal Legal Reporting Requirements supported by:
 - All SDSFIE Entity Sets (total of 26).
 - All SDSFIE Entity Classes (total of 169).
 - All FMSFIE Entity Sets (total of 7).
 - 33 FMSFIE Entity Classes.

Site Document Information

Total Number of Laws and Policy Documents:	1173
Laws:	757
United States Codes:	265
Executive Order:	93
Code of Federal Regulations:	373
Other Laws:	25
Policy Documents:	366
Department of Defense:	73
Navy:	192
Navy Claimancy:	125
Army:	50
NASA:	32
Air Force:	1
Other Policy Documents:	15
External Document Links:	1144

Facility Management Standard (FMSFIE) – General Development Steps

Step 1: Strategic Plan

Step 2: Conceptual Data Model

Step 3: Naming Conventions & Design
Criteria

Step 4: Identify Priority Areas

Step 5: Logical & Physical Data Models

Step 6: FMSFIE Library

Step 7: Software Tools to Facilitate Use

Step 8: Written Guidance to Facilitate Use



FMSFIE Strategic Plan

FMSFIE Strategic Plan –

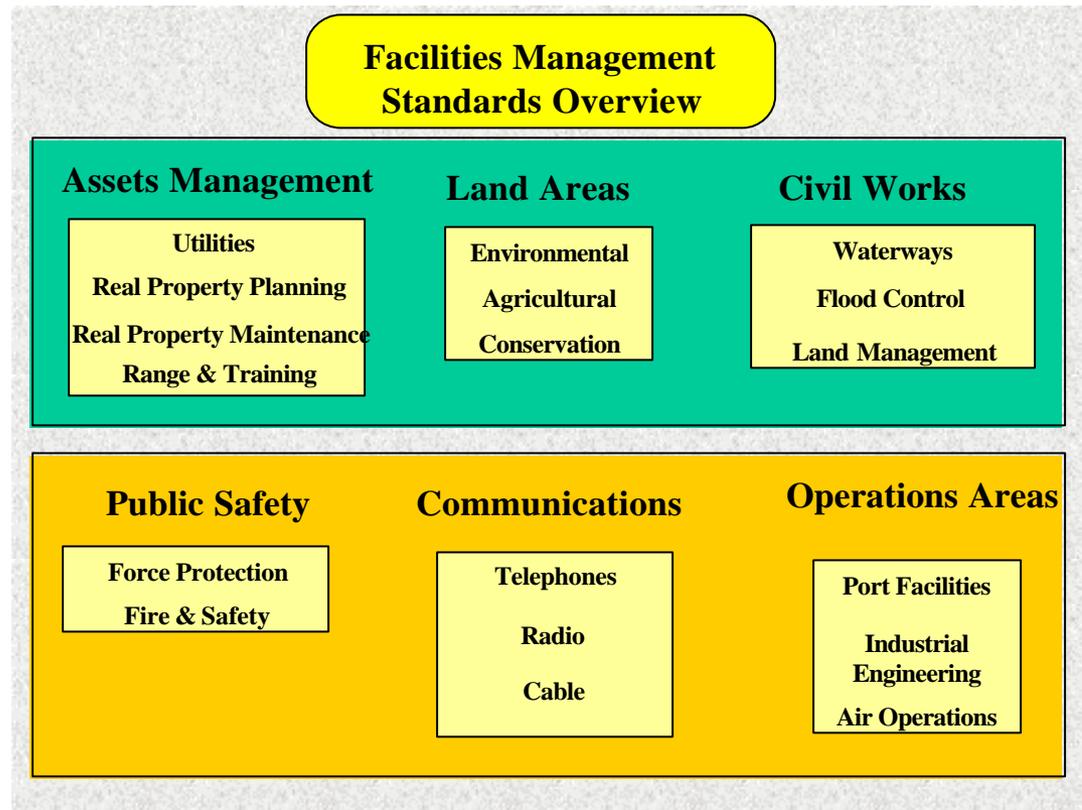
- Provides goals and objectives for development of FMSFIE.
- Provides plan for migrating FMSFIE to a transactional data model.
 - FMSFIE initially developed as subset of SDSFIE.
- Initial Plan Developed in 2000. Updated periodically, as required.



