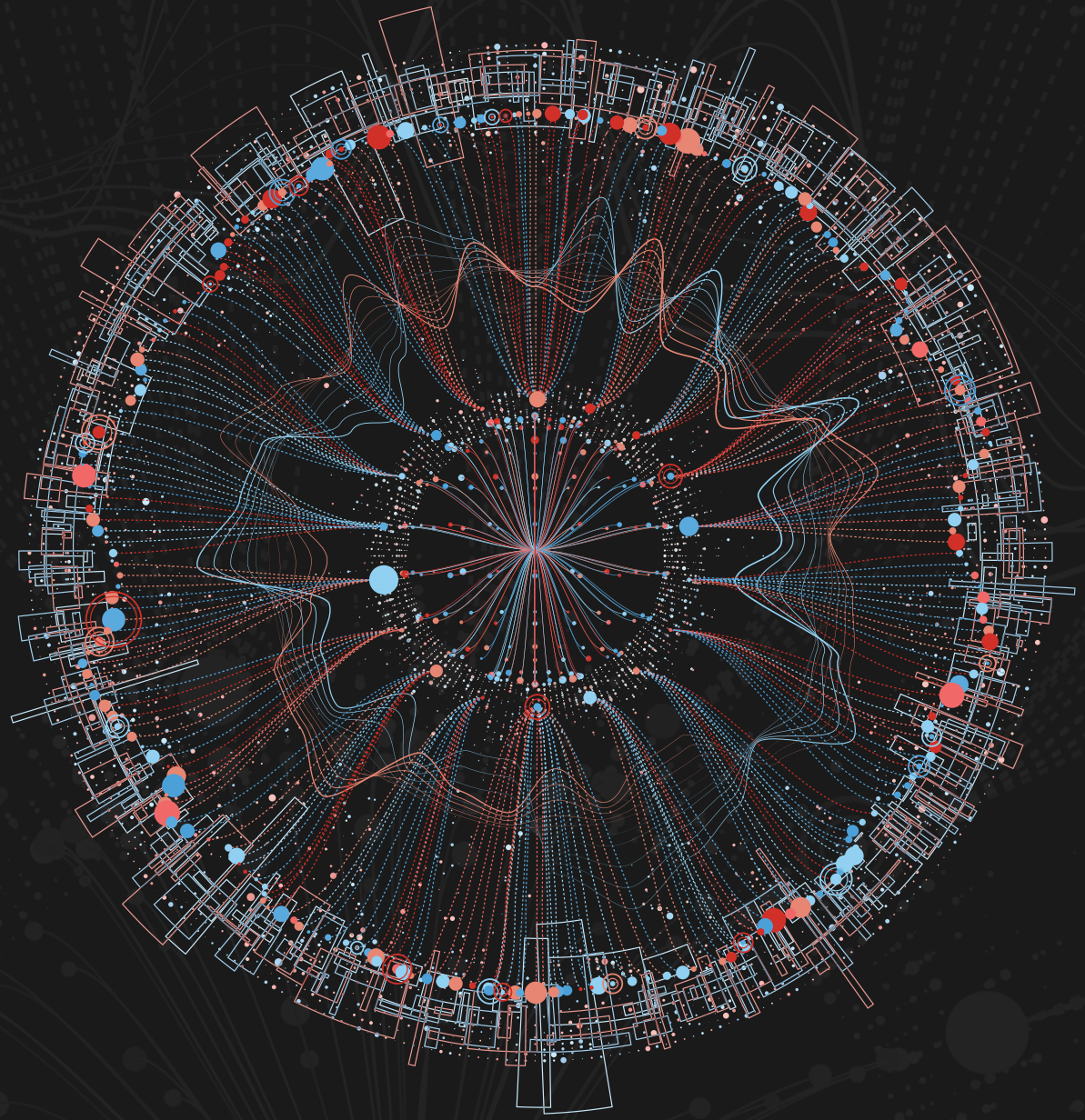

Modernization
of the U.S. Copyright Office

MAY 30, 2019

The webinar will begin promptly at 12:00 noon eastern time

Copyright
United States Copyright Office

SUBMITTING QUESTIONS

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To submit a question, use the Q&A dialog box in the lower right corner. You may submit a question during any portion of this webinar; however, questions will be answered at the end of the presentation.

Please note: we may not be able to answer all questions received in the allotted time. Thank you.

INTRODUCTION

Karyn A. Temple

Register of Copyrights and
Director of the United States
Copyright Office

copyright.gov/reports/strategic-plan

DATA MANAGEMENT AND THE STRATEGIC PLAN

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Sarah Garske

Program Analyst

Information Technology Modernization

Optimizing Business Processes

Measuring Success

DATA MANAGEMENT SECTION

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Suman Shukla

Data Management
Section Head

Data Management Plan

- Defines standards and processes for Office data assets to promote a user friendly environment.
- Seeks to identify the vulnerabilities in the Office's current data structure and make copyright data digitally enabled.
- Creates data standards that foster how data is collected, stored, and analyzed for making data-driven decisions.

WHAT IS DATA MANAGEMENT?

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Data Management Services

1. Data Governance
2. Data Quality
3. Digital Asset Management
4. Data Warehousing/Business Intelligence
5. Data Architecture Management Process

