

Eurofiling XBRL 2018 Week

10th anniversary of
XBRL EUROPE



APPLYING XBRL TO THE AUDIT DATA COLLECTION STANDARD – ISO PC/295

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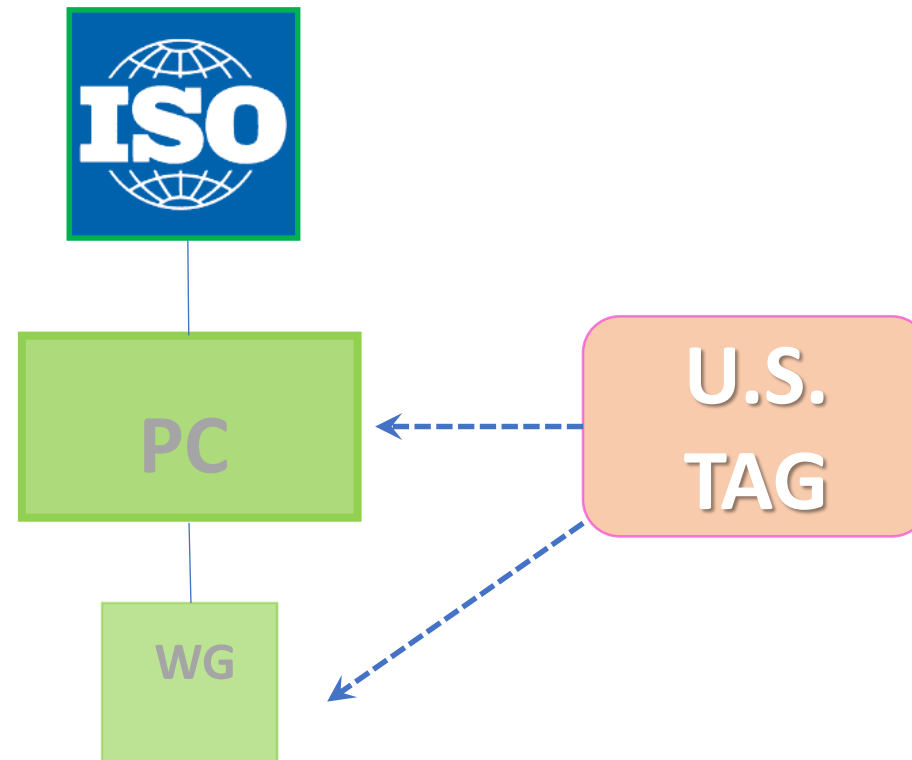
Warsaw, 29 May 2018



AGENDA

- **ISO PC/295 – Global Audit Data Collection Standard**
- **Background**
- **PC/295 Standard Specification**
- **The Missing Link**
- **XBRL Connection and Opportunity**
- **Questions/Discussion**

ISO/PC 295 ORGANIZATIONAL STRUCTURE



ISO/PC 295 ON AUDIT DATA COLLECTION

- **Scope: Audit Data Collection provides a specification for auditors to obtain accounting data, including content and format requirements of accounting data elements and data interface output files.**

- **Participating Members (18)**

- | | |
|--------------------------------------|--------------------------------|
| – United States | – Pakistan |
| – Canada | – South Africa |
| – Romania | – China |
| – Russian Federation | – Finland |
| – Japan | – Sweden |
| – Kuwait | – Singapore |
| – Belgium | – Thailand |
| – Nepal | |
| – Netherlands | |
| – Indonesia | |
| – Malaysia | |

- **Observing Members (22)**

- | | |
|--------------------------------------|----------------------------------|
| – Korea, Republic of | – France |
| – Saudi Arabia | – Mali |
| – Zimbabwe | – Austria |
| – Israel | – Bulgaria |
| – Norway | – United Kingdom |
| – Switzerland | – Mexico |
| – Slovakia | – Germany |
| – Spain | – Denmark |
| – Italy | – Estonia |
| – Czech | – Portugal |
| – Republic | – Argentina |



China's Golden Auditing Project

Audit Data Standards





ISO PC/295

- This document provides information necessary to **extract** relevant data from accounting and ERP systems to conduct audit procedures. It applies to a general industry model and covers the areas of General Ledger, Sales, Accounts Receivable, Purchases, Accounts Payable, Inventory, Property Plant and Equipment, and Tax
- The purpose of this document is to **improve the accessibility of audit data, and to enable auditors to focus their attention on analyzing the data obtained.**
- This document establishes common definitions of accounting data elements to **bridge understanding between the auditor, auditee, software developers and IT professionals**; and to create a mechanism for expressing the information, common to accounting, in a manner independent of accounting and ERP systems. This document can serve as a foundation for local data extraction efforts.





