24th XBRL International Conference

“Transparency: with Available, Reliable, Comparable and Re-usable Data”

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Hands on Session,
Implementation Approach,
Shweta Gupta, IRIS, March 19, 2012
Implementing XBRL Projects

Some unasked questions answered:

- You can follow any prevalent Software/System development approach to build an XBRL based System
- All prevalent technologies can be deployed to implement an XBRL implementation
- You will need to go through the entire cycle of a typical software development process you follow
- All applicable security standards could be applied to an XBRL based system
So what is different?
Key Impact Factors

- Type of implementation
- Implementing an XBRL project
- Stakeholder involvement
- Taxonomy
- Resources
- Collaboration
- Team composition
Key Impact Factors

- Type of implementation
- Stakeholder involvement
- Taxonomy
- Implementing an XBRL project
- Resources
- Collaboration
- Team composition
Type of XBRL implementation

- Within an organisation
- Within a country/jurisdiction
Key Impact Factors

- Type of implementation
- Resources
- Implementing an XBRL project
- Taxonomy
- Collaboration
- Team composition
- Stakeholder involvement
It is good to have your team experienced in XBRL based implementation
Or trained on the XBRL standard
The development team should at least have XML expertise, but...

- XBRL Technical standard expert(s)
- XBRL Domain expert(s)
- XBRL Taxonomy developers
Implementing an XBRL project

Key Impact Factors

Type of implementation

Resources

Implementing an XBRL project

Collaboration

Stakeholder involvement

Taxonomy

Team composition
Collaboration

- Within the development team and collaboration
- With the XBRL community
Ensure your Accountants and Developers love each other...
System development collaboration

XBRL domain experts

Analyzing Data/Information Requirements → Building Taxonomies

Analyzing System Requirements → Designing the System

Taxonomy Adoption → System Implementation

Technology Architects/Development Team
With XBRL community

- Similar implementations
- Taxonomy experts
- Existing taxonomies
- Open source or other available APIs
- Existing UML models
Implementing an XBRL project

- Type of implementation
- Stakeholder involvement
- Taxonomy
- Resources
- Collaboration
- Team composition

Key Impact Factors
Team composition

Requirements
- Business Analyst
- XBRL domain expert
- XBRL technical expert

Design
- Technical Architect
- XBRL technical expert
- XBRL domain expert (UI)

Development
- Development team
- Taxonomy Development team

Review
- Quality check
- XBRL Technical expert
- XBRL domain expert

Training & Implementation
- XBRL domain expert
- XBRL technical
Key Impact Factors

- **Type of implementation**
- **Resources**
- **Implementing an XBRL project**
- **Collaboration**
- **Team composition**
- **Stakeholder involvement**
- **Taxonomy**

Implementing an XBRL project
Taxonomy

- Regulatory/Accounting Standards
- XBRL Taxonomies
- Report Financial/Business Information
- Extension Taxonomies
- Consume Information
- Monitor
- Regulators/Stock Exchanges
- Filers (Companies, banks, mutual funds...)
- Government, analysts, Investors at large, banks, FII’s
Taxonomy

- Taxonomy architecture
- Data modeling
- Scope of taxonomy
- Size of taxonomy
Stakeholder involvement for high impact decisions like:
- Open/closed taxonomy
- Data utilization trends
- Maturity of the target users
Other

- System performance
- Data Storage
- User Training
Thank You

shweta.gupta@irisbusiness.com