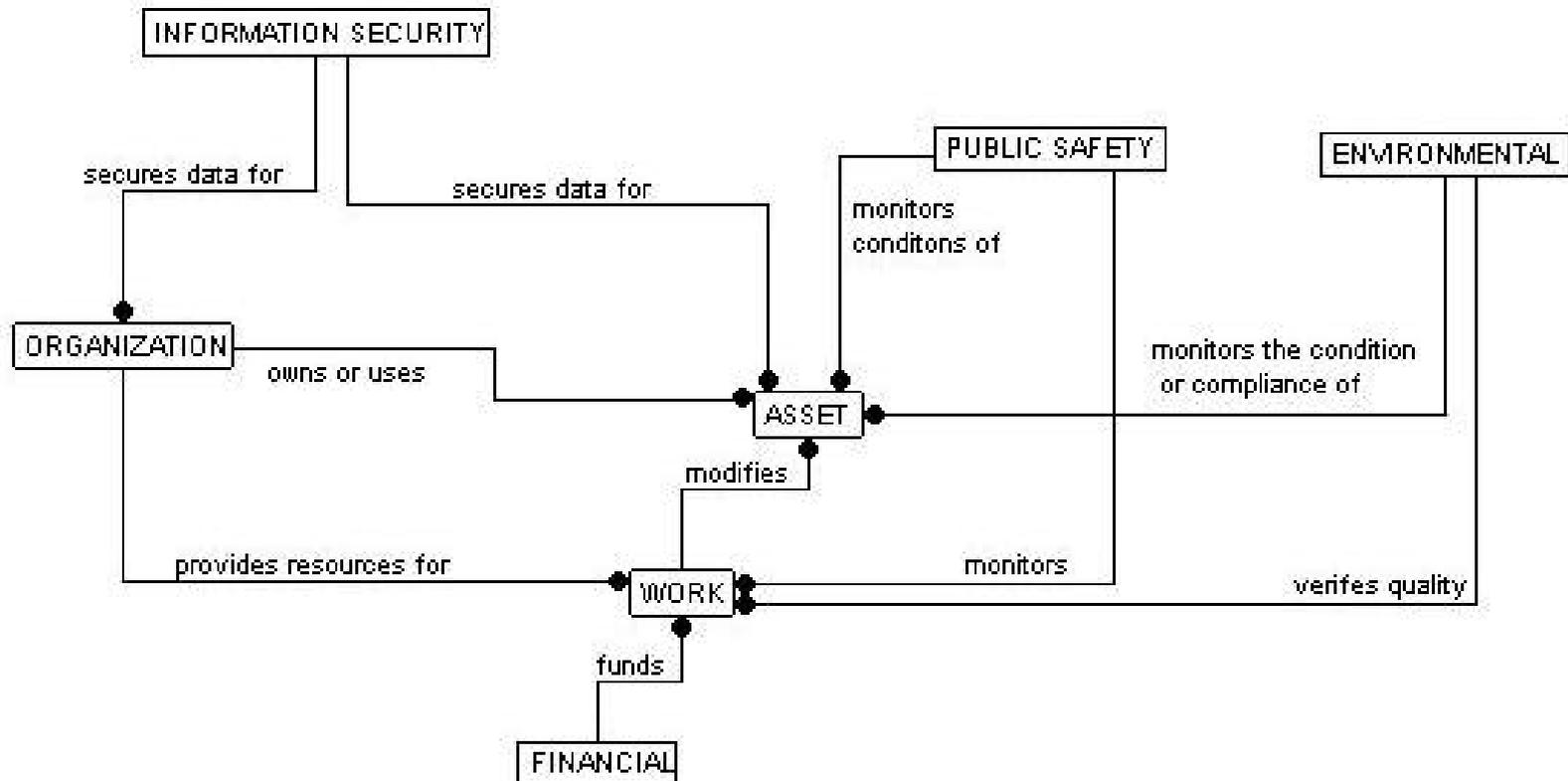
- Updated at October 2003 FMSFIE Working Meeting.

FMSFIE Broad Focus Areas

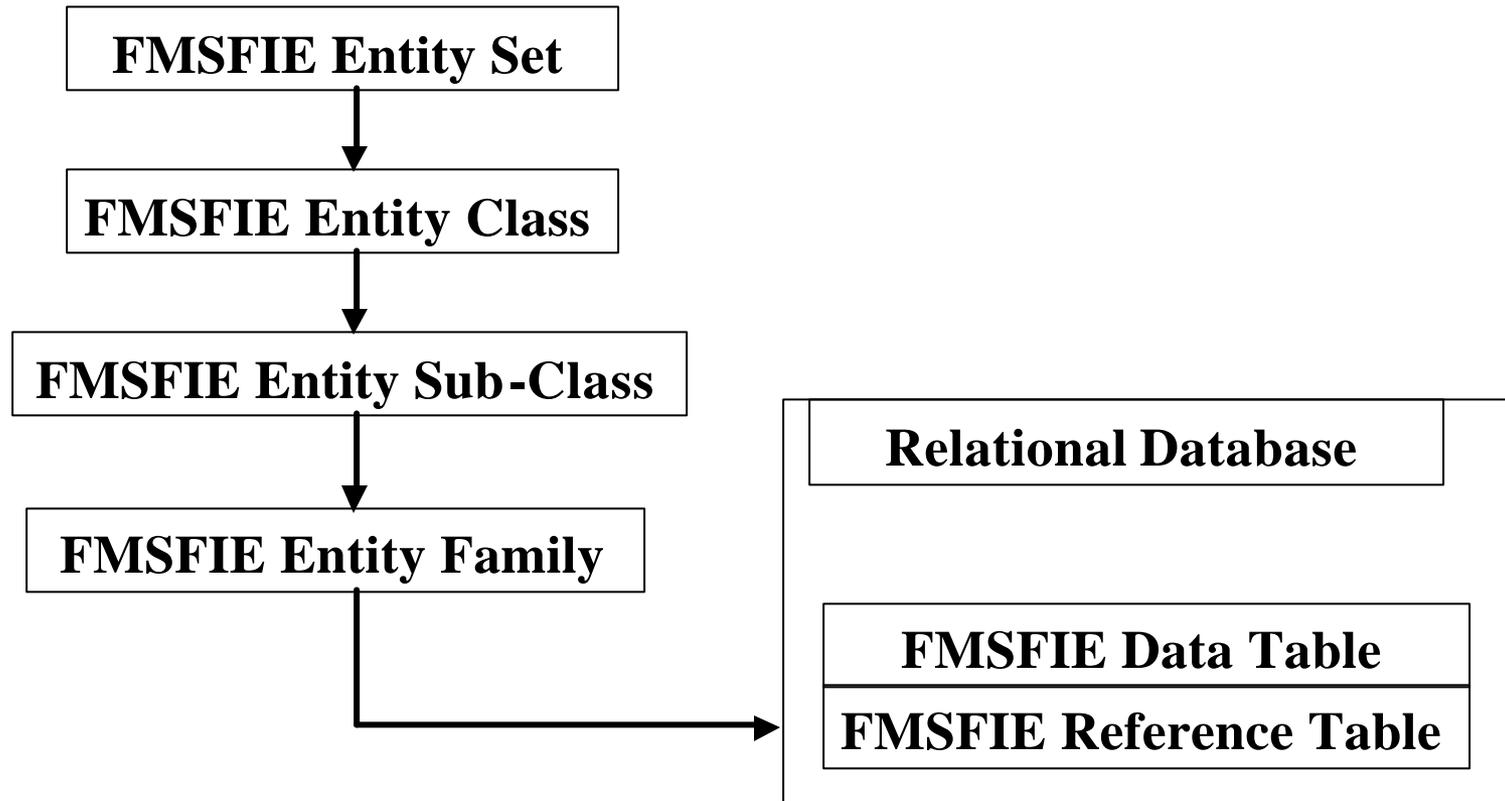
- Broad **Focus areas** are within Facilities, Infrastructure, and Environment Business Plan for the Center
- Work with the Broad **Associated Areas** as needed to support the Broad **Focus Area** development.



