XBRL Corporate Actions Taxonomy
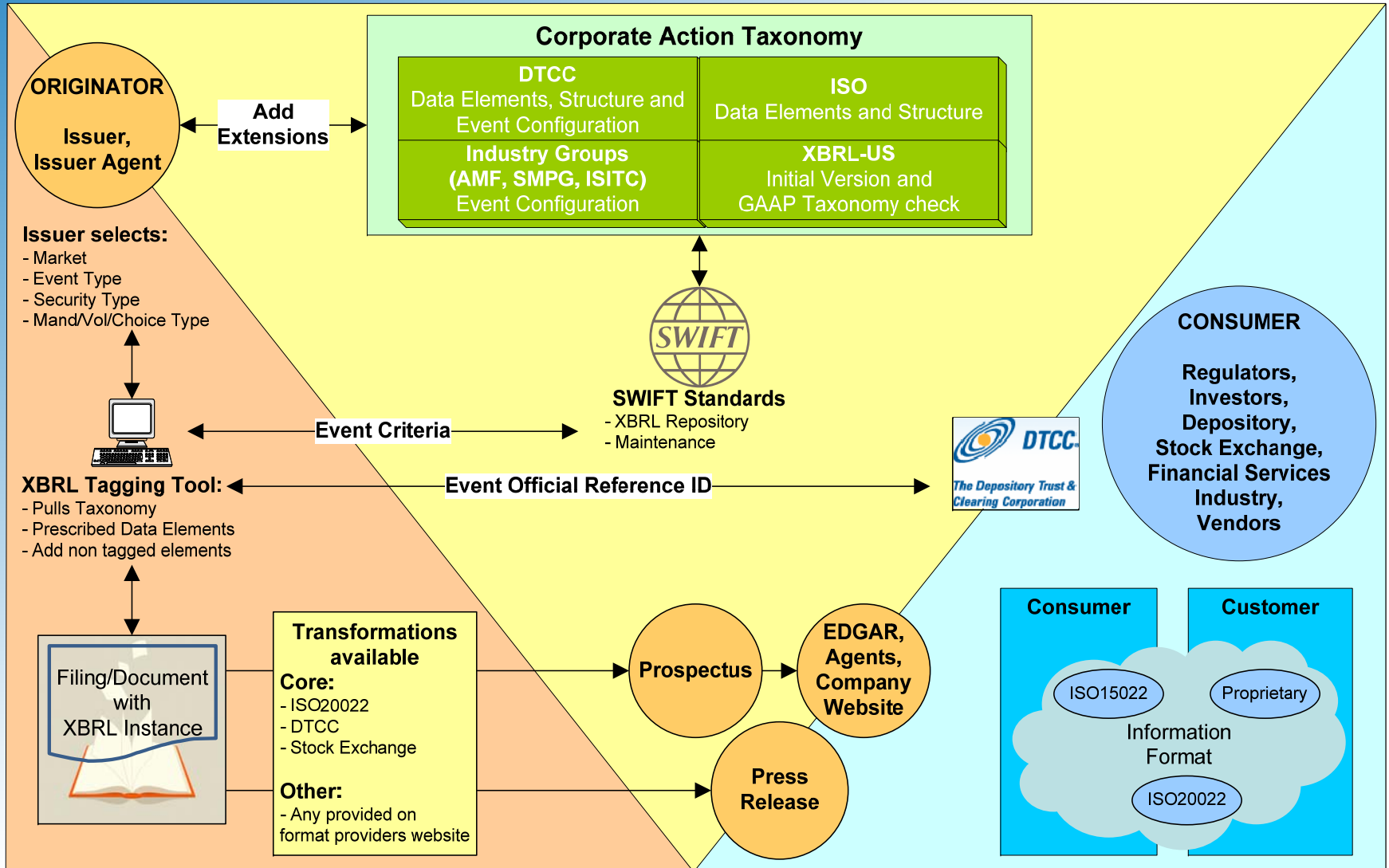
Prototype Demo (DRAFT)

Prototype Goals

- Demonstrate feasibility of a Corporate Actions Taxonomy in an XBRL format.

- Evaluate XBRL as a mechanism to capture corporate action data originating from an issuer.

