DATA**COLLECTOR**

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DATACOLLECTOR

DataCollector is a software product to address the requirement of collection and / or submission of periodic data by apex organizations / regulators. DataCollector makes the entire life cycle of data collection process fully automated - from the creation of structured data collection format to incorporation of data validation process at the time of submission and finally the creation of reports at various levels of aggregation.

It is a proven software application currently being used by some of the major banks in India and around the globe

Q. WHAT IS DATACOLLECTOR?

A. It is a web-based software focused on information collection, monitoring of collection process, aggregation and providing reports. It helps apex organizations to access right data at the right time. It is useful when data required for enterprise decision making is not available in ERP / Core Banking or any other production system and needs to be collected from different operational units.

Q. WHAT KIND OF ORGANIZATIONS SHOULD USE IT?

A. It is suitable for Regulators / Apex organizations such as government / semi-government departments, a large enterprise or any survey agency which requires collection of data from downstream entities and processing the same to generate various reports 24x7.

Q. HOW DATACOLLECTOR CAN HELP ORGANIZATIONS?

A. Once DataCollector is installed in an organization, the branches / downstream entities can upload the information using just a web browser. The data is captured at the apex organization / central office, processed and the required Regulatory / MIS reports are generated. DataCollector will collect any kind of structured data and at any frequency that the organization requires. DataCollector helps an organization to centralize data collection process in a single repository cutting across departments, divisions and subsidiaries.

Q   DOES DATACOLLECTOR ALLOW DIFFERENT METHODS OF SUBMITTING DATA?

A. Yes. It allows different method of data uploads, such as EXCEL and online form-based uploads. The system also enables the apex organization to instantly create formats or questionnaires for data requirement and publish it (make available in the system) for regulated entities and branches to respond. It also provides notifications and reminders through e-mails and SMSs.

Q. HOW DO I DEAL WITH NEW REQUIREMENTS OF DATA? DO I NEED TO APPROACH VENDOR/S TO GENERATE TEMPORARY REPORTS THAT MAY BE REQUIRED FROM TIME TO TIME?

A. No. The user can effortlessly customize / create forms / reports and publish the same without the involvement of vendor/s. This will shorten the data collection process and also help expedite the decision making process for the management.

Q. HOW SAFE WILL BE MY DATA?

A. DataCollector uses the following information security standards for maintaining high level of security and confidentiality of data:

- User management is based on Role Based Access Rights (RBAR)
- Maker / Checker functionality helps to authenticate transactions
- Audit Trail reports are available to verify and track any previous transaction
- Password Management with encryption to authenticate the users
- Single Sign-on can be implemented across the Organization for the Application
- User-friendly interface for ease of the end-user

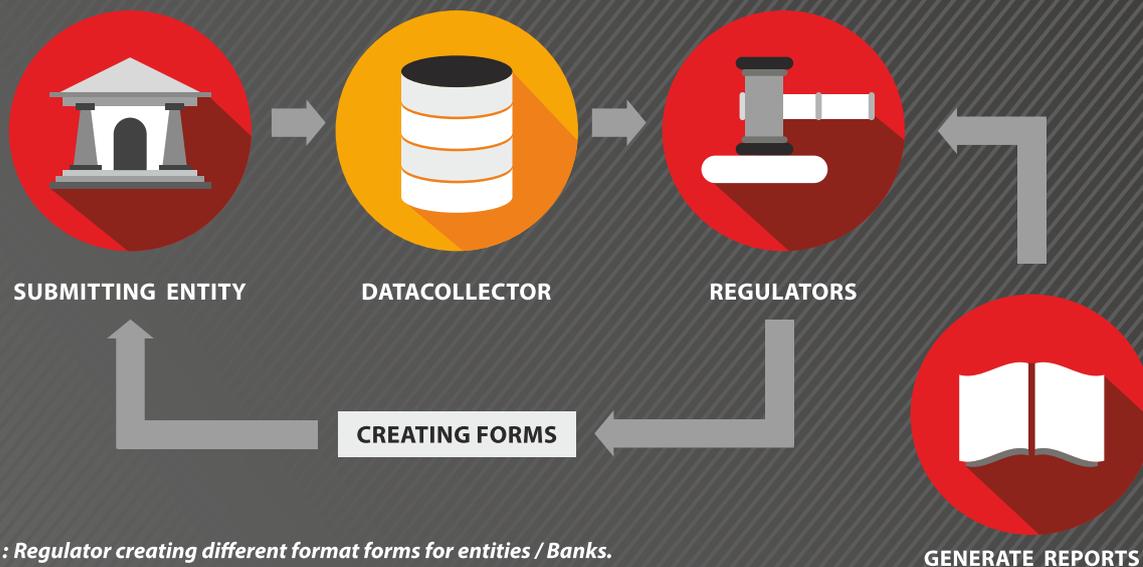**Q. WILL DATACOLLECTOR PROVIDE REPORTS / MIS?**

