

“XBRLWorks RegulatorWorks™ HD and SubmitterWorks™ HD enable instant generation of high-fidelity XBRL apps with built-in, massively parallel analytics on terabyte submissions and public XBRL Big Data running on Greenplum HD.” SRI RAJAN, MANAGING DIRECTOR, XBRLWORKS



Hadoop Synthesis, Analytics on Terabyte Submissions

XBRLWorks is a Singapore-based, government-supported technology pioneer and builder of model-driven, XBRL Submissions for the ‘Integrated Statistical System’ (ISS) deployed at Bank Negara Malaysia (BNM), the Central Bank of Malaysia. XBRLWorks strategic partnership with Greenplum is designed to integrate declarative modeling and instant synthesis of XBRL apps, with high-performance analytics and predictive visualization of XBRL Big Data for the most-demanding and policy-changing regulatory requirements as part of a regulator’s Governance Risk and Compliance (GRC) framework.

XBRLWorks flagship platforms for XBRL Big Data processing – *RegulatorWorks™* and *SubmitterWorks™* – optimize submission processes spanning the regulator and submitter data supply chains. *RegulatorWorks* spans the full XBRL document life cycle – data model abstraction, taxonomy design, submission planning, application design and generation, pre- and post-submission XBRL validation, process workflow execution, monitoring, terabyte-class analytics, and visualization of what-if simulation scenarios based on Basel 2, 3 and Solvency, 2 and other emerging risk models. *SubmitterWorks* provides a collaborative, peer-to-peer report assembly platform to simplify XBRL data preparation, collaborative report assembly, self-audit pre-validation, analytics-guided submission, and Big Data visualization on internal and external data. *SubmitterWorks* is available in 3 editions – Enterprise, Professional, and Community.

CHECKLIST

- **Name**
XBRLWorks
- **HQ Location**
Singapore
- **Founded**
2010
- **Solution**
XBRL RegulatorWorks,
SubmitterWorks
- **Sector**
Regulator Edition: Finance,
Public Sector
Submitter Edition: Telco,
Finance, Utilities, Web,
Oil&Gas, Public Sector, Life
Sciences, Retail, Media &
Entertainment
- **Private Website**
www.xbrlworks.com
- **Contact**
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APPLICATION MODELER

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|----------------------|---|
| DataPoint Abstractor | Visual synthesis of regulator-specific taxonomies from US GAAP, IFRS. |
| Taxonomy Manager | Automated change management of taxonomies throughout model-design-implementation-maintenance lifecycle. |
| App Builder | Taxonomy-driven, 1-click TrueReplica™ application synthesis. |

SUBMISSION PLANNER

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|--------------------|---|
| Profile Manager | Define, associate, and deploy submission profiles to submitters. |
| Calendar/Scheduler | Outlook and Google-integrated calendar with scheduler to define, generate, and upload submission based on profile and window. |

SUBMISSION PROCESSOR

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|---------------------|---|
| XBRL Validation | Multi-tier XBRL 2.1 validation for better data quality through correctness, completeness, accuracy, consistency, and public/private thresholds. |
| XBRL Error Guidance | Visual navigation to suspect data points in a submission. |
| Terabyte Ingestion | Taxonomy-agnostic, formula-agnostic, massively parallel consumption of concurrent Terabyte-class submissions with 100% XBRL conformance. |

COLLABORATION

| | |
|-----------------|---|
| Peer Assembly | Segment reports and assign by roles and users for peer collaboration. |
| Report Editor | Inline, integrated replica for visual editing of report. |
| Report Workflow | Rules-based delegation for creators and approvers. |

HADOOP ANALYTICS

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|-------------------------|--|
| Cross-period Comparison | Inline, history-guided galleries for informed decisions prior to submission. |
| Discovery | High-speed XBRL search on past submissions. |
| Simulation Visualizer | Taxonomy-based, policy-driven simulation scenarios to identify risk. |

Customers of XBRLWorks include Ambank, Public Bank, Bank of Tokyo, and Central Bank of Malaysia.

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