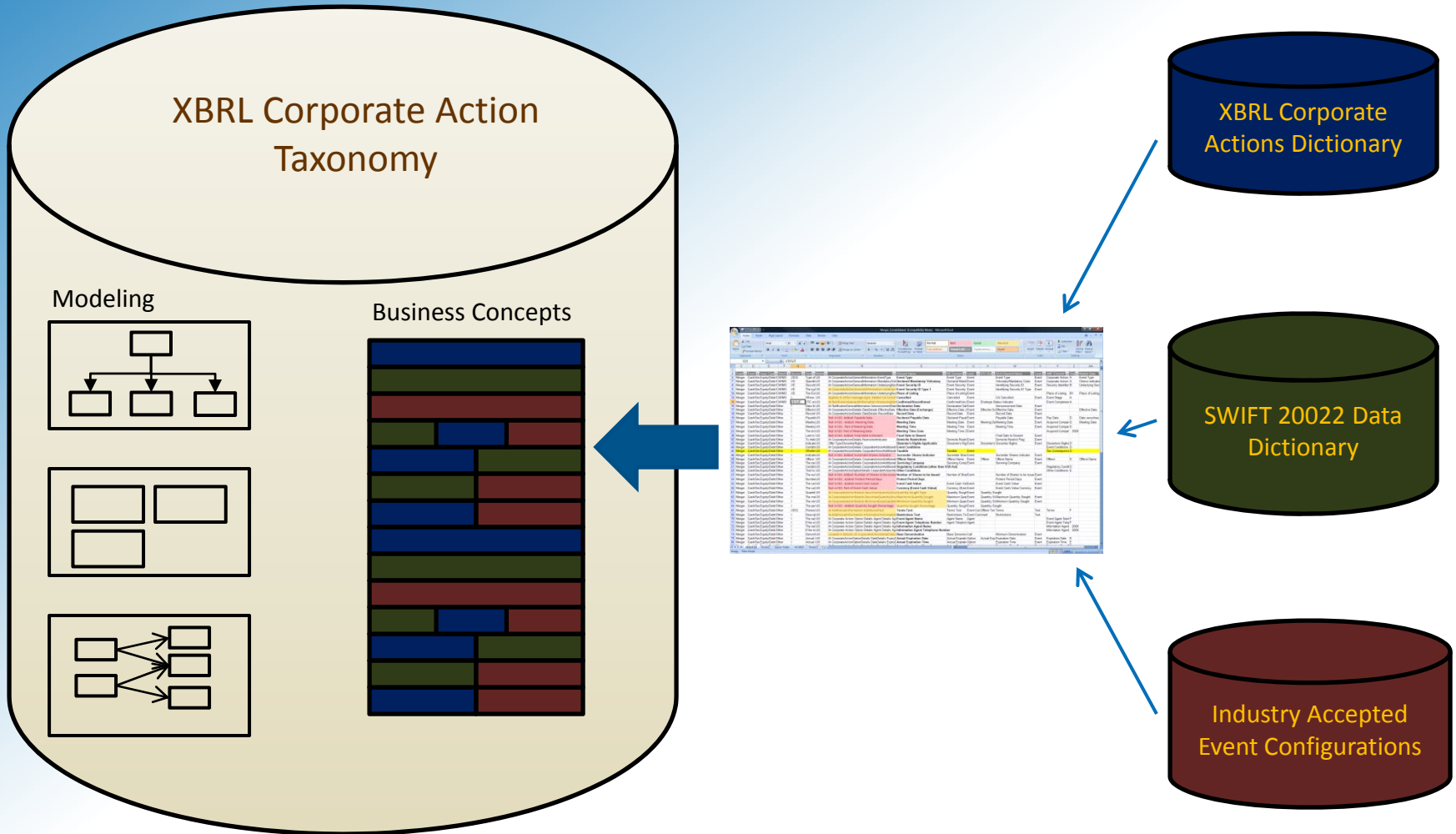- Identify areas for improvement in vendor tools.

Prototype Deliverables & Scope

- XBRL Corporate Actions Taxonomy for Issuers

- Map to ISO 20022 corporate actions schema

- Mapping Software

- Example Taxonomy Entry Portal

- The prototype laid the framework for all corporate actions.

- The prototype focuses on Mergers based on cash payments and securities issuance.