A. Yes. DataCollector can be used to generate different reports, such as aggregate reports, branch-wise reports, submission summaries, and audit trail reports as well as it can generate different derived ratios. The reports can be presented graphically for better understanding.

Q. HOW DOES THE SYSTEM ENSURE THE SUBMISSION OF CORRECT DATA?

A. Complex validation and data quality enforcement rules can be created at the time of format creation. The application checks these rules at the time of data submission and ensure submission of correct data. Validation rules can be based on comparison of currently submitted vis-a-vis earlier submitted data or another set of data available to the Apex organization. Maker-checker facility is available at the time of submission. Further, it enables Apex organization to reject the data in case of discrepancies / inconsistencies.

Q. WHAT IS THE WORKFLOW OF DATACOLLECTOR APPLICATION?

A.

SUBMITTING ENTITY → DATACOLLECTOR → REGULATORS

CREATING FORMS

GENERATE REPORTS

Step 1 : Regulator creating different format forms for entities / Banks.
Step 2 : Entities / Banks provide the data through DataCollector Application to Regulator.
Step 3 : Regulator can generate reports over data submitted by entities / Banks.
Step 4 : Regulator can publish the entity / Bank-wise reports.

Q. HOW FLEXIBLE IS DATACOLLECTOR?

A. The flexibility of DataCollector lies in its ability to handle variety of data collection formats - tables with multiple columns with formulas across columns, tables with variable number of rows, etc. The system allows full flexibility in the format of data collection and mode of submission.

Q. WHO AND HOW MANY PEOPLE IN THE ORGANIZATION CAN SIMULTANEOUSLY USE DATACOLLECTOR?

A. DataCollector does not have any inherent restrictions on the number of users of the application. It supports up to 250 concurrent users