DATA GOVERNANCE

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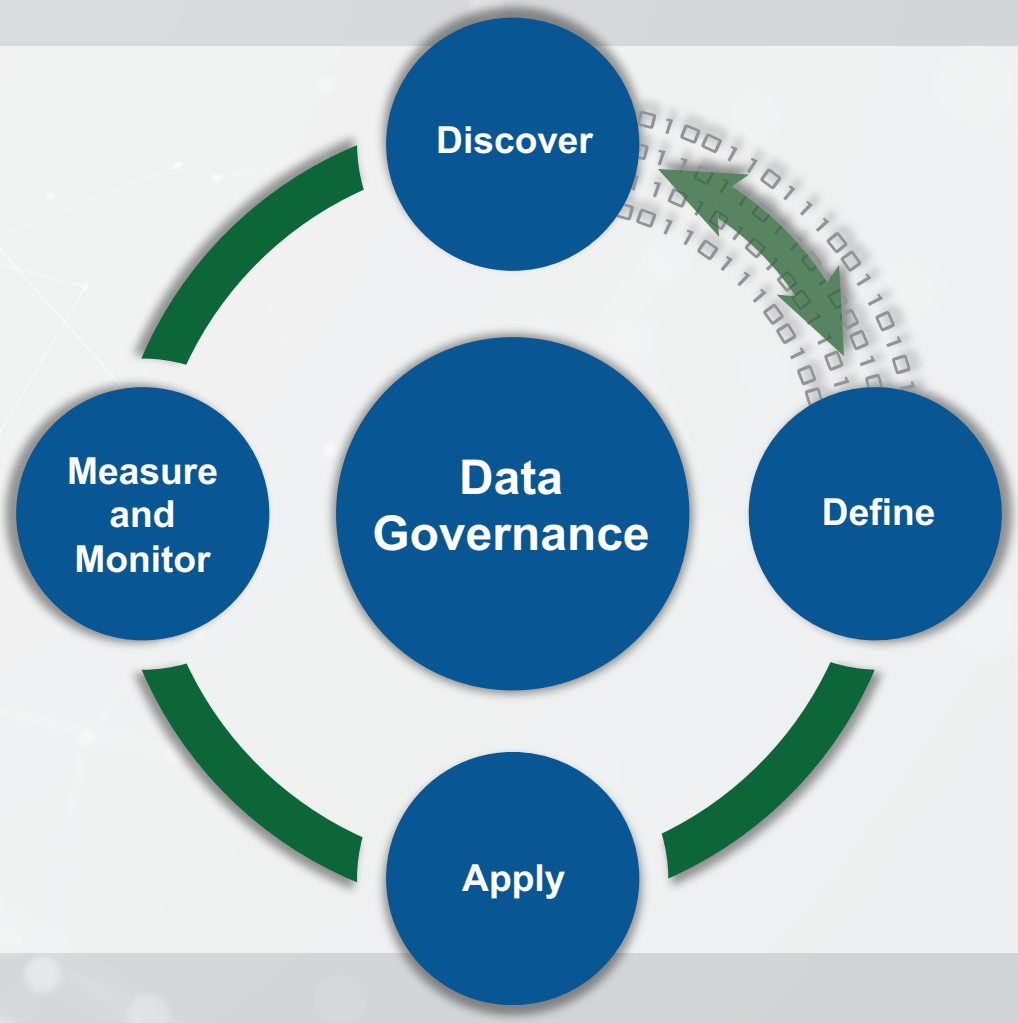
Data Governance

Discover
Data discovery
Data profiling
Data inventories
Process inventories
CRUD analysis
Capabilities assessment

Measure and Monitor
Proactive monitoring
Operational dashboards
- Reactive operational DQ audits
- Dashboard monitoring audits

Data lineage analysis
Program performance
Business value/ROI



Define
Business glossary creation
Data classifications
Data relationships
Reference data
Business rules
Data governance policies
Other dependent policies
Key performance indicators

Apply
Automated rules
Manual rules
End to end workflows
Business/IT collaboration

DATA QUALITY

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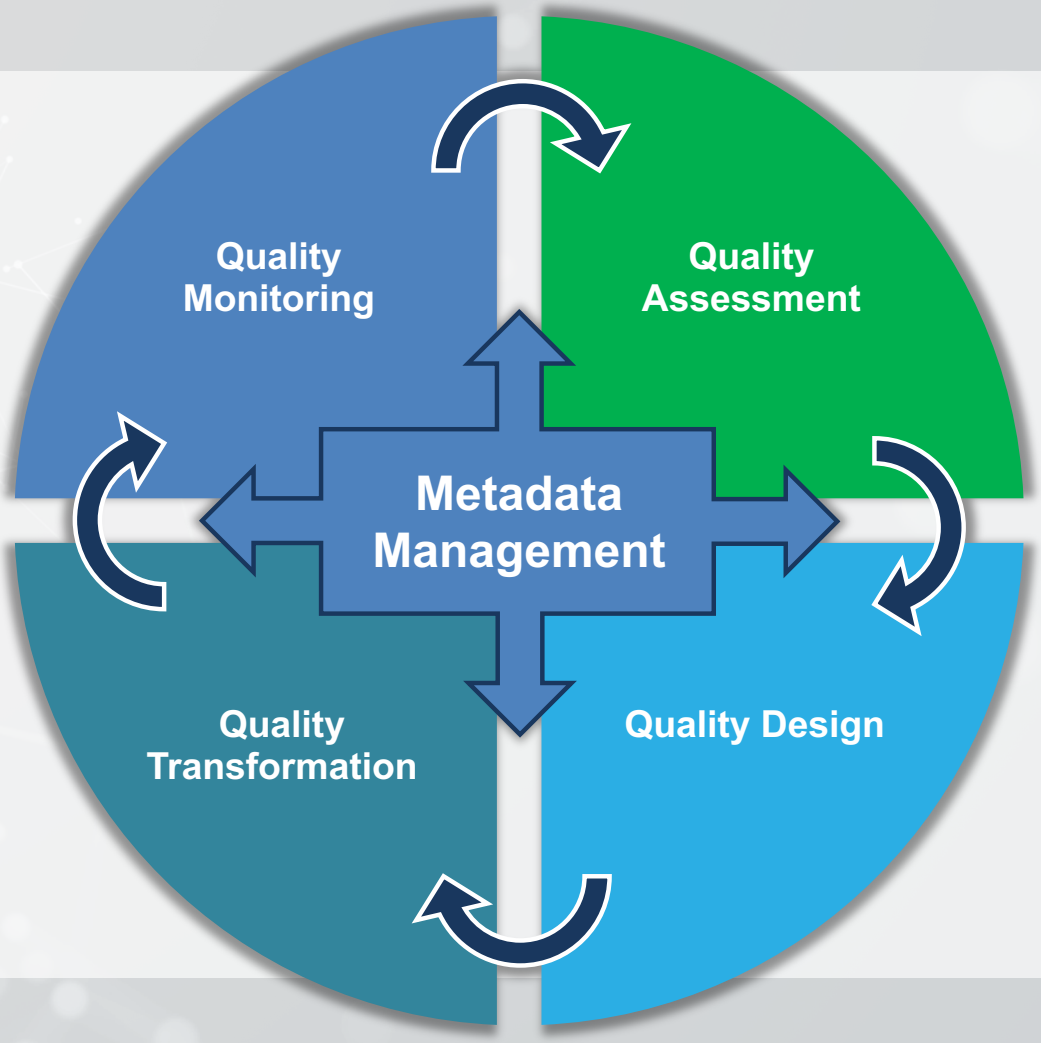
Data Quality