Issuer Tagging Flow for a U.S. Corporate Action Event

Corporate Action Taxonomy

DTCC Data Elements, Structure and Event Configuration	ISO Data Elements and Structure
Industry Groups (AMF, SMPG, ISITC) Event Configuration	XBRL-US Initial Version and GAAP Taxonomy check

ORIGINATOR

Issuer, Issuer Agent

Add Extensions

Issuer selects:
- Market
- Event Type
- Security Type
- Mand/Vol/Choice Type

SWIFT

SWIFT Standards
- XBRL Repository
- Maintenance

Event Criteria

XBRL Tagging Tool:
- Pulls Taxonomy
- Prescribed Data Elements
- Add non tagged elements

Event Official Reference ID

DTCC The Depository Trust & Clearing Corporation

CONSUMER

Regulators, Investors, Depository, Stock Exchange, Financial Services Industry, Vendors

Filing/Document with XBRL Instance

Transformations available

Core:
- ISO20022
- DTCC
- Stock Exchange

Other:
- Any provided on format providers website

Prospectus

EDGAR, Agents, Company Website

Press Release

Consumer

Customer

ISO15022

Proprietary

Information Format

ISO20022

Taxonomy Structure

Design Principles

- All meta-data is in the taxonomy
  - Issuer Taxonomy
  - ISO 20022 Corporate Actions Notification Message Schema
  - Mapping Logic
- Issuers will only see a subset of the Taxonomy
  - Only present what is relevant to the Issuer
- Create concise definitions that allows any issuer to tag a document.

Issuer Tagging Process

 Identify Corporate Action Type

 Tag the Corporate Action Data

 Create the XBRL Data File & Automatically Validate

 Disseminate the XBRL Data File

What is the Industry Process?

Process the XBRL Data File

Act on the Message

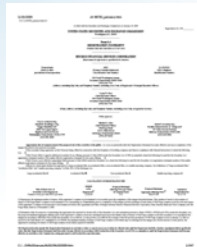# Demo

- Source Documents

8K   8K   8K   S4   S4

- [Event Type and Taxonomy Entry Point](#)

- Universal Unique Identifier (UUID)

- [Tagging Tool](#)

- Generate Completed Document

- View in Another Tool

- Convert to ISO 20022

XBRL US is the national consortium for XML business reporting standards, building a more transparent market.

Corporate Actions Taxonomy - Issuer Portal

Country where Corporate Actions will take place: [United States ▾]

Security Issue Type   [Debt ▾]

Corporate Action Event Type

            Currently Selected: **Cash and Securities Merger**

⊟ All Event Types
⊞ Bankruptcy
⊞ Calls
⊞ Change
Class Action
⊞ Consent
⊞ Conversion
⊞ Default
⊞ Distribution
⊞ Exchange
Final Paydown
General Information
⊞ Interest
⊞ Liquidation
Maturity

