

# Central Reporting System



**MANNAI CORPORATION** QSC

Totally **COMMITTED** to provide  
**OUTSTANDING** level of services to clients

## PRODUCT OVERVIEW

The Central Reporting System is a country wide real-time financial transaction monitoring system. The system will capture all such required financial transactions happening in the country and send it to the Central Bank or the Financial & Monetary Governing body for the country for analysis & alert generations on a real-time basis.

This system will help the Central Bank in monitoring the transactions by individuals or groups of individuals, irrespective of the mode of transaction, in order to identify and root out money laundering activities.

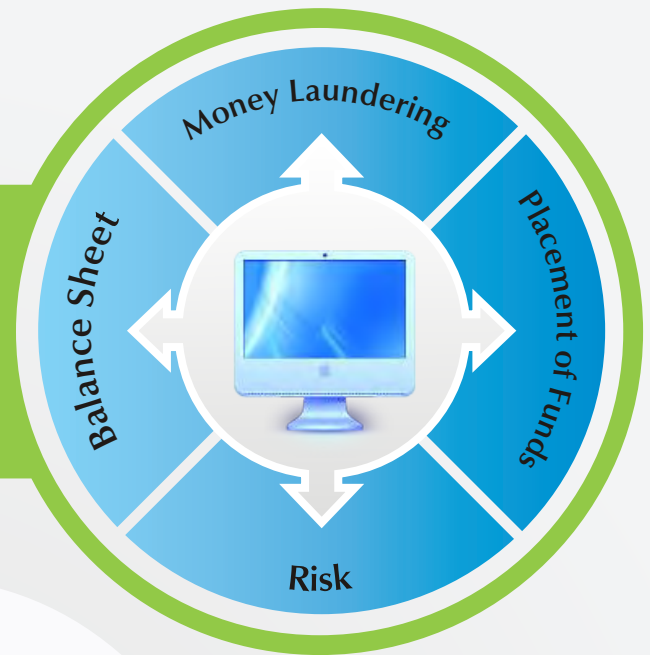
“ The CRS solution has been successfully deployed in all Financial Institutions under the Central Bank of Qatar - 17+ Banks, 22+ Exchanges ”

The Next Generation Innovation

[www.mannainfotech.com](http://www.mannainfotech.com)

# CRS SOLUTION

RULE-BASED System to CONTROL



## MODULES

Main CRS Modules

Extraction Engine

Rule Based Engine

Online Data Store

Data Analyzers

Extensive Data Warehouse

Web Interface

## SERVICES

### Bank CRS

The Bank CRS is a country wide real-time banking transaction monitoring system. The system will capture all bank transactions happening in the country and send it to the Central Bank for analysis & alert generations on a real-time basis. It will also enable the Central Bank to monitor the financial statements such as Balance Sheet, Placement of funds and Risk control as well as Individual & Corporate transactions for each bank in the country.

### Exchange CRS

The Exchange CRS is an automated system for monitoring Money Exchange Transactions for Anti Money Laundering and controlling Terrorism funds. It helps the Central Bank to monitor online transactions (such as Currency Exchange and Online Remittance) made by all Exchange houses by capturing such information from the exchanges. The information captured can also be analyzed to identify the suspicious transactions. Financial Statements of Exchange houses are also captured & monitored.

## PLATFORM

The Anti-Money-Laundering & Remote Inspection system is accessible via any standard browser, regardless of operating system or platform.

### THE REAL-TIME EXTRACTION ENGINE

This module captures transactions of various types happening with any financial institution in the country on a real time basis and is typically deployed at the member institutions (banks/exchanges)

### THE RULE BASED ENGINE

This module allows the creation of various transaction monitoring rules by the Central Bank. The rule engine is highly parameterized and allows creation of rules according to international standards.

## THE ONLINE DATA STORE

All the transactions captured are stored in this data store. It contains all transactions extracted based on the rules set in the rule based engine.

## THE DATA WAREHOUSE

Each day's, transactions are stored permanently in this Data Warehouse. The data warehouse provides room for extensive analysis on the transactions.

## THE DATA ANALYZERS

The data analyzers are the tools which allow the Banking Control, Risk Control and other departments, to analyze and make decisions based on the captured/warehoused data. The data can not only be analyzed from the data warehouse, but also from the real-time transactions source.

