

Modernized E-File Progress and What You Need To Know:

Life Under EMS vs. Life Under MeF



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What is A2A

- Application-to-Application (A2A)
 - System to system communication—no human is involved
 - Transmitters can send state returns through A2A or IFA
 - States can only interact with MeF through A2A

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MeF Transmission Method Application-to-Application (A2A)

- Transactions with MeF are made through a service request and MeF acknowledges receipt of each service request by returning a response or error to the originating system.

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MeF Fed/State Filing

- MeF eliminates batch processing. Returns are processed and acknowledged on transactional basis
- Transmissions may contain one or more returns but each return is acknowledged as it is processed (independent of other returns in the transmission)
- Federal and state returns may be included in the same transmission
- If transmission contains both federal and state returns, MeF processes all federal returns first
- Best practice is for transmitter to wait until federal return is accepted before submitting state return that is linked to a federal return

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Automated System Enrollment

- To use A2A, states/transmitters must have delegated one or more persons with the authority of MeF System Enroller on your IRS *e-file* Application.
- Delegates must have completed the e-Services Registration process and confirmed their Registration.
- One of the delegated users will then be able to access Automated Enrollment to enroll the systems that will be used to communicate with the IRS.

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A2A Service Requests

- **Transmitter Services**
 - Send Submissions
 - Get New Acknowledgements
 - Get Acknowledgements
 - Get Acknowledgement
 - Get Acknowledgements by MessageID
 - Get New Submissions Status
 - Get Submissions Status
 - Get Submission Status
 - Get New 2290 Schedule 1s
 - Get 2290 Schedule 1s
 - Get 2290 Schedule 1
 - Get 2290 Schedule 1s by Message ID
- **State Services**
 - Get New Submissions
 - Get Submissions
 - Get Submission
 - Get Submissions by MessageID
 - Send Submission Receipts
 - Send Acknowledgements
 - Get New Acknowledgement Notifications
 - Get Acknowledgement Notifications
 - Get Acknowledgement Notification
 - Get Submission Reconciliation List

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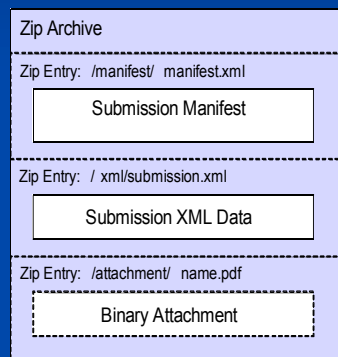
Shared Service Requests

- Initial Login *
- Login
- Logout
- Change Password *
- Request ETIN Status
- Request List of ETINs
- Request List of State Participants

Note: * Not valid for Strong Authentication users

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IRS Submission

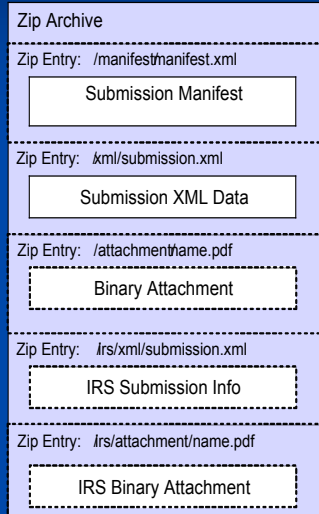


Manifest Elements

- Submission ID
- EFIN
- Government Code—IRS
- Submission Type—1120, 1065
- EIN
- Tax Year
- Tax Period Begin Date
- Tax Period End Date
- Electronic Postmark