AUDIT DATA COLLECTION STANDARDS TABLE OF CONTENTS

- **Scope**
- **Normative References**
- **Terms and Definitions**

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AUDIT DATA COLLECTION STANDARDS TABLE OF CONTENTS

Modules(*), Files and Fields (4):

4.1 General: Data diagrams and guide to understanding tables

4.x.1 Module background

Tables

Profiling Report: Guidance to support complete and accurate data exchange

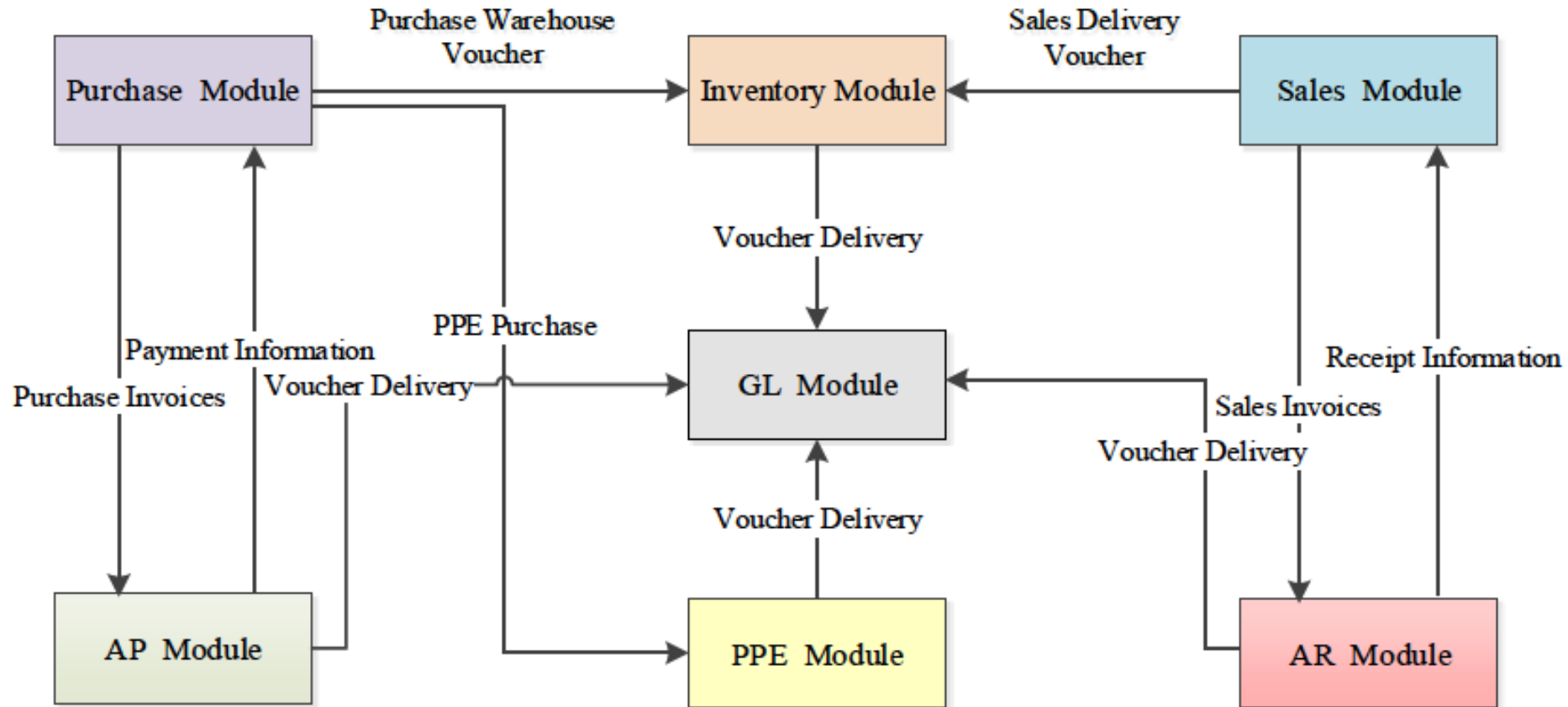
Data Questionnaire: Standard questions to supplement data