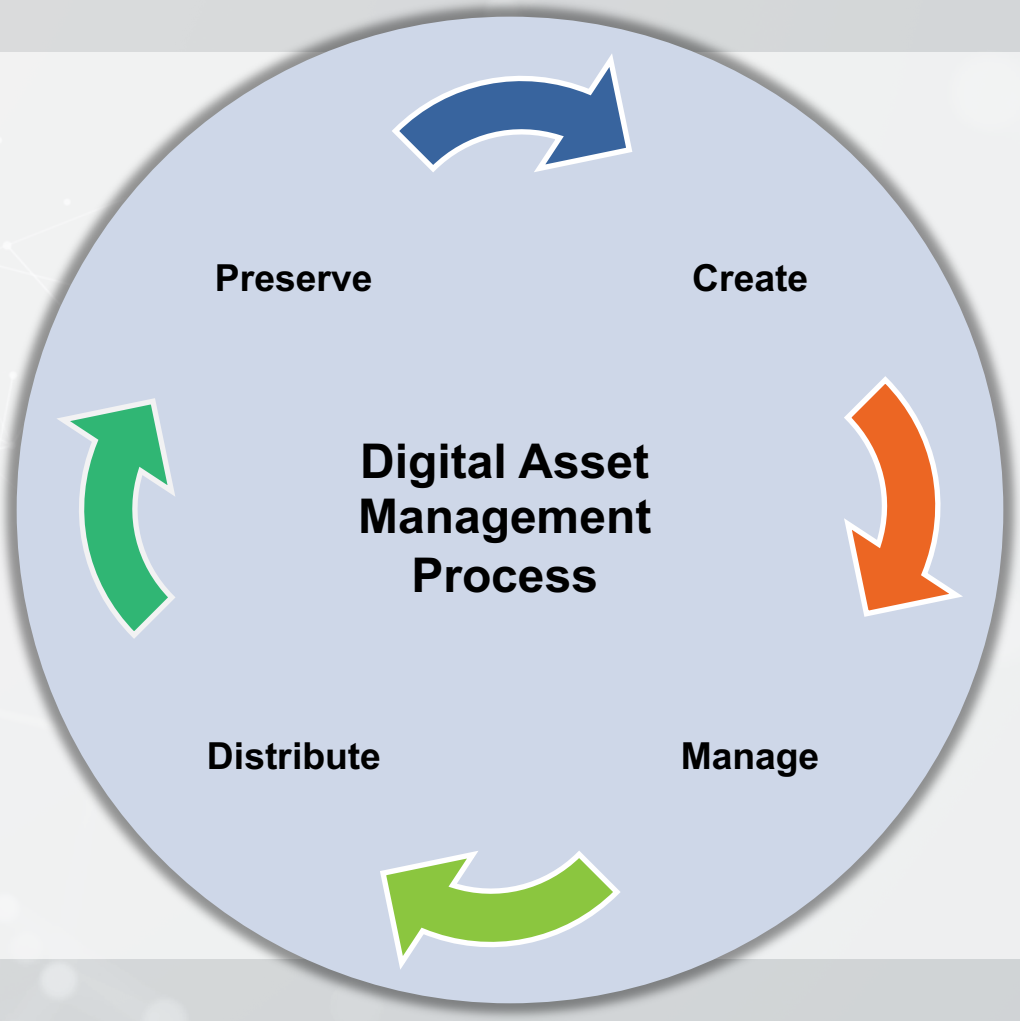
Quality Monitoring
Monitor
Examine data

Quality Assessment
Capture metadata
Profile data

Quality Transformation
Process flow
Execute

Quality Design
Data rules
Data flow

DIGITAL ASSET MANAGEMENT PROCESS



DATA WAREHOUSE AND BUSINESS INTELLIGENCE PROCESS

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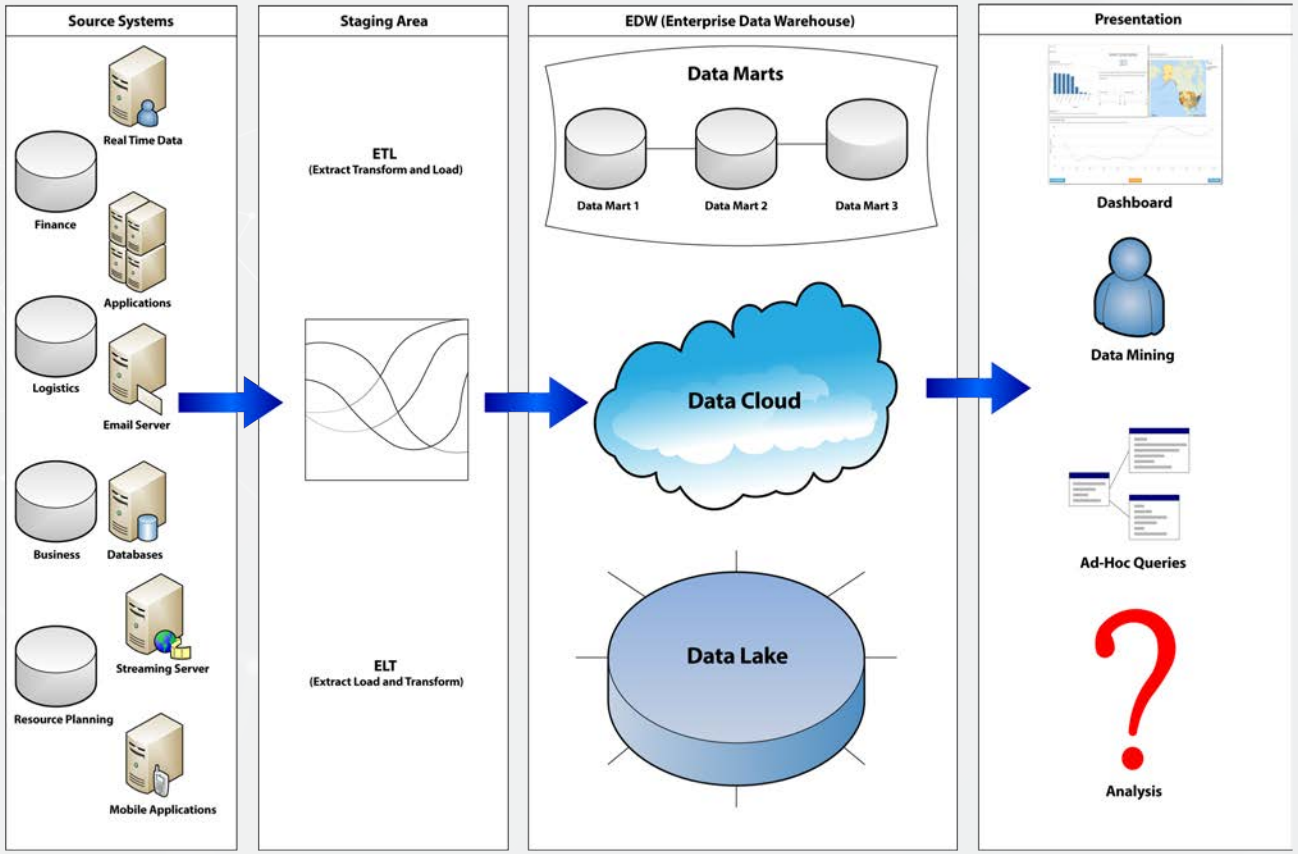