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State Submission



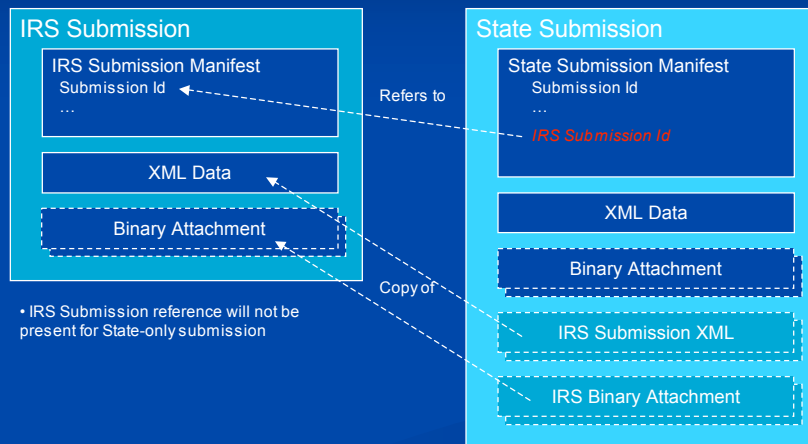
State Manifest Elements

- Submission ID
- EFIN
- Government Code—KSST, WIST
- Submission Category—CORP, PART, EO
- Submission Type—State form
- Federal EIN
- Name Control
- Tax Year
- State Schema Version
- IRS Submission ID

*Elements subject to changes as development continues

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Linked Fed/State Submission



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IRS Data

- MeF presently does a validation of the EIN/Name Control
- For 1040, MeF will validate the Primary SSN/Name Control and the Secondary SSN/Name Control, if one is present
- MeF returns a code in the IRS Data that shows the results of the validation: Match, No Match or Not Found
- IRS does not deny a state return if the TIN/Name Control combination does not match. The return is placed out for the state to pick up. It is up to the state to decide whether they will reject the state return for that reason.

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IRS Data (continued)

- When a state submission is sent to the state agency, IRS provides data derived from processing of the state submission. That currently includes:
 - Submission ID
 - ETIN
 - Received Timestamp
 - Federal EIN Status
 - Electronic Postmark
 - Source IRS Submission ID
 - IRS Received Date
- Additional fields will be added to IRS Data for the 1040 Fed/State Program such as:
 - Primary SSN /Secondary SSN Status (when applicable)
 - ITIN Mismatch Indicator—on linked returns only
 - Imperfect Return Indicator—on linked returns only

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MeF State Submission Validations

- MeF validates the following:
 - ETIN of Transmitter
 - EFIN in the state manifest
 - State is a participating state
 - When state return is unlinked, check that state accepts unlinked state submissions
 - If submission is linked, check that the IRS Submission ID in the State Submission Manifest is the Submission ID of an accepted federal return for the same submission category
 - If submission is a Production return, check that state's ETIN is in Production status.

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MeF State Submission Validations

- IRS validates only information in the state manifest.
- IRS will not validate or open the state return information.
- IRS validates that the state submission is in XML format and each submission must be in Zip Archive format.
- MeF will deny the state submission if any of the prior conditions is not met.
- MeF will return an acknowledgement stating the error condition.
- The state will not be notified that the IRS has denied the state submission.

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MeF Migration Plan

- Return types presently being processed by MeF:
 - Forms 1120, 1120-F, 1120S, 1065/1065B, 1120-POL, 990, 990-EZ, 990-N, 990-PF, 720, 2290, 8849, 8868 and 7004

- Schedule for future MeF releases
 - 1040 Phase I in August of 2009
 - 1040 Phase II in January of 2011

- 1040 Fed/State functionality in August of 2009

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Role as A Coordinator

- Roles Expanding
- Educators – DOR staff Features and Benefits
- Practitioner Community
 - Speak of MeF as a “good thing”
 - Include Schema Validation Errors
 - Provide Examples – “an unexpected element occurred at...”
 - What they mean
 - How to correct
 - Include SWDs educational suggestions

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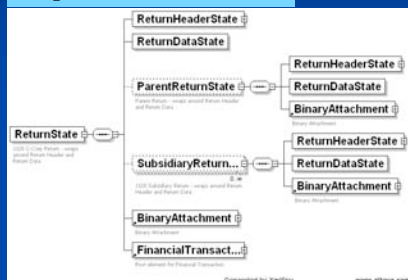
Policy Issues

- Implementation of MeF
- Registration and Pay Fees with FTA
- Level of Restriction - Validation
- Signature Document
- Attachments & Schedules
- Third Party Designee and POAs
- Consistency Section

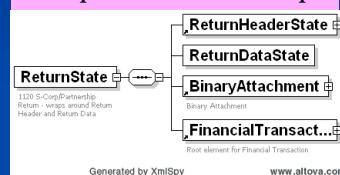
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Return Structure