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(*)Base, General Ledger, AR, Sales, AP, Purchase, Inventory, PPE, Tax



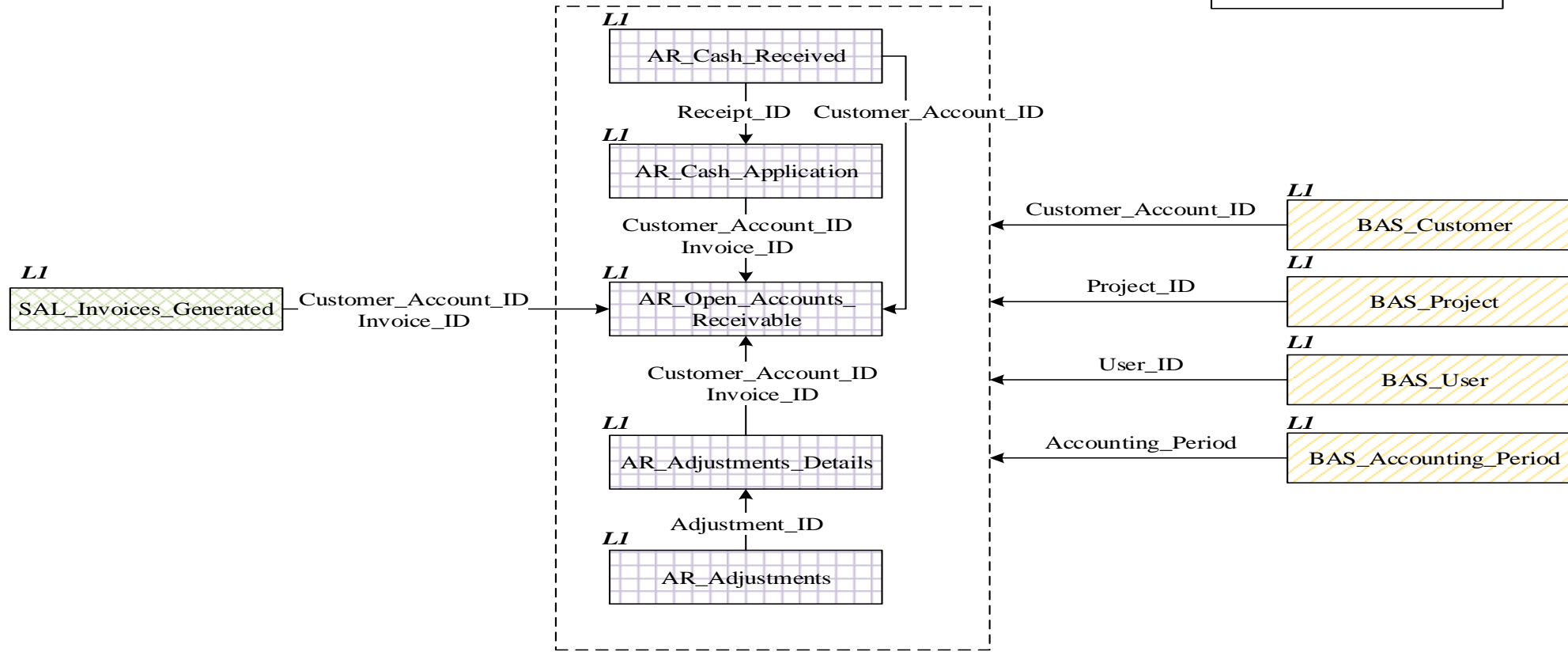
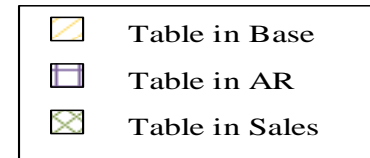
THE BUSINESS FLOW OF ADCS MODULES





THE RELATIONSHIP OF TABLES INCLUDED WITHIN THE ACCOUNTS RECEIVABLE, SALES AND BASE MODULES.