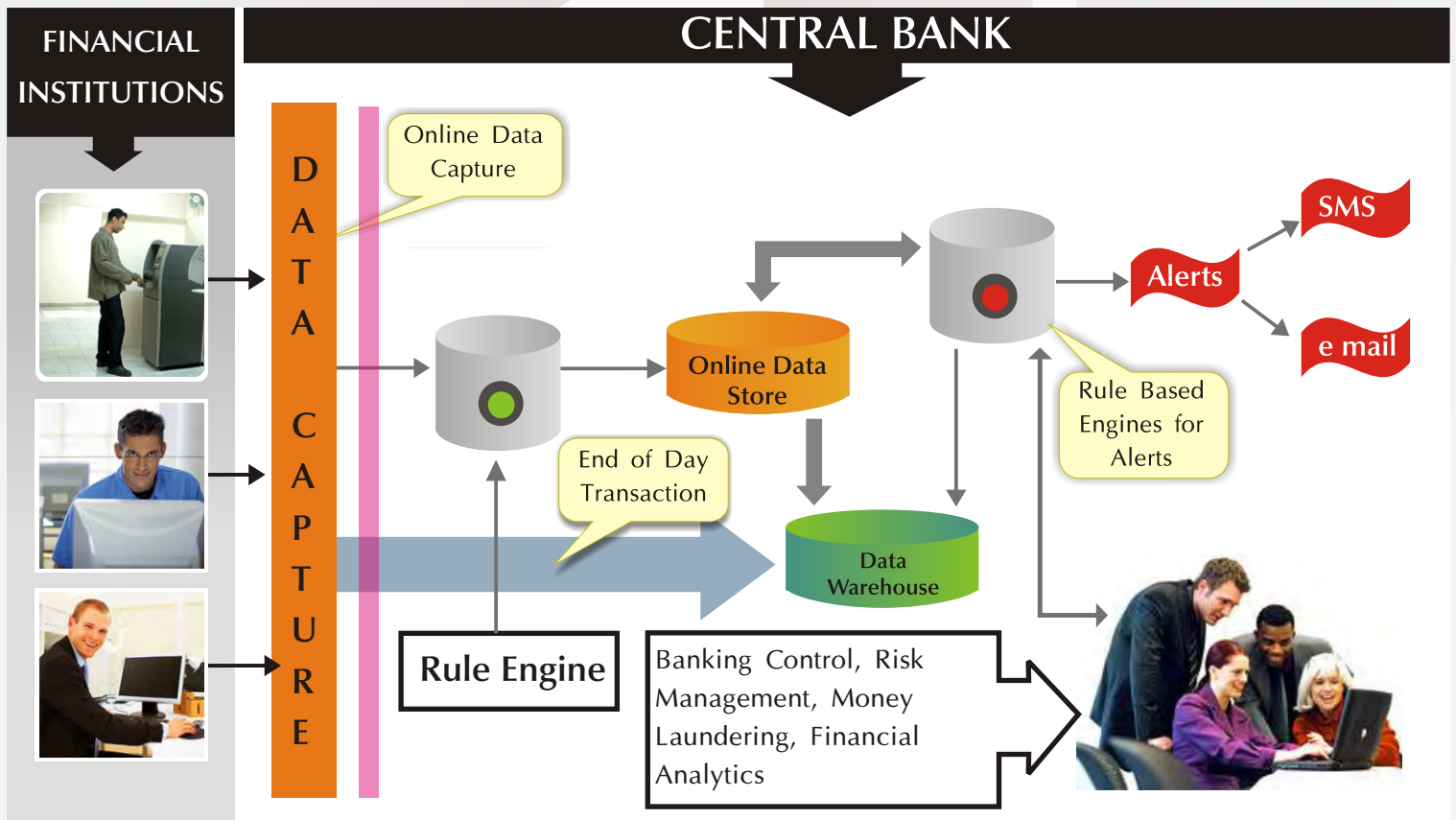
## WEB INTERFACE

It is the interface for the Central Bank to manage the system. Users are allowed to access this application based on privilege level.

The Central Bank users have all the privileges to control this system using the interface

“ Mannai has invested 30+ Man-Years in developing this unique solution ”

## ARCHITECTURE



# FEATURES

- Controls money flow and Risk
- Integration of all major financial institutions (like Banks, Exchange Houses, etc.) with the central financial governing body
- Captures Transaction data on real-time basis
- Captures Balance sheet and other major financial statements data on daily basis
- Uses a Rule Based System to generate alerts for suspicious transactions
- Reduces Manual work for analysis of huge volumes of data
- Analytical charts and diagrams available for one-shot analysis of trends
- Flexible role-based management through web interface
- Supports online and real-time circulars to all connected financial institutions
- Supports defining rules even for financial statements to help alert the Central Bank regarding any dangers in financial standing of the bank or the exchange



# LOOK & FEEL

# SOLUTION HIGHLIGHTS

- System to integrate country-wide financial institutions
- Helps combat money laundering in the ongoing war on terrorism
- Facilitates the decision-making process of the Central Monetary Governing body

# KEY BENEFITS

- The system can help the Central Bank in monitoring the placement of funds and risk coverage for all the financial institutions in a country.
- The Central Bank can study the total funds placed by its member institutions in various countries and currencies.
- The Central Bank can setup rules in the rule engine, which will send out alerts if a Financial Institution or a single individual tries to place more money in a country/currency than the set threshold value.

# REPRESENTATIVE CLIENTELES

We have implemented the CRS framework for the Central Bank of Qatar



All financial institutions in Qatar now have to mandatorily roll under the CRS framework. A few representative Financials Institutions currently fall under this framework:

## Banks



## Exchange Houses



Integrates with:



... and many more

**NB:** Post implementation of CRS, Mannai has also provided the managed services for CRS at QCB and across all the FIs of Qatar



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Totally committed to provide  
outstanding level of services to  
clients

# CRS

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