DATA ARCHITECTURE MANAGEMENT PROCESS

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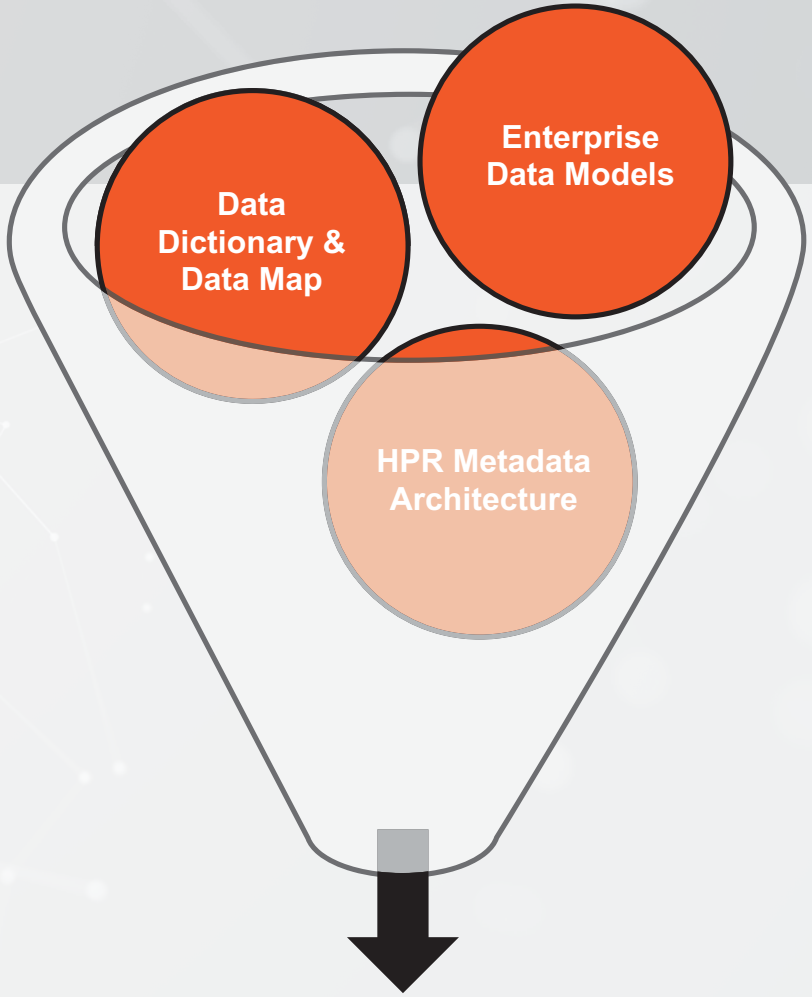
Data Management Strategies



Data Requirements for the Enterprise Copyright System

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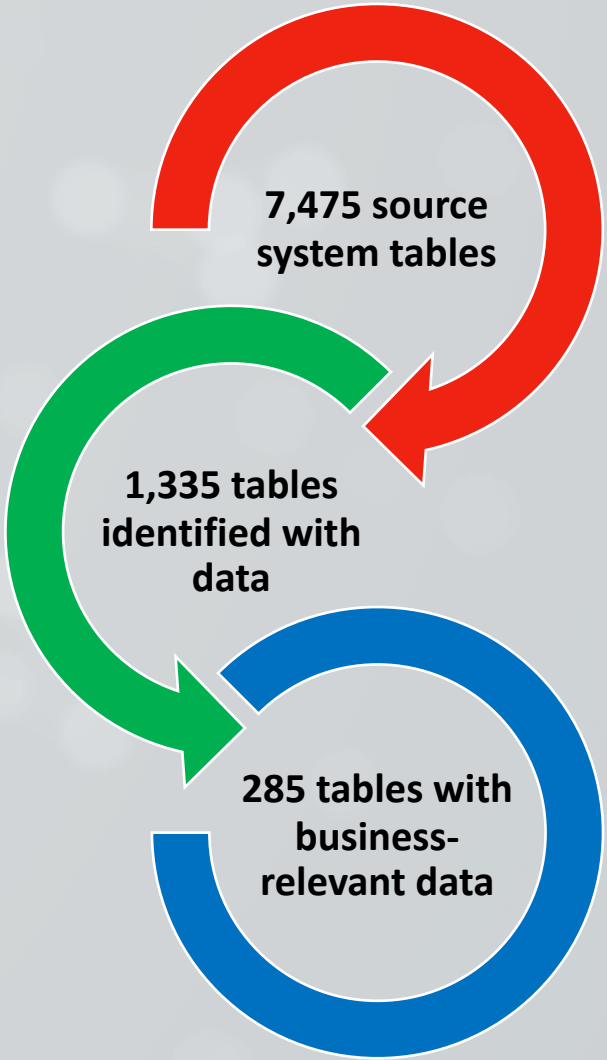
18+ databases analyzed and mapped