FMSFIE – Conceptual Data Model



FMSFIE – Information Model Hierarchy



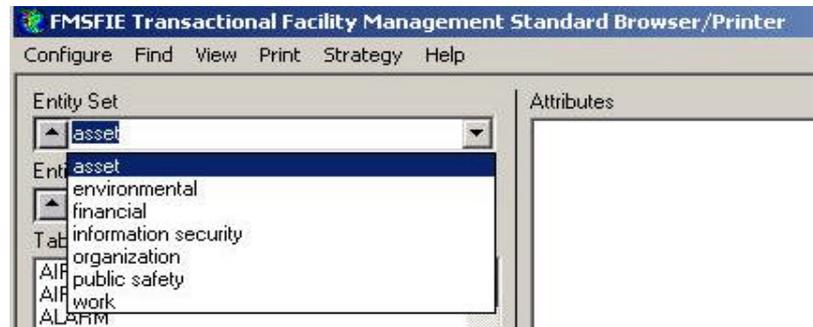
FMSFIE – Information Model Hierarchy

Definitions

- **Entity Set:** Broad grouping of Real Property Management responsibilities.
- **Entity Class:** Sub-Grouping of an Entity Set providing grouping of similar real property classifications based upon legal reporting requirements.
- **Entity Sub-Class:** Sub-Grouping of an Entity Set based upon similar life-cycle event and temporal real property information.
- **Entity Family:** A functional sub-group of an Entity Sub-Class corresponding to different business disciplines, or different perspectives in the way data is structured below the Entity Sub-Class.

FMSFIE Information Model

- **Includes Seven Entity Sets:**
 - Asset Management
 - Work Management
 - Environmental Management
 - Organization Management
 - Public Safety Management
 - Information Security Management
 - Financial Management



FMSFIE Entity Sets – Asset Management

Asset Management:

- Items comprising an **inventory of federal real property** and other related entities based on classification and need to support organizational requirements.
- Includes:
 - **Tangible Physical Items** comprising inventory of federal real property that can be referenced by a location;
 - **Non-Tangible Items** that cannot always be defined by a location, or do not exist as an inventory item in the real property management inventory.
 - Proposed Leases
 - Proposed Assets (i.e., may be constructed at some time in the future).

FMSFIE – Asset Management

Tangible Physical Items:

- Items Comprising Inventory of Federal Real Property that can be Referenced by a Physical Location on the Earth.
- Can be Categorized as:
 - **Facility** –
 - Building, Utility, Structure
 - **Equipment** –
 - Personal, Minor, Industrial
 - **Land** –
 - Improved, Semi-Improved, Unimproved, Easement
 - **Transportation** –
 - Vehicles, Weight Handling Equipment, Material Handling Equipment