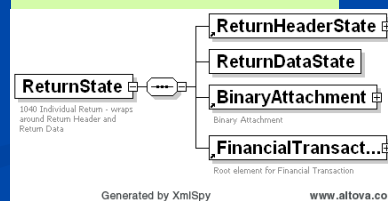
Corporate Return



C Corporate and Partnership



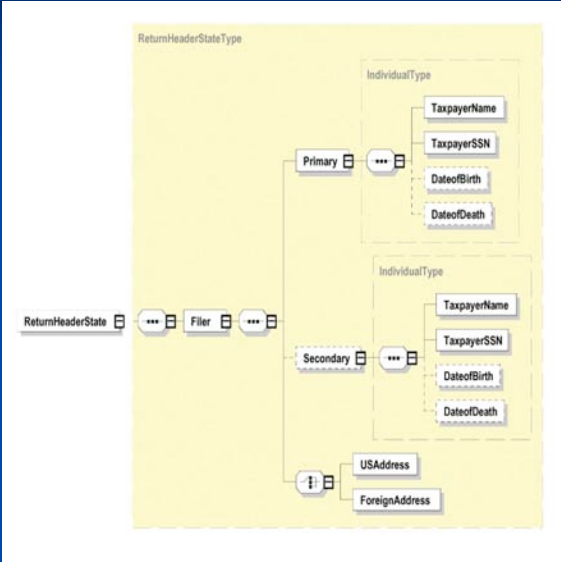
Individual



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Generic Record vs. XML Schema

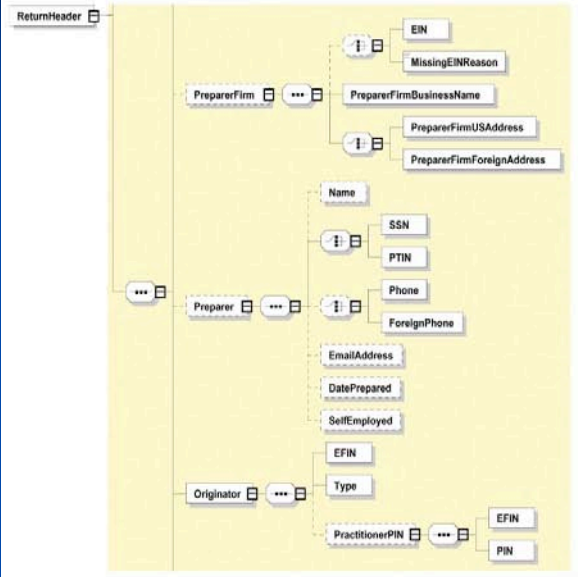
- Entity Section
 - Primary TP
 - Secondary TP



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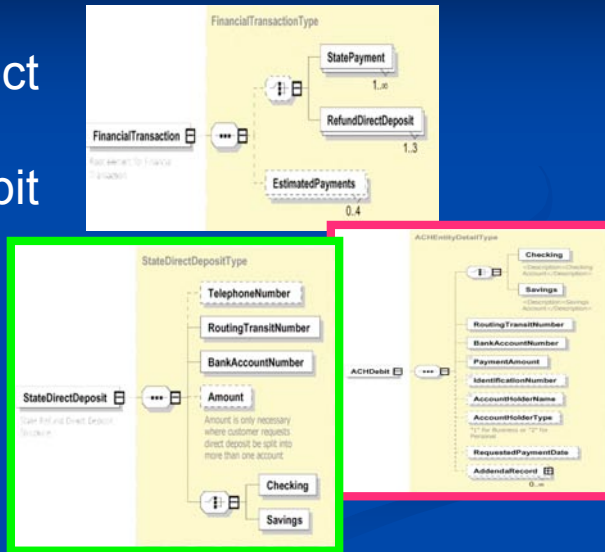
Generic Record vs. XML Schema