COPYRIGHT REGISTRATION FLOW

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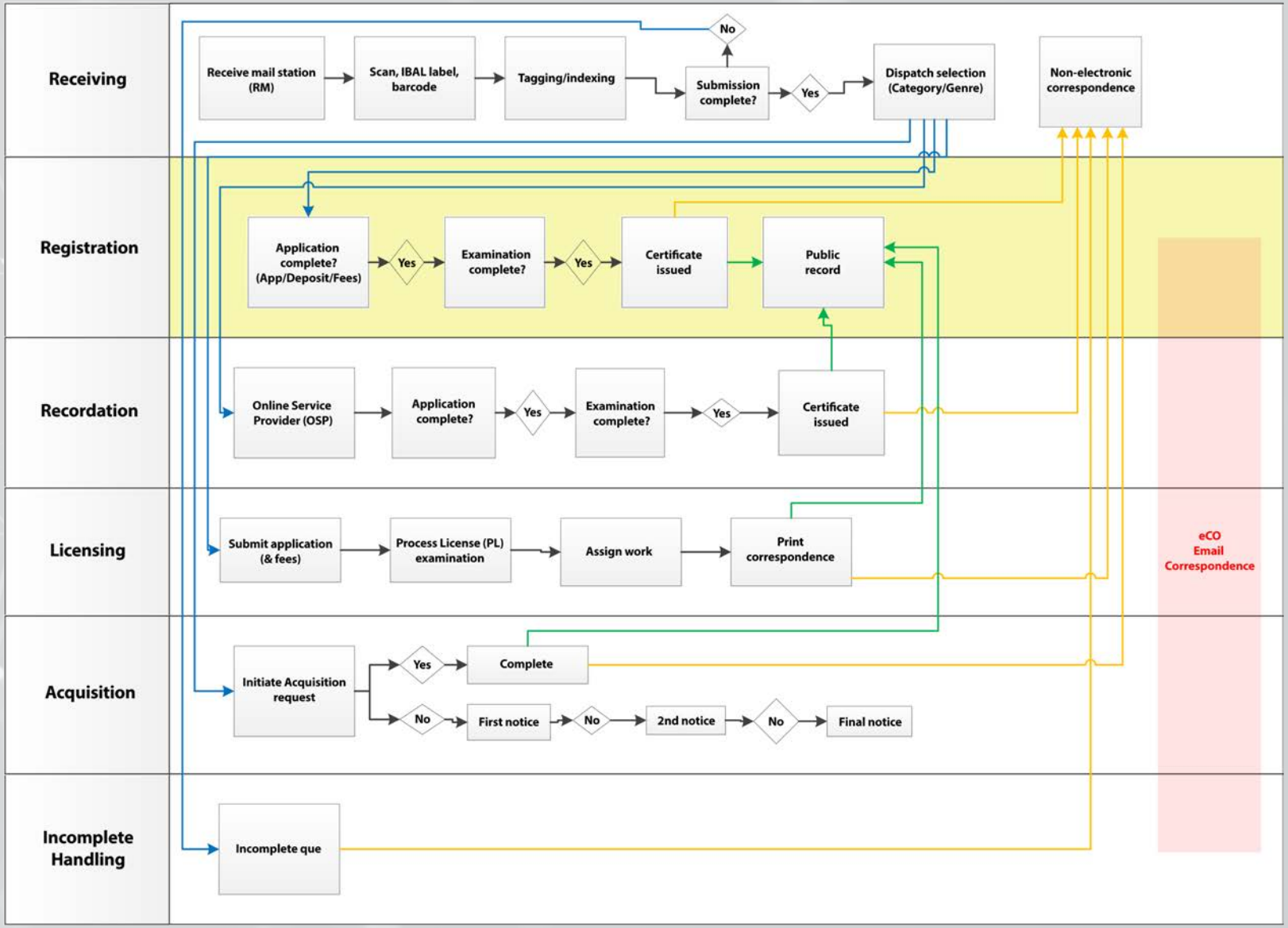

COPYRIGHT BUSINESS ARCHITECTURE

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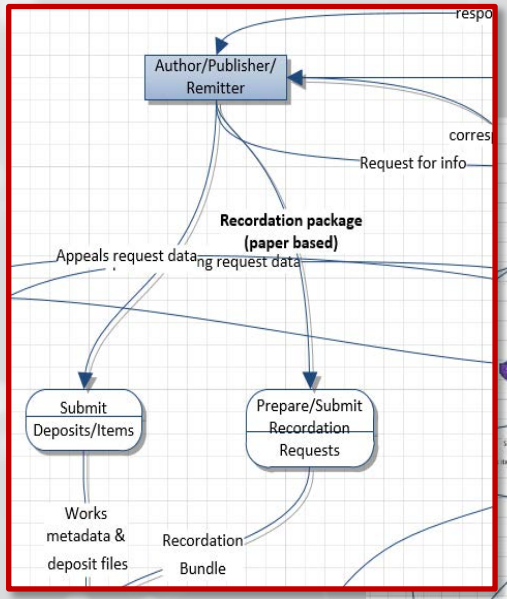