AR





KEY TABLES AND FIELDS

To create the greatest flexibility, we have created a process for capturing key organizational elements

The information is captured within the following tables

Table 2 - Business Segment Master Table

No	Name	Datatype	Representation	Description	Level
1	Unique BS ID	String	%25s	Identifier that is unique for each business segment.	1
2	Segment Name	String	%25s	Name of the business segment.	1
3	Segment Reference Level	String	%2c	Relative level of the segment with 1 being the consolidated level and numbers increasing through lower levels.	1
4	Organizational Name	String	%60s	Indicate the name of the organization type, can fill in Department, Business Unit, etc.	1

Table 3 - Business Segment Relationship Table

No	Name	Datatype	Representation	Description	Level
1	Parent ID	String	%25s	Related business segment ID	1
2	Child ID	String	%25s	Related business segment ID	1

7	Business_Segment_X	String	%60s	Reserved field that can be used for business segments / structures. One number for each unique reference level.	2
---	--------------------	--------	------	---	---

Tables where key structures will be used contain the following place holder field



ISO PC/295 EXAMPLE TABLE: GL_DETAIL

4.3.3 GL_Detail

Table 26 includes all of the journal entry lines and also all the journal entry header information. Each row in this table contains detailed information for transactions on each journal entry—such as the associated journal entry ID, the associated account number, and the debits or credits associated with the journal entry line. This table should be at the journal entry line level, not a more summarized level. This table is level 1.

Table 26—GL_Detail

No	Name	Data-type	Representation	Description	L
1	Journal_ID	String	%100s	Identifier that is unique for each journal entry. May require concatenation of multiple fields.	1
2	GL_Account_Number	String	%100s	Identifier for the GL financial account. The GL_Account_Number in this table must match the GL_Account_Number used in the Chart_of_Accounts and Trial_Balance tables.	1
3	<u>Fiscal_Year</u>	String	%4c	Fiscal year in which the Effective_Date occurs—YYYY for delimited, YYYY-MM-DD fiscal year end (ISO 8601:2000, Data elements and interchange formats - Information interchange - Representation of dates and times). Must match the Fiscal_Year in the Accounting_Period table.	1



THE STANDARD - SYNTAX

Delimited text

abc7-qdr2-3s|789|2016-11-06|jdf-234-aq|USD|1620.00

Custom XML *

```
<salesOrder>
  <salesOrderID>abc7-qdr2-3s</salesOrderID>
  <salesOrderNumber>789</salesOrderNumber>
  <salesOrderDate>2016-11-06</salesOrderDate>
  <customerAccountID>jdf-234-aq</customerAccountID>
  <salesOrderLocalAmount currencyCode="USD"
minorUnit="2">1620.00</salesOrderLocalAmount>
```

JSON *

```
"salesOrder": {
  "salesOrderID": "abc7-qdr2-3s",
  "salesOrderNumber": "789",
  "salesOrderDate": "2016-11-06",
  "customerAccountID": "jdf-234-aq",
  "salesOrderLocalAmount": {
    "-currencyCode": "USD",
    "-minorUnit": "2",
    "#text": "1620.00"
  },
}
```