FMSFIE Asset Management Entity Set - Classes

Asset Management - Set

Classes

Transportation

Non-Tangible

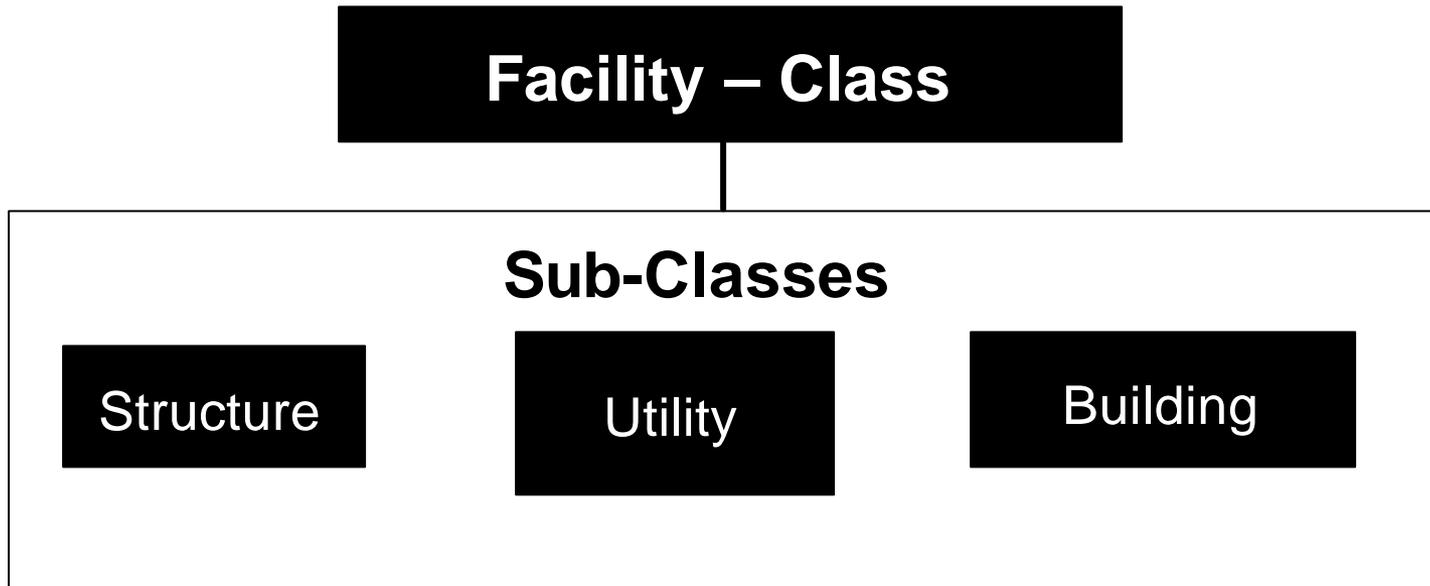
Core (Common)

Land
(Real Property Class 1)

Facility
(Real Property Class 2)

Equipment
(Real Property Classes 3 & 4)

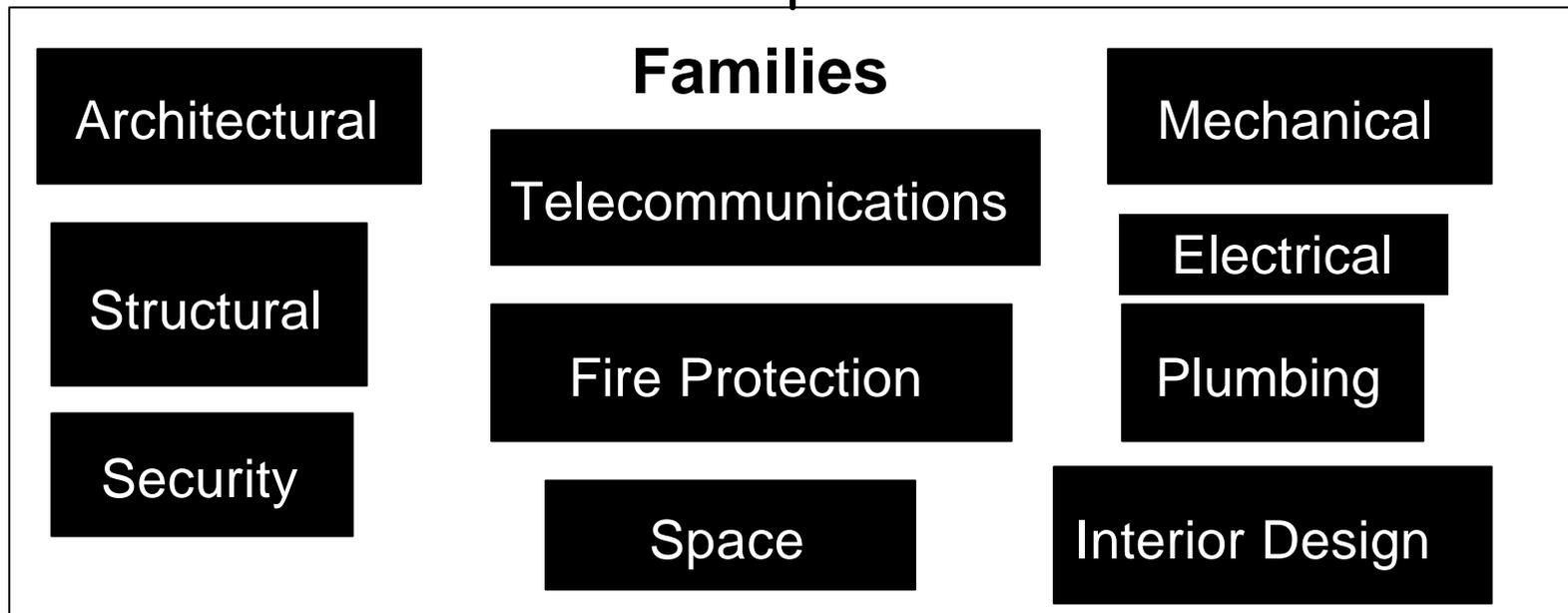
FMSFIE Asset Management Entity Set



Follows DoD Real Property Class 2 Model

FMSFIE Asset Management Entity Set – Facility Class

Building – Sub-Class



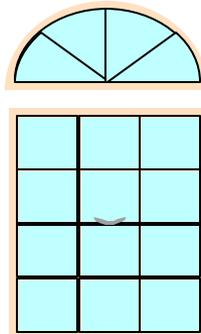
Follows A/E/C CADD Standard Model

FMSFIE Asset Management Entity Set – Facility Class – Building Sub-Class

Building:

- Components of a Building.
- Includes Utilities and Built-In Equipment Located Inside a Building.