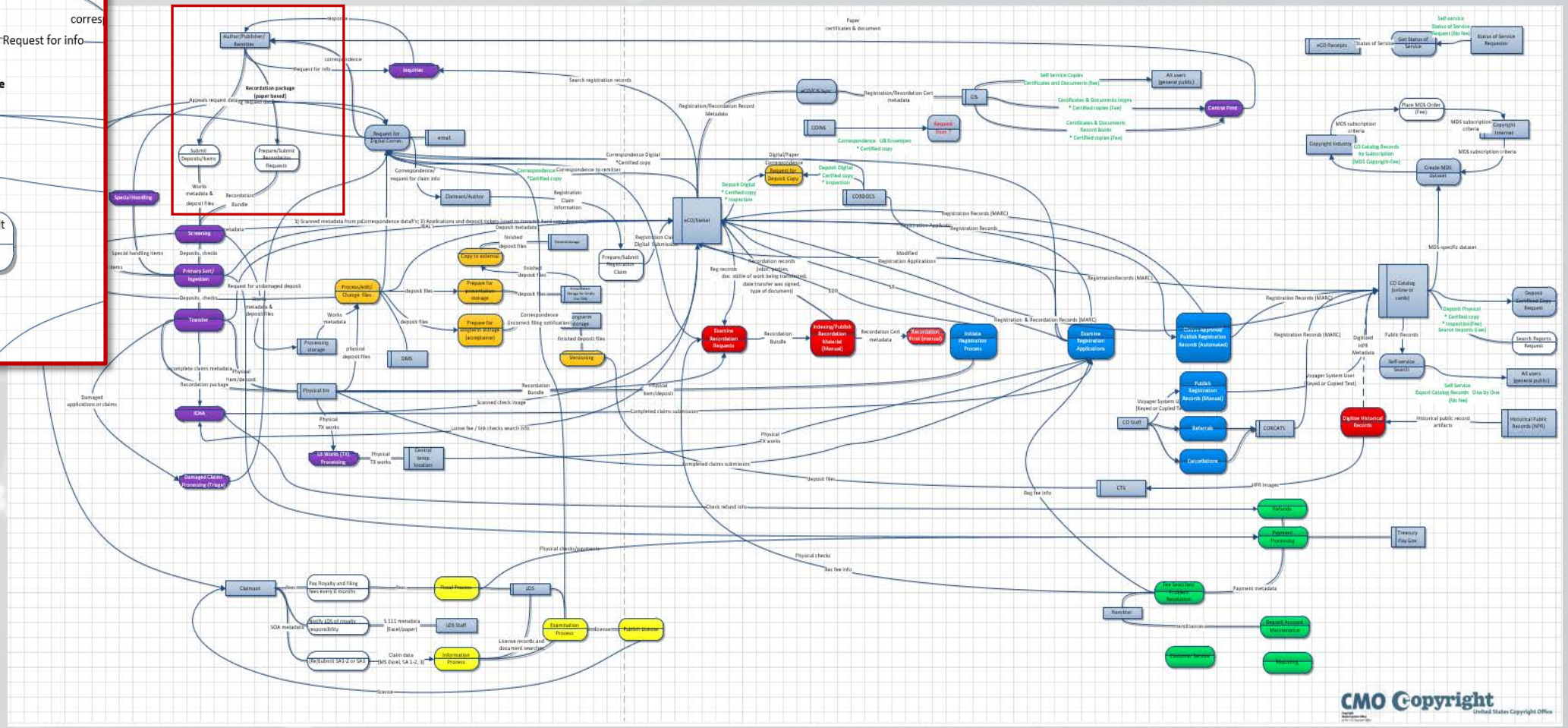

ENTERPRISE DATA MODEL

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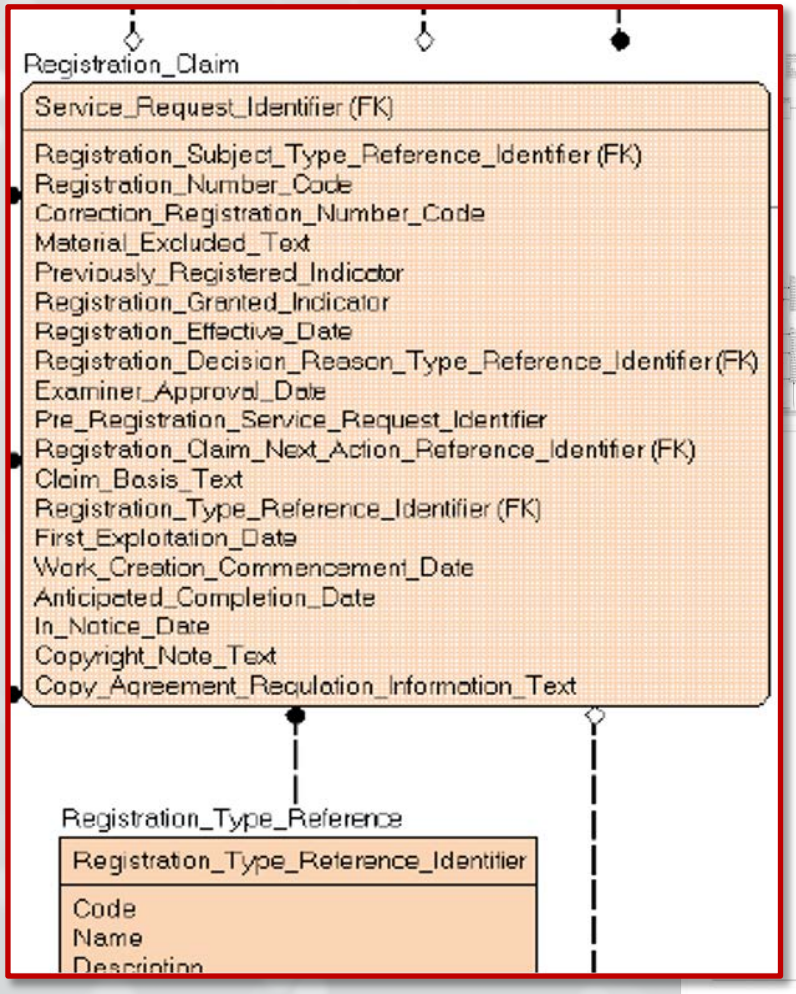