Q. DOES DATACOLLECTOR PROVIDE ANALYTICAL TOOLS?

A. Yes. The application has a powerful analytical expression building capability using which users can define new financial ratios and other performance indicators based on the data items collected e.g. Ratio of Current Liability to Current Asset, Credit-Deposit Ratio, etc.
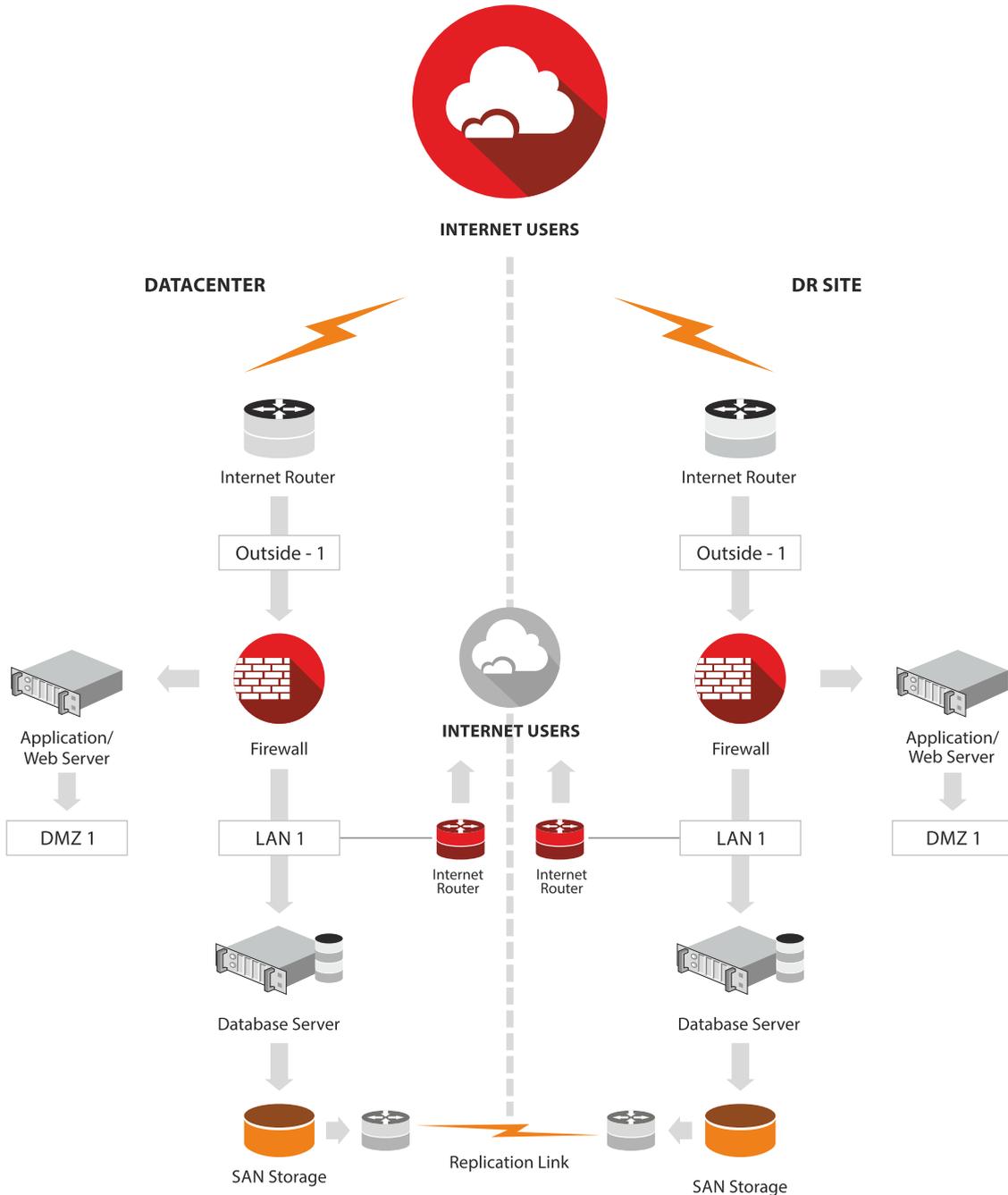
Q. WHAT ARE THE ADDITIONAL MODULES / FUNCTIONALITIES AVAILABLE ON DATACOLLECTOR?

A. • **Inspection module:** This module facilitates capturing of information about inspection schedule, budget and recommendations prepared at RO level.

• **FATCA:** This module facilitates ("FIs") to report information regarding U.S. accountholders and 'substantial owners' to limit offshore tax evasion as per IGA model 1 or 2.

• **Risk Based Supervision module:** This module facilitates a forward-looking supervisory review process that depends on detailed risk profiling of the supervised entity. It enables the supervisor to prioritize and allocate supervisory resources according to entity's risk profile.

Q. HOW DOES THE SOLUTION ARCHITECTURE LOOK?

A. Solution architecture diagram is shown below:

REPRESENTATIVE LOGICAL ARCHITECTURE FOR DEPLOYMENT OF DATACOLLECTOR IN A LARGE ORGANIZATION

INTERNET USERS

DATACENTER

DR SITE

Internet Router

Internet Router

Outside - 1

Outside - 1

Application/
Web Server

Firewall

INTERNET USERS

Firewall

Application/
Web Server

DMZ 1

LAN 1

Internet
Router

Internet
Router

LAN 1

DMZ 1

Database Server

Database Server

SAN Storage

Replication Link

SAN Storage

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