Architectural



Fire Protection



Space



Security



FMSFIE Asset Management Entity Set – Facility Class

Utility – Sub-Class

Families

Water

Wastewater

Storm Water

Fuel

Electrical

HVAC

Tanks

Natural Gas

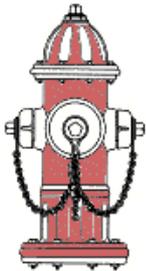
Follows SDSFIE Model

FMSFIE Asset Management Entity Set – Facility Class – Utility Sub-Class

Utility:

- Components of a Utility.
- Includes Utilities Located Outside of Buildings.

Water



Fuel



Electrical



Tanks



FMSFIE Asset Management Entity Set – Facility Class – Structure Sub-Class

Structure:

- Real Property Ground Improvements not associated with a Building or Utility.

Vehicle



Navigation



Ports & Harbors



FMSFIE Entity Set Definitions – Cont.

- **Work Management:** Change management that consists of planning, programming, acquisition, operations, maintenance, revitalization, evaluation, and disposal actions affecting real property (assets) and other related entities.
- **Financial Management:** Planning, programming, and execution of appropriations associated with real property management.
- **Environmental Management:** Defines the stewardship responsibilities as they relate to the environmental management practices.
- **Public Safety Management:** Issues related to the protection of personnel and property.
- **Organization Management:** A structured grouping of personnel and the roles they perform as it relates to an integrated work environment.
- **Information Security Management:** Controlled access to data and information as it relates to the roles of personnel.

FMSFIE – Design Considerations

- Compatible with Commercially Available Relational Database Management System (RDMS) Software.
- Compatible with SDSFIE & A/E/C CADD Standards.
- Compatible with Commercially Available CADD & GIS Software.
- Compatible with Microsoft Windows Operating Systems.
 - Windows 2000 & XL
- Define Data Model to Support Federal FM Legal Reporting Requirements.
- Support DISA and ISO Naming Conventions.
- Support Transactional Data Model & Schema.
- Provide User-Friendly Naming Conventions.
 - One Table Name & Attribute Field Name.
 - Table Names & Attribute Field Names are Meaningful to User.
 - Support Current & Future RDMS (i.e., DOS is not supported).

FMSFIE Relational Database – Table Definitions

- **Data Table:** Relational database table comprising a grouping of similar records.
 - Also called Attribute table.
 - Database table used by Users for data entry.
- **Reference Table:** Relational database table containing a listing of valid, permissible, or reference values.
 - Also called Domain and Lookup Values.
 - Incorporate SDSFIE Domain Values, where applicable.

Why Use a Relational Database?

- **Data organization**
organized by functional area
- **Data updates**
change 1 table, not multiple tables
- **Less redundancy**
data stored once
- **Sharing of data**
sharing = savings

Relational Database Terminology

- Database - A structured collection of data items about a specific topic
 - ✓ **Cell - Storage unit for each data item**
 - ✓ Table - A group of similar records
 - Field - a “column” of related cells
 - Record - a “row” of related cells
 - ✓ **Key - A field with a unique identifier**
 - Primary Key / Foreign Key

KEY STUDENTS		
ID #	LAST NAME	FIRST NAME
1001	Smith	John
1074	Erickson	Colleen
1123	O'Brien	Debbie
1234	Pierce	Kevin
1399	Smith	John

