



## **IRIS** *iFile*

>> XBRL based electronic  
filing solution



## IRIS iFile

**A complete end to end XBRL compliant electronic filing solution**, IRIS iFile revolutionizes the way information is managed, collected, stored and disseminated. Catering to all phases of the information life cycle, the solution is built using user-friendly spreadsheets as the front end that completely hides the complexities of XBRL document creation, and seamlessly integrates all the steps from information reporting to dissemination to the users. The modular nature of IRIS iFile enables it to be rapidly customized and deployed to meet the specific reporting and workflow requirements of various regulatory environments.

### IRIS iFile Process Flow

IRIS iFile enables real time creation of XBRL documents within a workflow, without requiring users to learning how to create XBRL instance documents.

**Prepare (IRIS iFile client module):** IRIS iFile client has a simple spreadsheet based application enabling preparation of information in templates. Templates can be easily customized to match reporting pattern of any client. The regulator can either control the templates entirely using the template management module, and ensure that all filers comply with templates centrally managed by them, or can enables users to create their own templates from a taxonomy. Users can even extend the taxonomy using the IRIS iFile client.

**Validate (IRIS iFile client module and server module):** IRIS iFile has validation modules that validate the information being filed using XBRL validations as well as customized validations based on client specific requirements. Validation modules are bundled into IRIS iFile, one on the client side before the XBRL document is created and the other on the server side once received by the regulator. Once validated, the XBRL document automatically gets created at the client side and is ready to be filed with the regulator

**Create / Submit:** IRIS iFile enables submission of the XBRL instance document to the server side for the regulators to receive and further process. It also allows data to be submitted directly from the spreadsheets on the click of a button to the server, over the internet. Encryption of data and digital signatures are available optionally (based on security requirements of the client).

**Store:** XBRL documents are stored either in file structures or the underlying data from the instance documents extracted and stored in an RDBMS, based on the regulator's requirements. IRIS can also integrate IRIS iFile with existing systems within the regulator's organization.

**Compliance Dashboard and Admin Modules:** The compliance dashboard allows the regulator to easily view the status of various reports and reporting by entities, and flag off non compliance. Admin modules are available both at the server side for adding / editing and deleting super users from the client side, setting users rights and roles. Separately, admin modules are also available with each client super user to define other roles within a client (preparing) firm.

**Disseminate:** IRIS iFile has approval/rejection mechanisms and a distribution engine which enables instant dissemination in multiple formats through multiple transfer modes. IRIS iFile has both a web based rendering application and also a downloadable excel add-in where users can easily view and download the XBRL documents.

IRIS iFile is highly flexible and modular, and each of the modules can be rapidly customized to meet various end use requirements. The application supports both XBRL and non XBRL data, and also allows for easy upload of attachments and other documents. IRIS iFile can be implemented in a phased manner within any regulatory environment and easily scaled up to cover all reporting requirements. Further, the application also supports multiple languages and can be customized for any language specific requirements of clients.

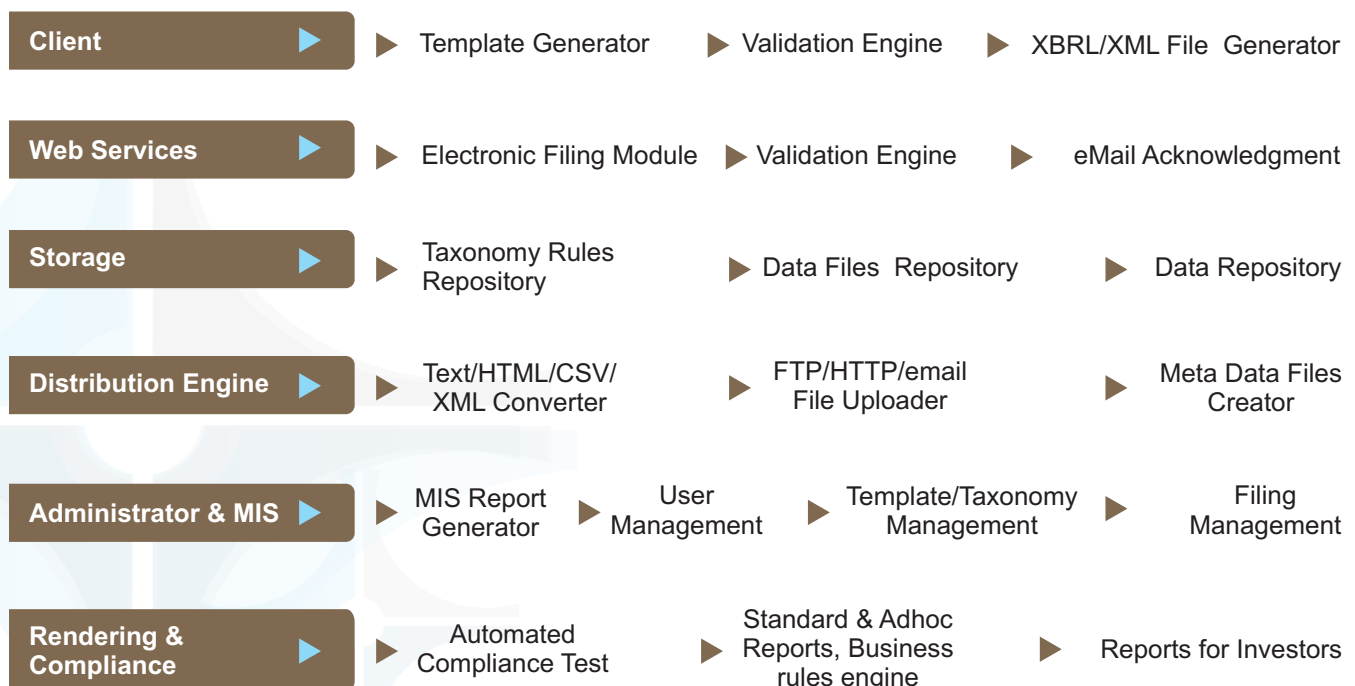
IRIS iFile is already being used across various regulatory environments, including capital markets, banking and e-governance.