Elections

    ○ Security Holder Action is not Required

    ⊙ Security Holder Action is Requested with Default
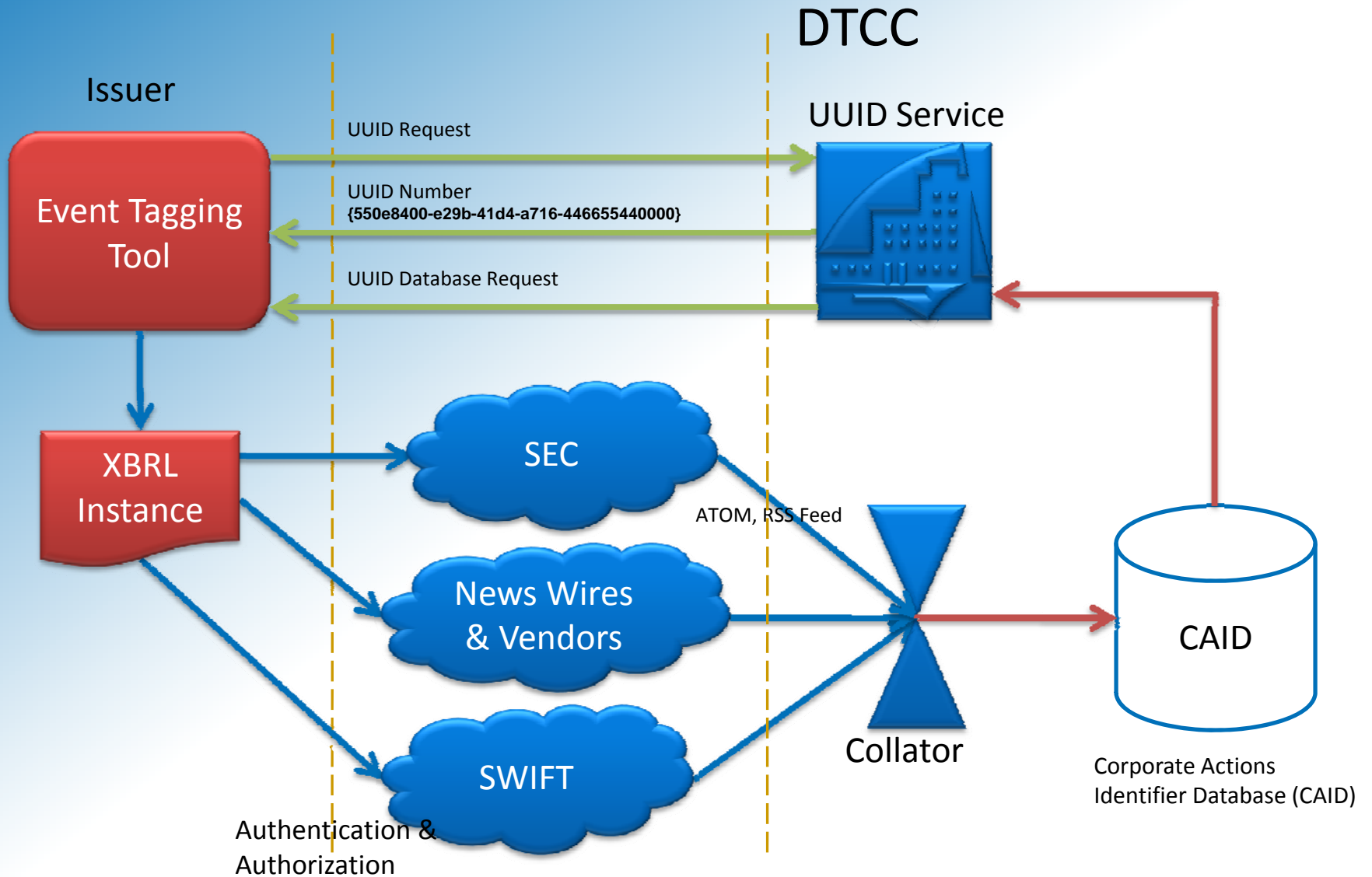
[Submit]

Corporate Action Event Identification Number: 550e8400-e29b-41d4-a716-446655440000

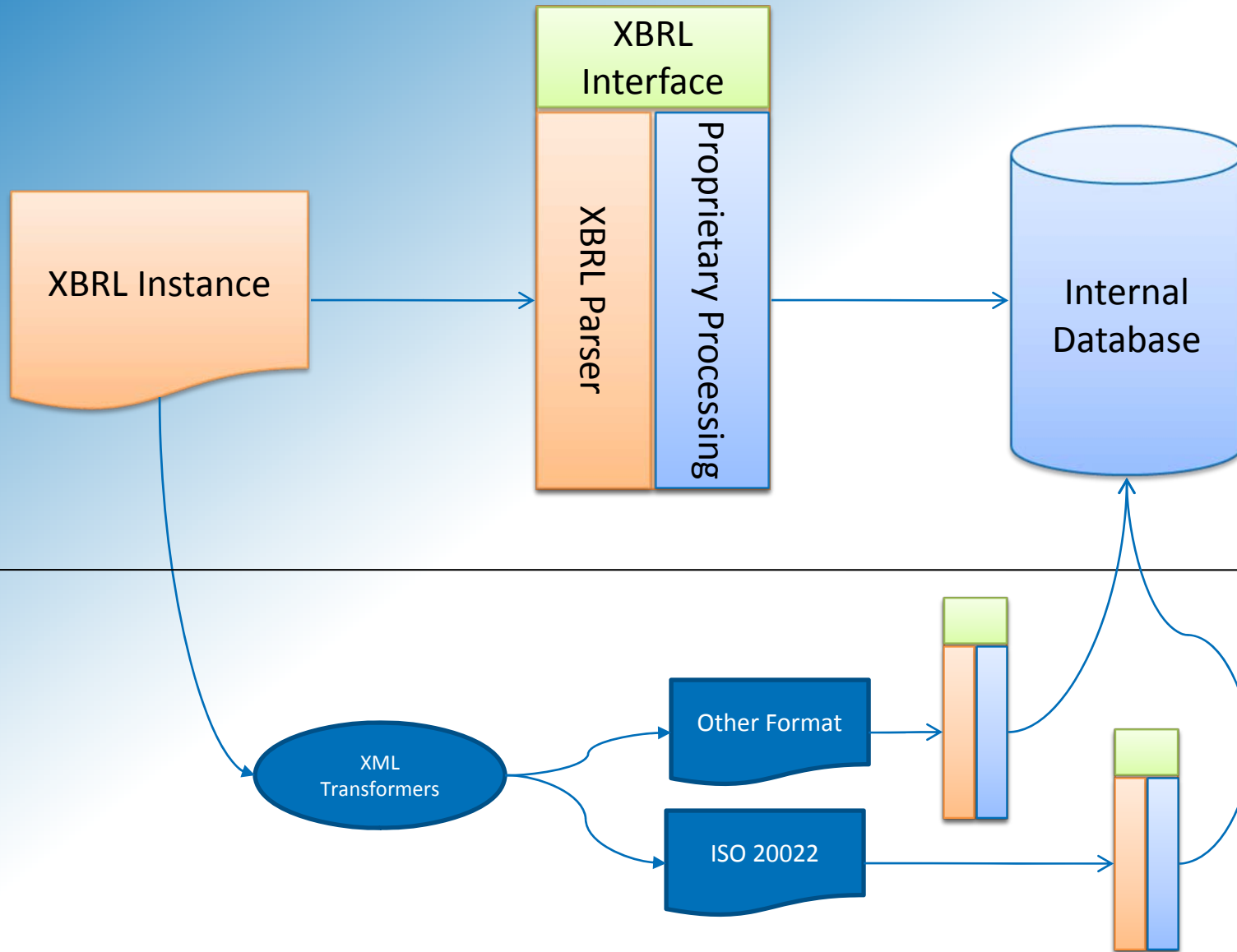Instance Document: ca-550e8400-e29b-41d4-a716-446655440000.xbrl