Relational Database Terminology

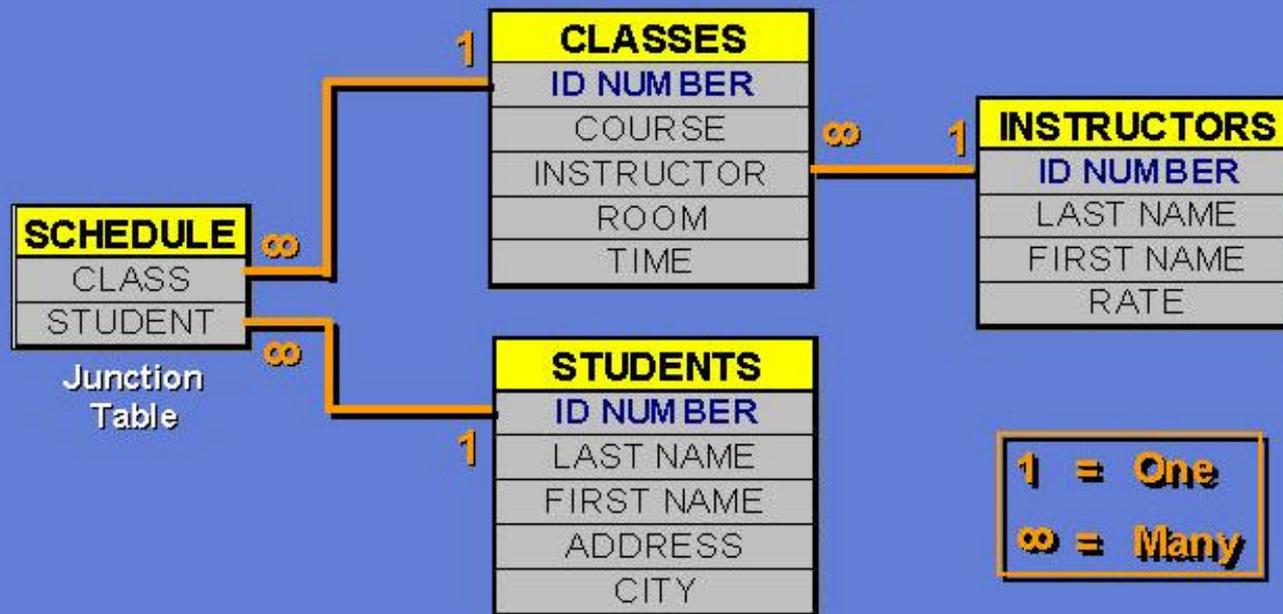
- In a relational database, more than 1 database table can be ‘linked’ or ‘joined’ together.
- Two basic components:
 - **Relationship** - The joins (linkage) between database tables - Requires a unique identifier.
 - **Primary Keys** - Unique identifier for each record in a database table.
 - **Foreign Keys** – Unique identifier for records in another database table, that are related through database joins (linkage).
 - **Reference Table (Domain Table)** – Provides a set of valid values for a field.

Commercially Available Relational Database Management System (RDMS) Software

- Microsoft Access
- Oracle
- SQLServer
- Informix
- Paradox
- FoxPro
- Sybase

Relational Database Management System (RDBMS)

RDBMS Example Database



Relational Database Management System (RDBMS)

RDBMS Example Data

SCHEDULE	
CLASS	STUDENT
S118	1123
S118	1074
S118	1074
S118	1074
S333	1123
S541	1074
T555	1074
T574	1074
T574	1123
T555	1074

Foreign Key

Foreign Key

KEY STUDENTS				
ID #	LAST NAME	FIRST NAME	ADDRESS	CITY
1001	Smith	John	100 W. Main St.	Angtown
1074	Ernstson	Colleen	575 Yellow Lane	Emerald City
1123	O'Brien	Debbie	231 E. West St.	Montezuma
1024	Pierce	Kevin	100 E. Parke Av.	Dayton
1025	Smith	John	328 Elm St.	Springfield

KEY CLASSES				
ID #	COURSE	INSTRUCTOR	ROOM	TIME
S118	Relational & Object Databases	1014	102	Slot 1
S541	Selecting Sequence Suits	1123	101	Slot 1
S333	Controlling Your Cape	1123	100	Slot 4
T574	Lighting: Friend or Foe	1002	100	Slot 2
T555	Life is a Poisonous Nut	1111	101	Slot 4

KEY INSTRUCTORS			
ID #	LAST NAME	FIRST NAME	RATE
1002	Benjamin	Benjamin	\$5.00
1014	Pierce	Kevin	\$0.01
1111	Buckeye	Ernstson	\$7.50
1123	Ernstson	Colleen	\$10.00

What is the Relationship?