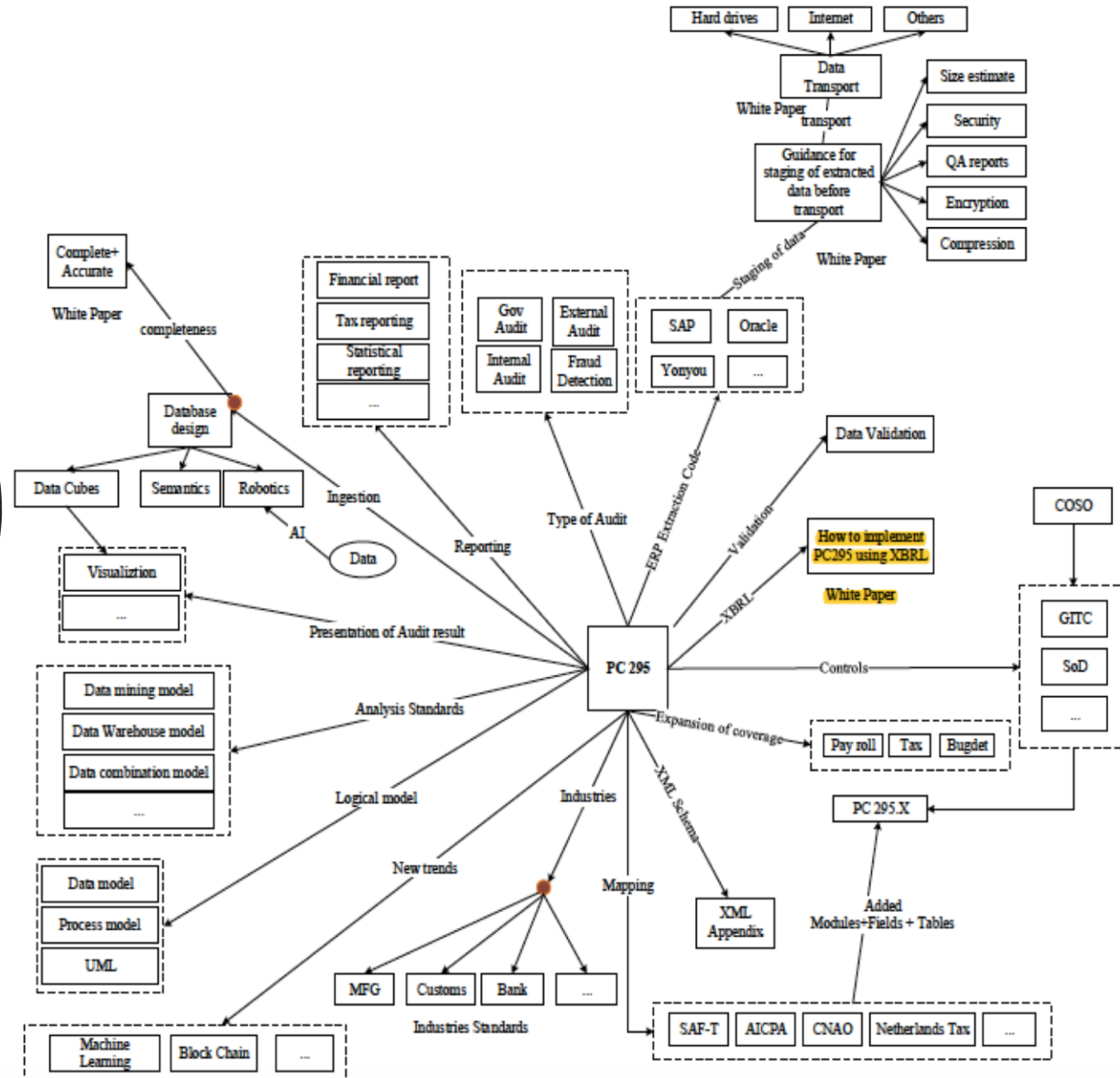
XBRL GL *

```
<gl-cor:amount contextRef="now" decimals="2" unitRef="usd">1620.00</gl-cor:amount>
<gl-cor:identifierReference>
  <gl-cor:identifierCode contextRef="now"> jdf-234-aq </gl-cor:identifierCode>
  <gl-cor:identifierType contextRef="now">C</gl-cor:identifierType>
</gl-cor:identifierReference>
<gl-cor:documentType contextRef="now">order-customer</gl-cor:documentType>
<gl-cor:documentNumber contextRef="now">789</gl-cor:documentNumber>
<gl-cor:documentReference contextRef="now">abc7-qdr2-3s </gl-cor:documentReference>
<gl-cor:documentDate contextRef="now">2005-06-15</gl-cor:documentDate>
```