## Applications of IRIS iFile

**Stock Exchanges and Securities Regulators:** Capital market regulators across the globe, focussed on building efficient markets, are turning to the XBRL standard to transform their entire financial information and reporting supply chain, leading to greater accountability and transparency. IRIS iFile has been implemented at the [Bombay Stock Exchange](#) and the [National Stock Exchange](#) (India's two leading stock exchanges) and is being deployed at the [Johannesburg Stock Exchange](#).

## iFile Electronic Filing System

### IRIS iFile - Architecture



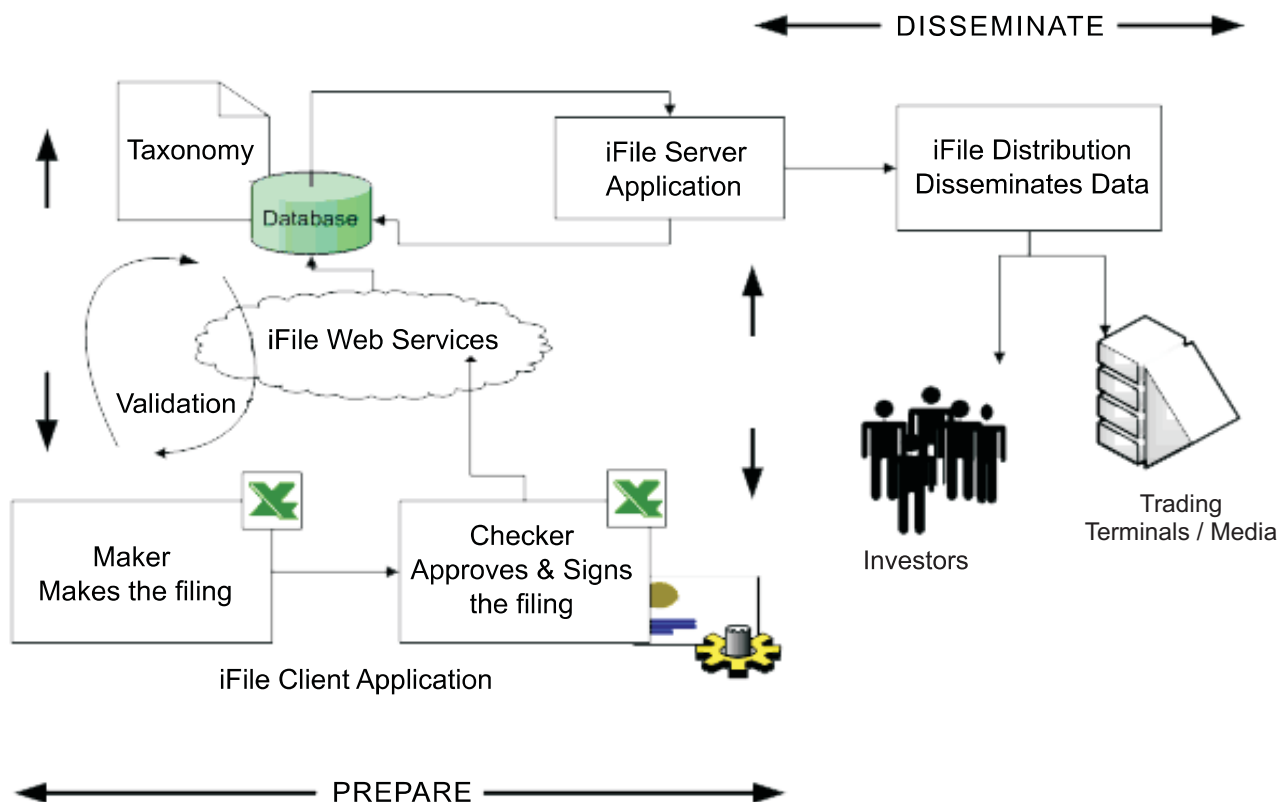
**Central Banks:** Banks are frequently required to report large quantities of complex, time-sensitive information to banking regulators. Banking regulators, in turn, require reliable, consistent, and accurate financial information from the banks they supervise, and need to quickly analyze and use the data for supervisory and policy making purposes. IRIS iFile has been implemented at [the Reserve Bank of India](#) (India's central bank) for risk reporting, and is now modularly being extended for all financial reporting.

**Credit Appraisal Reporting (iCAP):** iCAP, the product extension of IRIS iFile for credit appraisal reporting is currently being deployed for internal reporting in the [EXIM India \(Export Import Bank of India\)](#) for their Credit Appraisal Process. The product will enable establishing a complete workflow, right from the companies/banks applying for a loan, to the processing & approval to the Post disbursement appraisals.

**Accounts Receivables Reporting (xBooks):** xBooks, the product extension of IRIS iFile for account related information management, has been deployed at [the State of Nevada](#) for an XBRL enabled debt collection and payment tracking system.

## IRIS iFile Key Features

- ✦ Modular implementation
- ✦ Administration modules & dashboards for compliance
- ✦ Login-based workflow
- ✦ Multi-language support
- ✦ Secured authentication using digital signatures (optional)
- ✦ Auto-validations based on standard/taxonomy & business rules
- ✦ Email confirmation & alerts at every step of filing



For any questions, please contact:

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