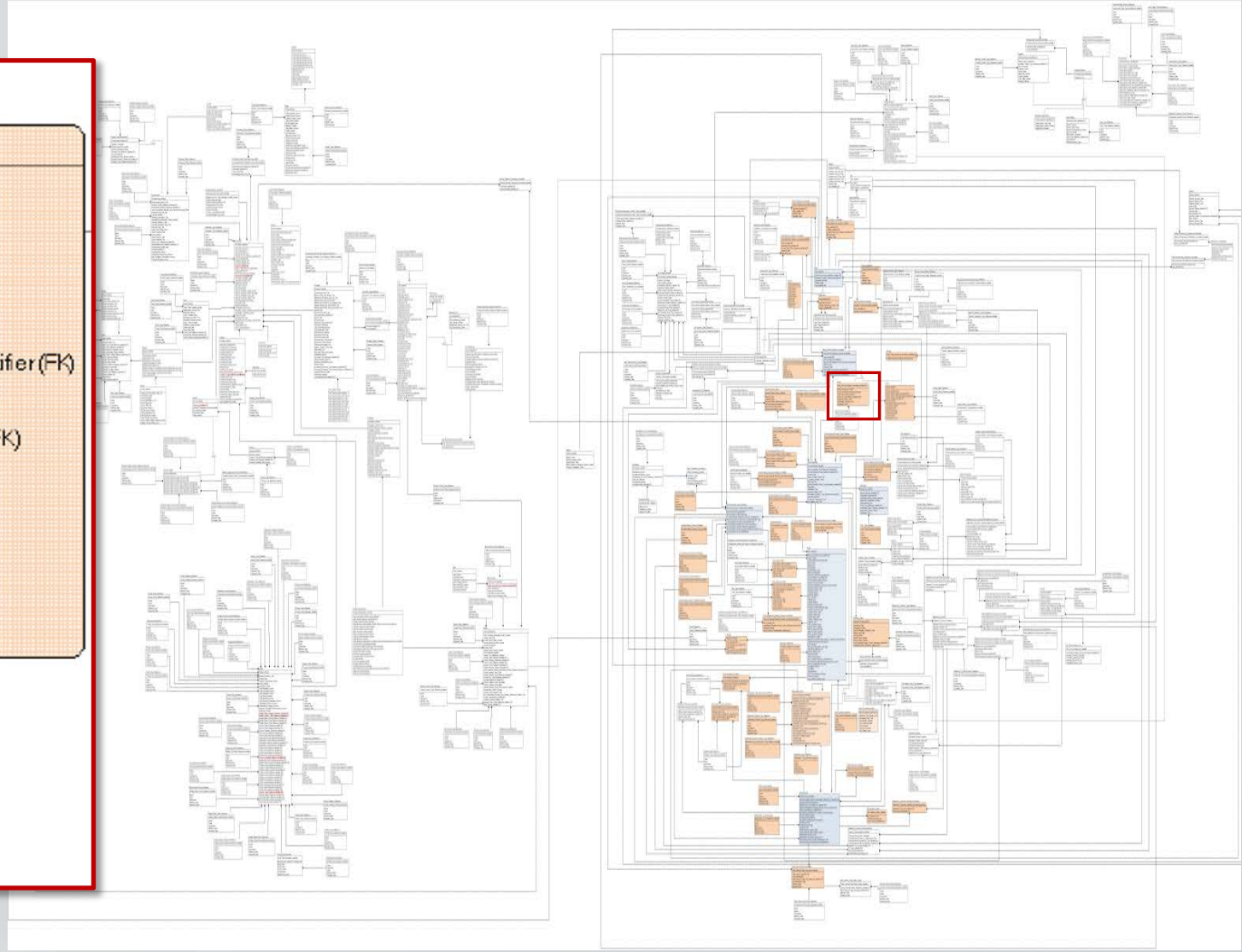

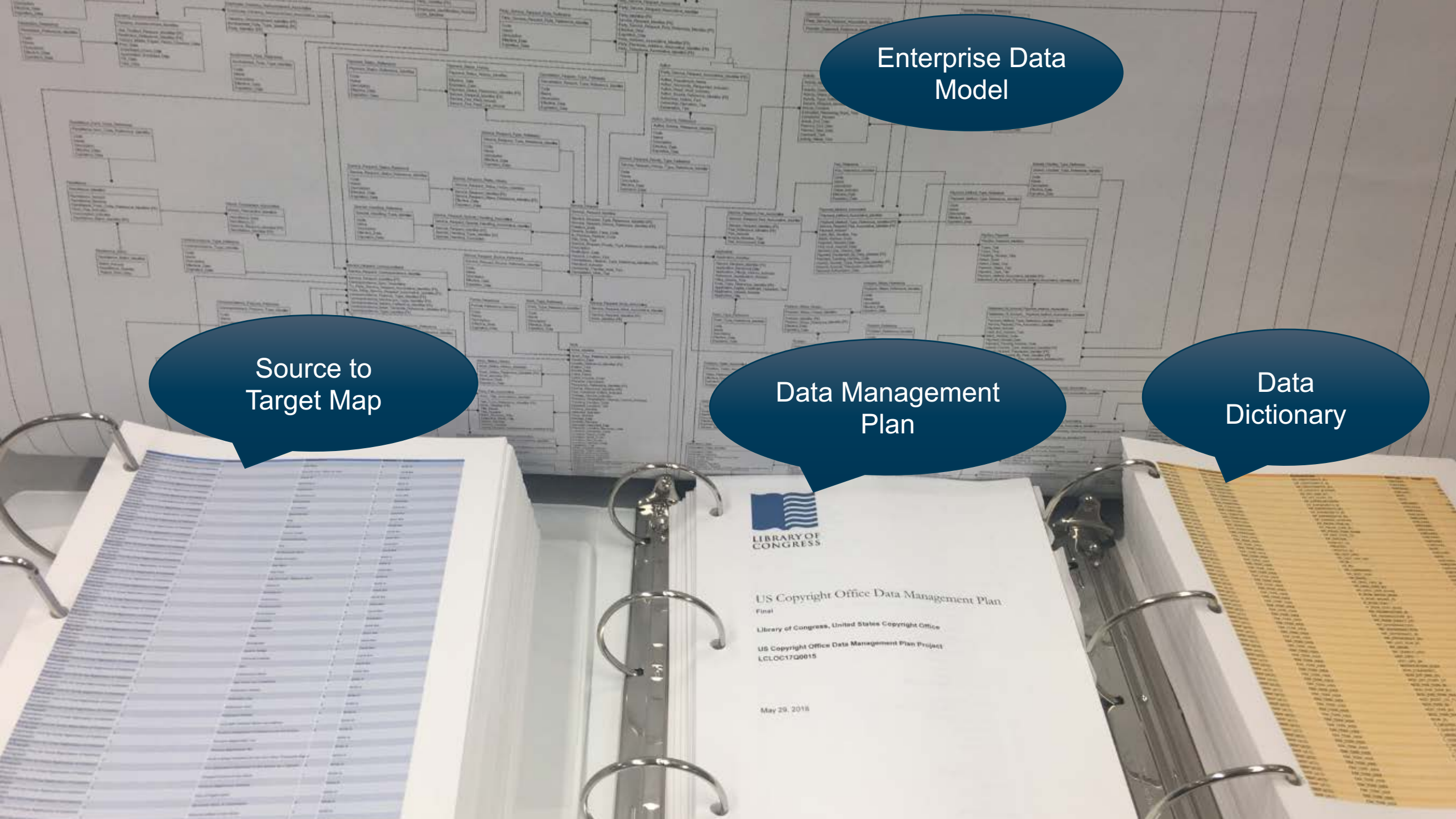
Enterprise Data Model
Source to Target Map
Data Management Plan
Data Dictionary
LIBRARY OF CONGRESS
US Copyright Office Data Management Plan
Final
Library of Congress, United States Copyright Office
US Copyright Office Data Management Plan Project
LCLOC17Q0015
May 29, 2018

EXAMPLE REPORTS

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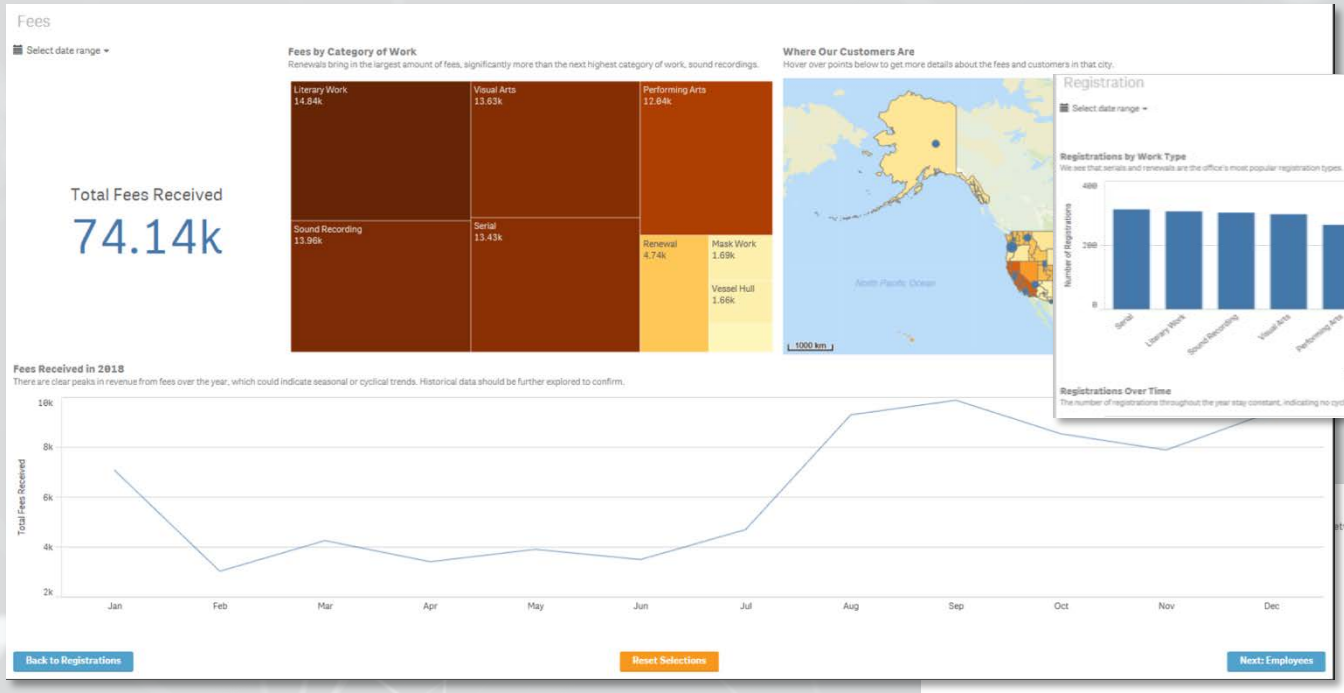