* Appendix



PC 295 AND XBRL CONNECTION





AICPA GL ADS FLEXIBLE DATA FORMAT

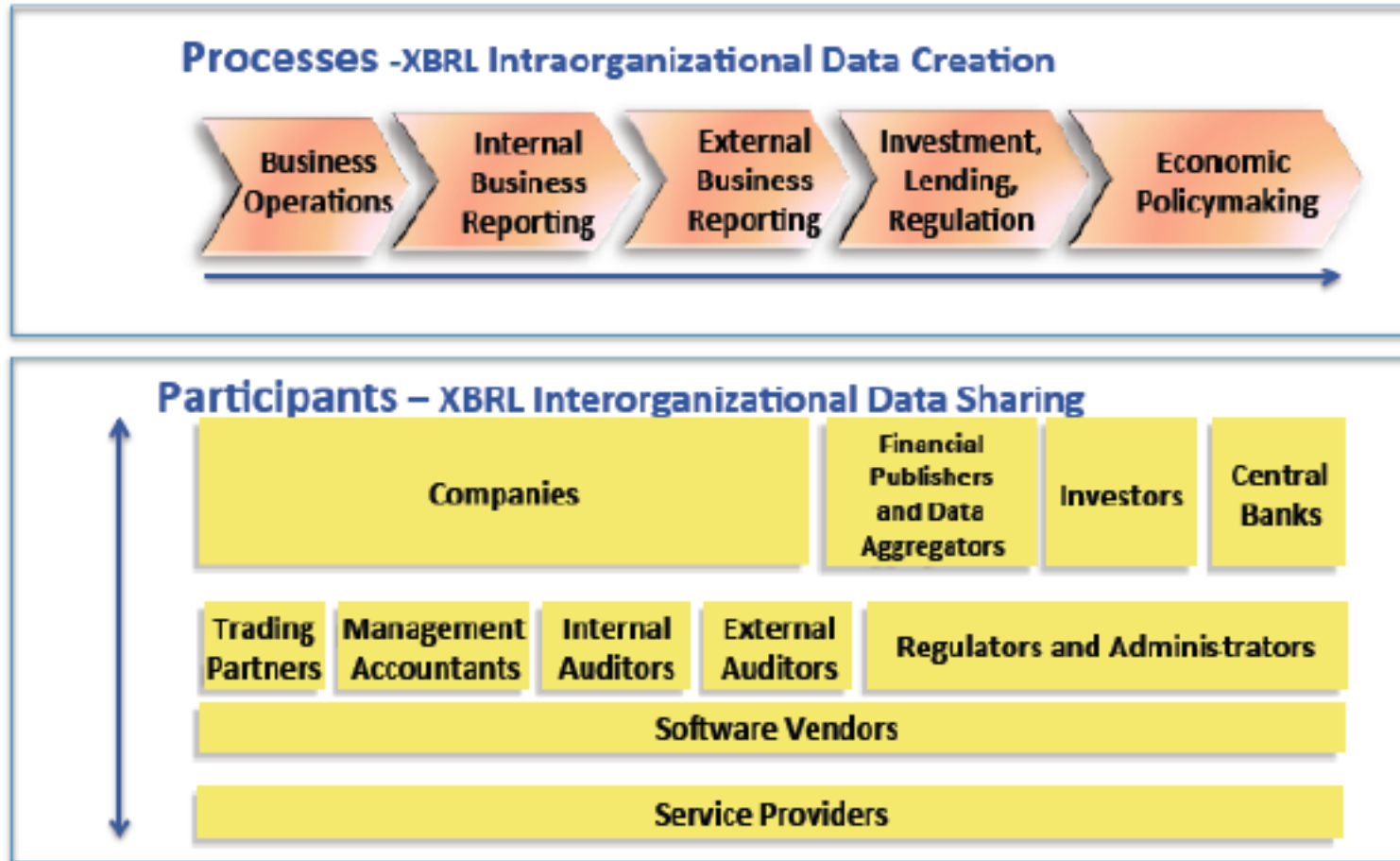
1.1 GL_Detail_YYYYMMDD_YYYYMMDD

The GL_Detail table stores all the journal entry lines and includes all the journal entry header information as well. Each row in this table contains detailed information for transactions on each journal entry—such as the associated journal entry ID, the associated account number, and the debits or credits associated with the journal entry line. The file should be at the journal entry line level, not a more summarized level.

Field #	Field Name	Level	Flat File Data		XBRL GL Taxonomy Element ¹	Description
			Data Type	Length ²		
1	Journal_ID	1	TEXT	100	gl-cor:entryNumber	Identifier that is unique for each journal entry. May require concatenation of multiple fields.
2	Journal_ID_Line_Number	1	TEXT	100	gl-cor:lineNumber	Identifier that is unique for each line within a journal entry.
3	JE_Header_Description	1	TEXT	256	gl-cor:entryComment	Description of the entire journal entry as described by the journal entry header.
4	JE_Line_Description	1	TEXT	256	gl-cor:detailComment	Description of the individual line within the journal entry.
5	Source	1	TEXT	25	gl-cor:SourceJournalID (fixed/enumerated list) or gl-cor:sourceJournalDescription (free form)	Posting source (code for source from which the journal entry originated, such as sales journal, cash receipts journal, general journal, payroll journal, accountant manual entry, spreadsheet, and so on).