- Participant Section
 - Preparer Info
 - Signature



Generic Record vs. XML Schema

- State Direct Deposit & Direct Debit



Generic Record vs. XML Schema

- Consistency Section
- DCN/RSN

Transmission Header and Transmission Manifest

```

<?xml version="1.0" encoding="UTF-8" ?>
<xsd:schema targetNamespace="http://www.irs.gov/efile" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://www.irs.gov/efile" elementFormDefault="qualified" attributeFormDefault="unqualified"
  version="1.0">
  <xsd:annotation>
    <xsd:documentation>
      <!-- R3 e-file - Content models for the common transmission/ack file definitions -->
    </xsd:documentation>
    <xsd:documentation>
      <!-- Draft Release - Maturity Level -->
    </xsd:documentation>
    <xsd:documentation>
      <!-- Release Date - October 23, 2006 -->
    </xsd:documentation>
    <xsd:documentation>
      <!-- Original Location - efileTypes.xsd -->
    </xsd:documentation>
  </xsd:annotation>
  <xsd:element name="SubmissionID" type="SubmissionIDType" />
  <xsd:simpleType name="SubmissionIDType" base="xsd:string">
    <xsd:pattern value="[E-]FIN[0-9]{4}[C-]YYDD[0-9]{7}[a-z]{7}" />
  </xsd:simpleType>
  <xsd:complexType name="SubmissionDataType" base="SubmissionIDType">
    <xsd:sequence>
      <xsd:element name="SubmissionID" type="SubmissionIDType" />
      <xsd:element name="ElectronicPostmark" type="TimestampType" />
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="SubmissionDataListType" base="SubmissionIDType">
    <xsd:sequence>
      <xsd:element name="Count" type="xsd:positiveInteger" />
      <xsd:element name="SubmissionData" type="SubmissionDataType" minOccurs="1" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
  <xsd:element name="TransmissionManifest" type="SubmissionDataListType" />
  <xsd:complexType name="SubmissionDataListType" base="SubmissionDataListType">
    <xsd:sequence>
      <xsd:element name="SubmissionDataList" type="SubmissionDataListType" />
    </xsd:sequence>
  </xsd:complexType>
  <xsd:elements>
    <xsd:element />
  </xsd:elements>
</xsd:schema>
  
```

SUBMISSION ID

1234561071234567 (EFIN+ccyyddd+7character lowercase alphanumeric)

W-2s and 1099s

States will use IRS schemas.

TIGERS will post detail to statemef.com when available

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Getting Started Forms Based Schemas

- What to Include
 - All fields needed to process return; plus
- How to Name
 - TIGERS Element Tag Names
 - TIGERS Best Practices
 - TIGERS Standards
- Define the Element
 - IRS eFileTypes
 - State eFileTypes – TIGERS
 - State specific eFileTypes – State Determined

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TIGERS APPROVAL

- Develop Schema
- Pre-screen of schema
- Present for Approval

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Validation and Error Codes

- Schema Validations
- Error Codes – Business Rules

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Software Developer Packages

- Versioning
- Manual
- Mapping Forms
- Instance Documents
- Documenting Business Rules

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Testing and Approving SWD

- Dual Systems
- Testing Time Frame
- Software Approval Tools
- Feedback to Developers

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Quote of the Day

“Science may never come up with a better office communication system than the coffee break.”



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EMS

- 📁 Long-term Policies
- 📄 Flat Record Layout
- 📁 Batch Transmission
- 📄 Return Content
- 📄 DCN/RSN
- 🕒 Generic Section
- 📁 Piggy Back/State-only
- 🕒 Test Period
- 📄 No Attachments
- 📄 Error Codes
- 📄 Acknowledgements

MeF

- 📁 Policy Changes as needed
- 📄 XML Schema
- 📄 Single Submission
- 📄 Submission Manifest
- 📄 Submission ID
- 🕒 Validation of Manifest Items
- 📄 Link/Unlinked
- 🕒 Test Period
- 📄 PDF Attachments
- 📄 Schema Validation
- 📄 Business Rules Errors
- 📄 Receipts & Acks

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Resources

- www.Statemef.com
 - XML 101
 - MeF 101
 - TIGERS Standards
 - TIGERS Best Practices
 - Share Schemas (approved)
- www.irs.gov
- <http://www.irs.gov/efile/article/0,,id=171946,00.html>
 - Pub 4164 Modernized eFile Guide for Software Developers and Transmitters
 - Automated Enrollment (AE) User Guide
 - MeF State and Trading Partners ICD