

## **Dimensional Entity Dictionary (DED)**

### **1. Business Entity Contact (bec)**

Definition: Stores contact information specific to a business entity, such as email, phone, or primary contact details.

Main Table Types:

- Dimension Table (t\_bec\_dim): Contains basic information about each contact person or department within a business entity.

### **2. Business Entity (be)**

Definition: Represents the primary business or organization in the system, uniquely identifying it for tracking services and interactions.

Main Table Types:

- Dimension Table (t\_be\_dim): Contains high-level information about each business, such as name, registration, and unique identifier.
- Fact Table (t\_be\_fact): Captures transaction-level data, such as services requested or completed, with links to other tables for comprehensive analysis.

### **3. Business Entity Address (bea)**

Definition: Links business entities to their addresses, handling multiple locations or branches as needed.

Main Table Types:

- Bridge Dimension (t\_bea\_bridge): Connects business entities with multiple address records, allowing flexibility in address assignments.
- Dimension Table (t\_bea\_dim): Stores detailed address information for each business location or branch.

### **4. Address (addr)**

Definition: Contains details of physical locations, including street address, city, state, and postal code.

Main Table Types:

- Dimension Table (t\_addr\_dim): Provides standardized address details for consistent use across multiple entities.

### **5. Address Type (addr\_type)**

Definition: Defines the type of address, such as residential, commercial, billing, or shipping, associated with a business entity.

Main Table Types:

- Dimension Table (t\_addr\_type\_dim): Lists possible address types to support flexibility in identifying address functions.