ASSET_SAID	ASSET_ID	ASSET_NM
1	8000	ITL Bldg
2	1006	Environ Lab

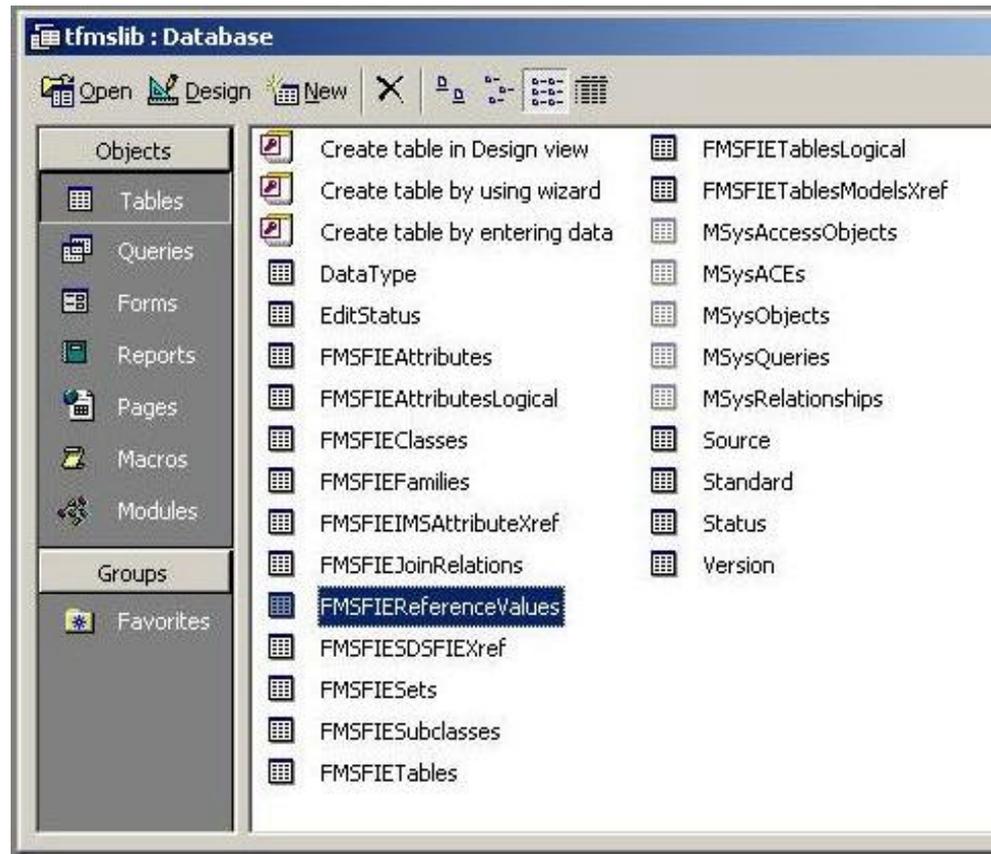


ASSET_SAID	ASSET_ID	INSPECT_DATE
1	8000	12-01-1994
2	1006	4-25-1988
1	8000	7-25-1998

By creating a relationship, information can be linked together and doesn't have to be stored or updated in multiple locations.

Facility Management Standard (FMSFIE) – FMSFIE Data Library

- Updated Annually
- Filename –
tfmslib.mda
- Automatically in
“FMSFIE” folder
under “Program Files”.



FMSFIE Concepts

Pipe



PIPE Table	KEY TYPE
PIPE_SAID	Primary
PIPE_MAT_TYP_SAID	Foreign
PIPE_USE_TYP_SAID	Foreign
PIPE_INSTALL_TYP_SAID	Foreign

SAID = System Assigned Identifier

FMSFIE Concepts

PIPE
PIPE_SAID - PK
PIPE_MAT_TYP_SAID - FK

PIPE_MATERIAL_TYPE_REF		
PIPE_MAT_TYP_SAID – PK	PIPE_MAT_TYP_CD	PIPE_MAT_TYP_NM
1	PVC	Polyvinyl Chloride
2	DUCTILE_IRON	Ductile Iron
3	STEEL	Steel
4	COPPER	Copper

CD = Code (C16 as per SDSFIE)

NM = Name (Common or Long Name)

FMSFIE Concepts

PIPE
PIPE_SAID - PK
PIPE_USE_TYP_SAID - FK

PIPE_USAGE_TYPE_REF		
PIPE_USE_TYP_SAID - PK	PIPE_USE_TYP_CD	PIPE_USE_TYP_NM
1	WATER_MAIN	Water Main
2	SANITARY_SEWER	Sanitary Sewer
3	NATURAL_GAS	Natural Gas
4	BLDG_WATER	Building Water

CD = Code (C16 as per SDSFIE)

NM = Name (Common or Long Name)

FMSFIE Concepts

PIPE
PIPE_SAID - PK
PIPE_INSTALL_TYP_SAID - FK

PIPE_INSTALLATION_TYPE_REF		
PIPE_INSTALL_TYP_SAID - PK	PIPE_INSTALL_TYP _CD	PIPE_INSTALL_TYP _NM
1	UNDERGROUND	Under Ground
2	ABOVE_GROUND	Above Ground
3	BUILDING	Building
4	SUBMERGED	Submerged

What is the FMSFIE Toolbox?

■ Desktop Tools –

- Self-contained Microsoft Visual Basic (32 bit) Applications for Windows Operating Systems.
 - Releases 2.30 & 2.31 (October 2003 & March 2004) – Browser
 - Release 2.40 (October 2004) – Browser & Database Builder
- Install and Run on Personal Computer with Windows Operating System. (Windows 2000 and XP)
- No Additional Software Required.
- Most current Release available for download from
CADD/GIS Technology Center FMSFIE Internet Web Site.

■ Web Browser –

- Web-based Browser developed using Microsoft .NET technology.
 - Release 2.40 (October 2004)

FMSFIE Toolbox – Desktop Tools

- **Desktop Browser:**

- Provides tool for viewing & printing the various components of the Data Standard. (Releases 2.30, 2.31, & 2.40)

- **Desktop Access Database Builder:**

- Provides a tool for building FMSFIE compliant Microsoft Access 2000 database tables, complete with the relational joins between tables. (Release 2.40)

- **Desktop Transactional Database Builder:**

- Provides a tool for building FMSFIE Compliant Oracle and Microsoft SQL Server databases. (Release 2.40)

FMSFIE Toolbox – Beta Release 2.40 Desktop Browser

FMSFIE Transactional Facility Management Standard Browser/Printer

Configure Find View Print Strategy Help

Entity Set:

Entity Classes:

Table Physical Name: **ASSET**

- ASSET_CLASS_REF
- ASSET_OBJECT_PARAMETER
- ASSET_PERSON_OBJECT_MILESTONE
- CATEGORY_CODE_REF
- COLOR_REF
- COLOR_TYPE_REF
- CONSTANT_FACTOR
- CONTROL_NUMBER_TYPE_REF
- DATA_LINK_TYPE_REF
- DOD_BASIC_CATEGORY_CODE_REF
- DOD_CATEGORY_GROUP_REF
- DOD_FAC_CODE_MEASURE_XREF
- DOD_FAC_ANALYSIS_CAT_CD_REF
- EVENT_TYPE_REF
- FEATURE_TYPE_REF
- FREQUENCY_CODE_REF
- GEOGRAPHIC_LOCATION_REF

Entity Set: Entity Class:

Sub-Class: Family:

Information Model Code:

Definition: This table contains information about federal real property and other related entities based on their classification and need to support organizational requirements.