BUSINESS REPORTING SUPPLY CHAIN





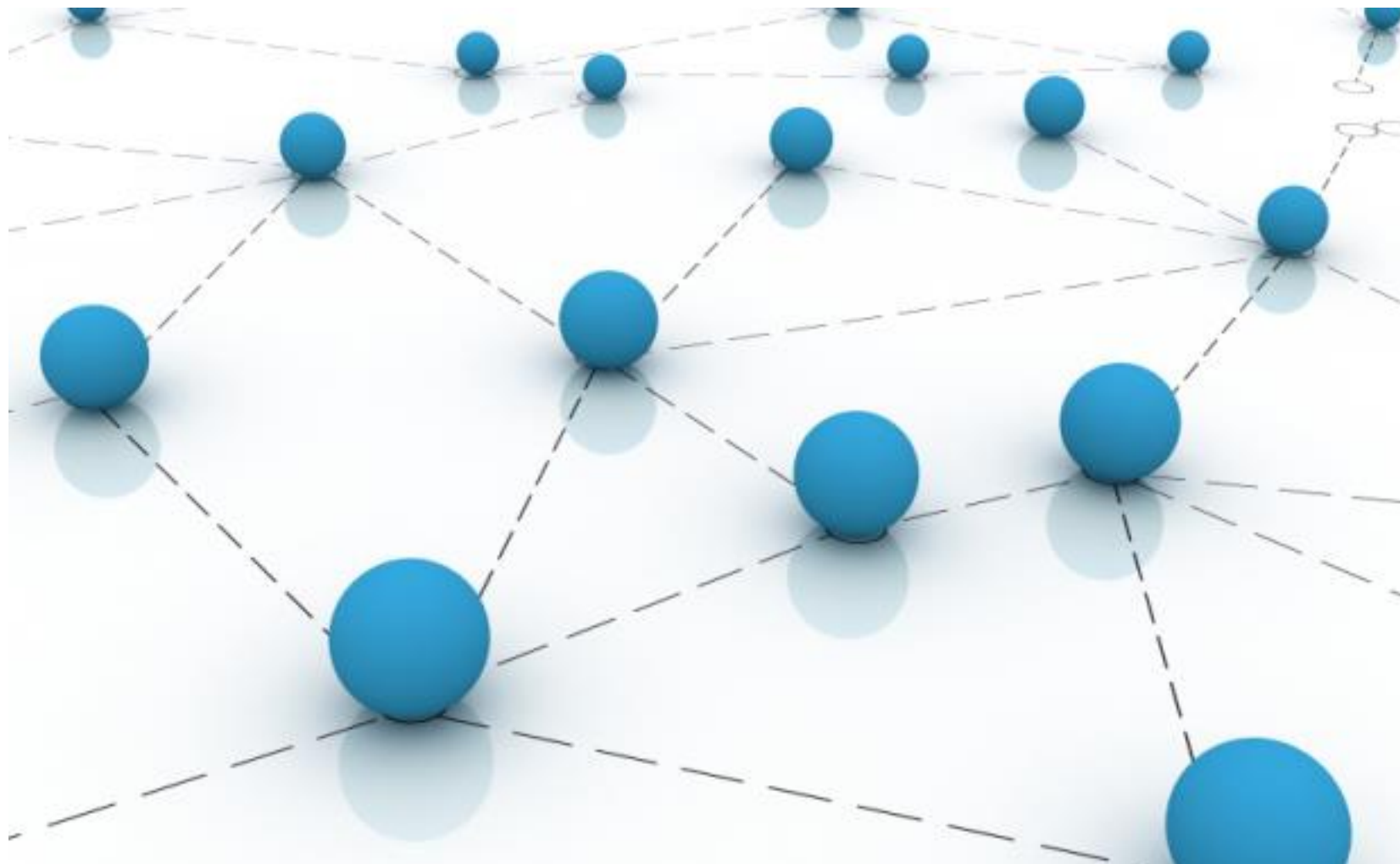
XBRL AND THE GLOBAL AUDIT DATA COLLECTION STANDARD



- **Transparent Data Audit Assurance**
- **Streamlines Audit Processing**
- **Regulatory Leverage**
- **Improved Governance**
- **Continuous Auditing**



CONNECT THE DOTS WITH XBRL





MISSING LINKS CALL FOR COLLABORATION



- **ISO PC/295**
- **ESMA**
- **ERP Vendors**
- **Regulators**
- **XBRL Europe**
- **XBRL International**



QUESTIONS AND DISCUSSION





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