Corporate Action Taxonomy Entry Point:
http://taxonomies.xbrl.us/dtcc/US/Debt/CashSecurityMrgr/Choice/ca-ent-US-Debt-CashSecurityMrgr-Choice.xsd
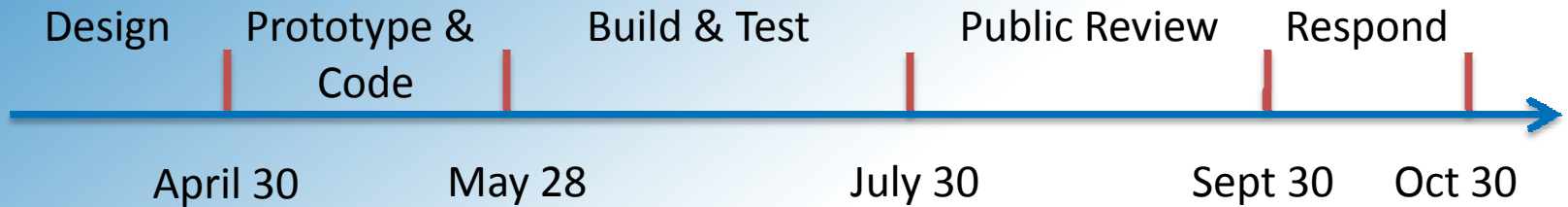
UUID Process

DTCC

Issuer

UUID Service

UUID Request

UUID Number
{550e8400-e29b-41d4-a716-446655440000}

UUID Database Request

Event Tagging Tool

XBRL Instance

SEC

ATOM, RSS Feed

News Wires & Vendors

SWIFT

Collator

CAID

Corporate Actions Identifier Database (CAID)

Authentication & Authorization

XBRL Instance

XBRL Instance

XBRL Interface

XBRL Parser

Proprietary Processing

Internal Database

XML Transformers

Other Format

ISO 20022

Next Steps

- Build-out all filters for corporate action events
- Expand mapping logic for all events
- Create event specific element labels
- Test Taxonomy with historical messages
- Build Sample Instances
- Work with Issuers to ensure that the taxonomy is easy to use.
- Build UUID Issuance Service
- Public Review

Timeline

Design　　Prototype &　　Build & Test　　Public Review　　Respond
　　　　　　Code

April 30　　　May 28　　　　July 30　　　Sept 30　　Oct 30

•April 30　　　　　　　　　　Design Document
• April, May　　　　　　　　Build Taxonomy
• May 28th　　　　　　　　　Demo for the Conference (Mergers)
• June　　　　　　　　　　　Build Taxonomy for Additional Actions
•July　　　　　　　　　　　　Testing (Samples), Documentation
•August, September　　　　Public Review
• October　　　　　　　　　Comment Response, Release Preparation
• October 30　　　　　　　　Public Release