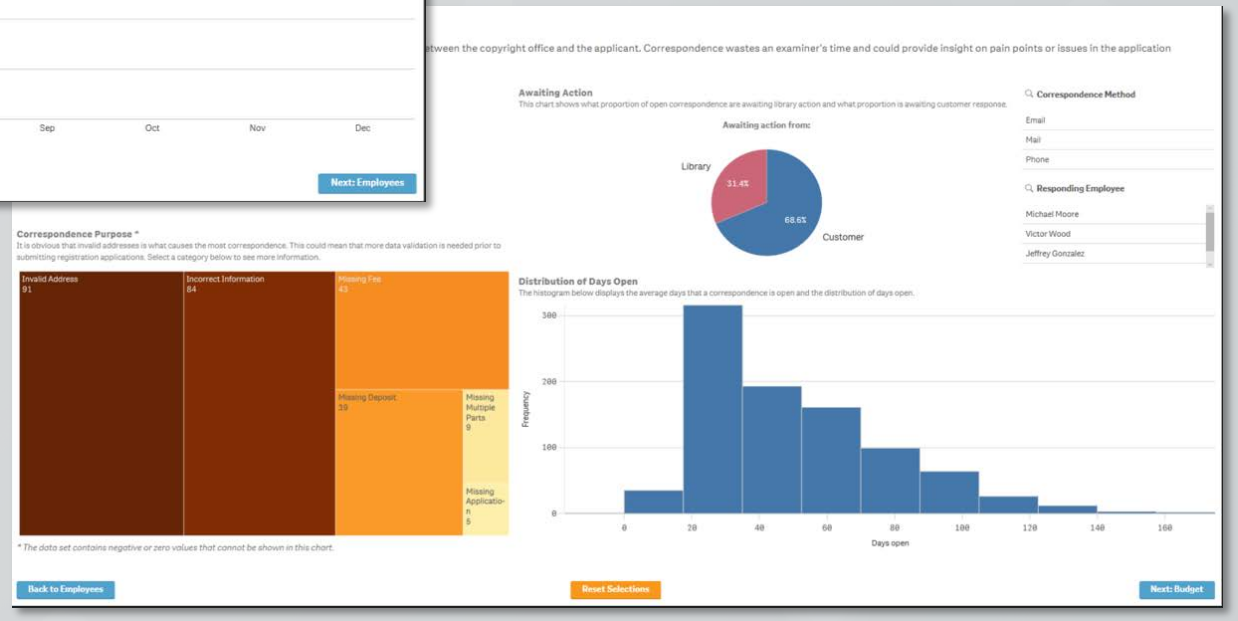

QUESTIONS?

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LEARN MORE

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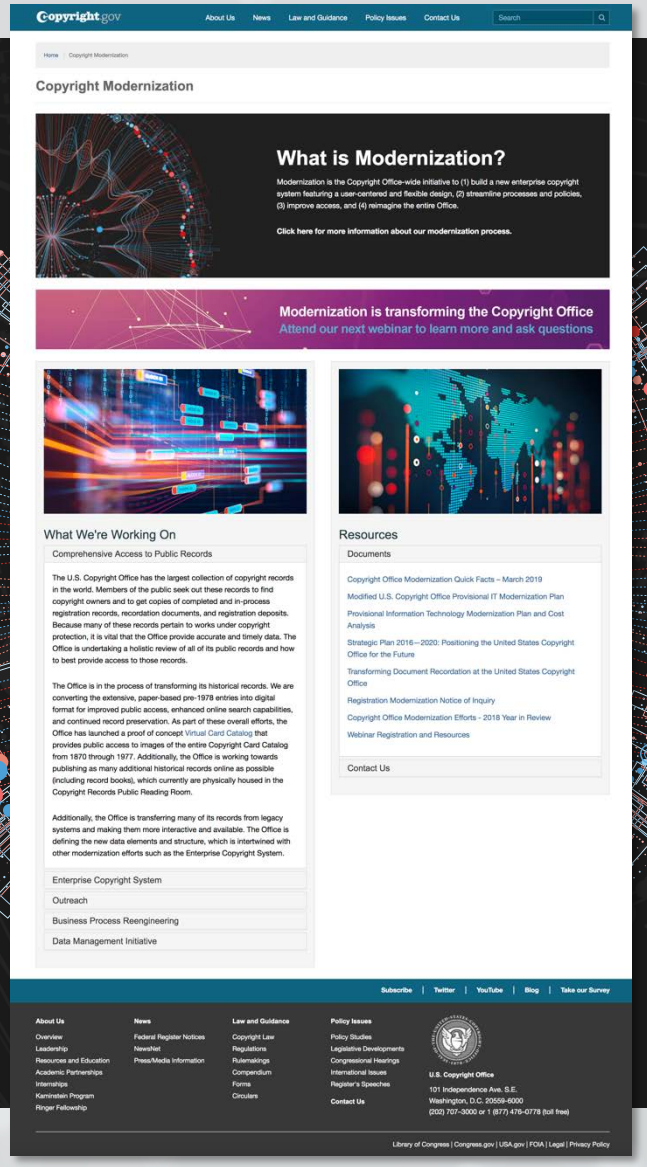

For More Information:

copyright.gov/copyright-modernization

Send Questions To:

askcmo@copyright.gov