ASSET Attributes

- ASSET_SAID
- ASSET_NM**
- ASSET_DESC_TX
- ASSET_ID
- ASSET_CLASSFN_SAID
- ASSET_CLASSFN_IL_SAID
- PROPERTY_RECORD_NO
- CAT_CODE_SAID
- OWNERSHIP_SAID
- PRI_ORG_SAID
- READNS_RTG_SAID

Data Type: Length:

Key Type:

Links to:

Definition: A unique identifying name and/or number assigned to the subject item

Relates to:

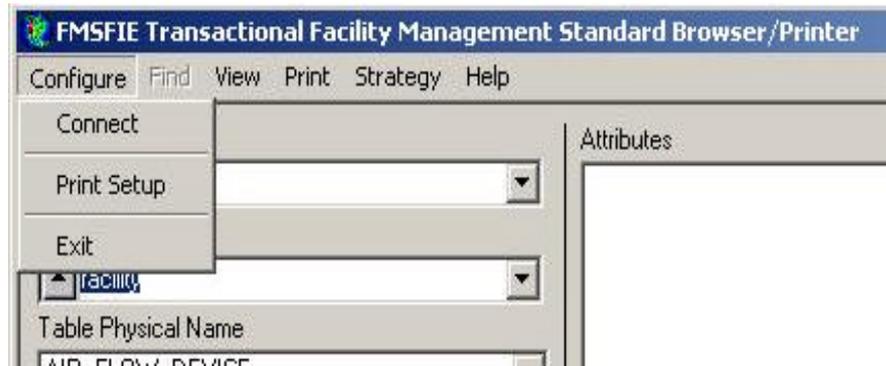
- ASSET_CLASS_REF
- CATEGORY_CODE_REF
- OWNERSHIP_REF
- READINESS_RATING_REF

No Sample Reference Values

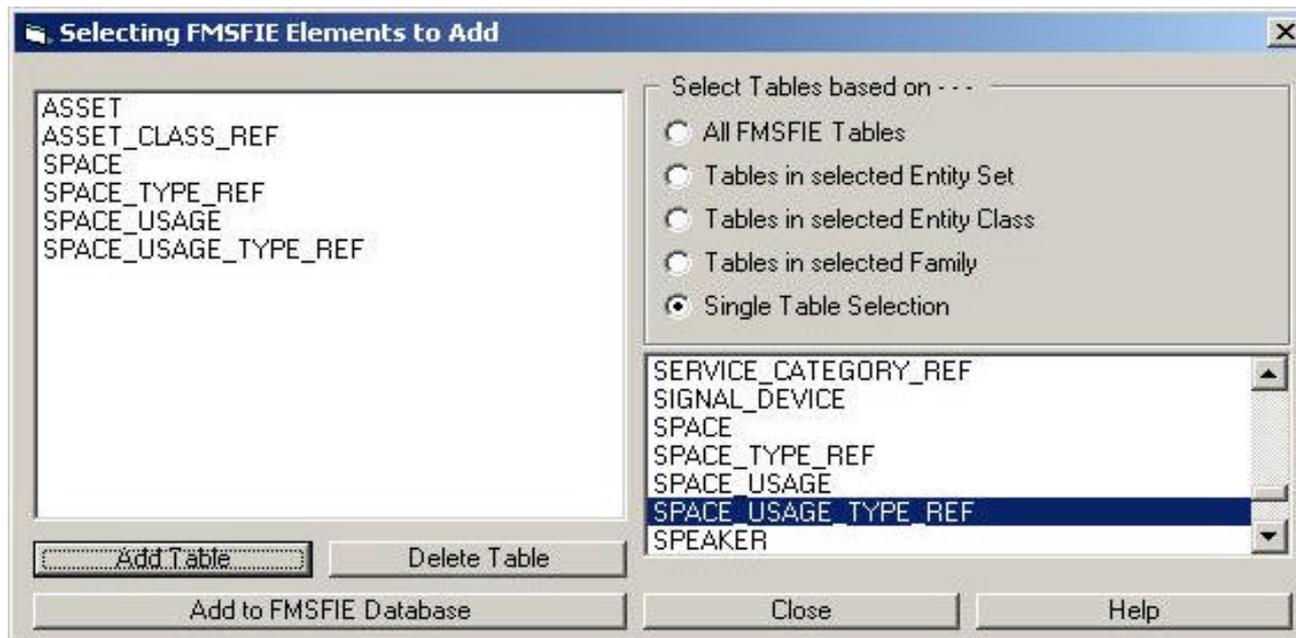
FMSFIE Toolbox –Desktop Tools

Library Connection:

- Make sure you are connected to most current FMSFIE Library.
- Select “Connect” from “Configure” Menu.
- Browse to Folder containing most current FMSFIE Release.



FMSFIE Toolbox – Beta Release 2.40 Desktop Access Database Builder



QUESTIONS?

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