SIRMA
SOLUTION YOU CAN BANK ON

Presents

Your Hybrid Automation Buddy

About us

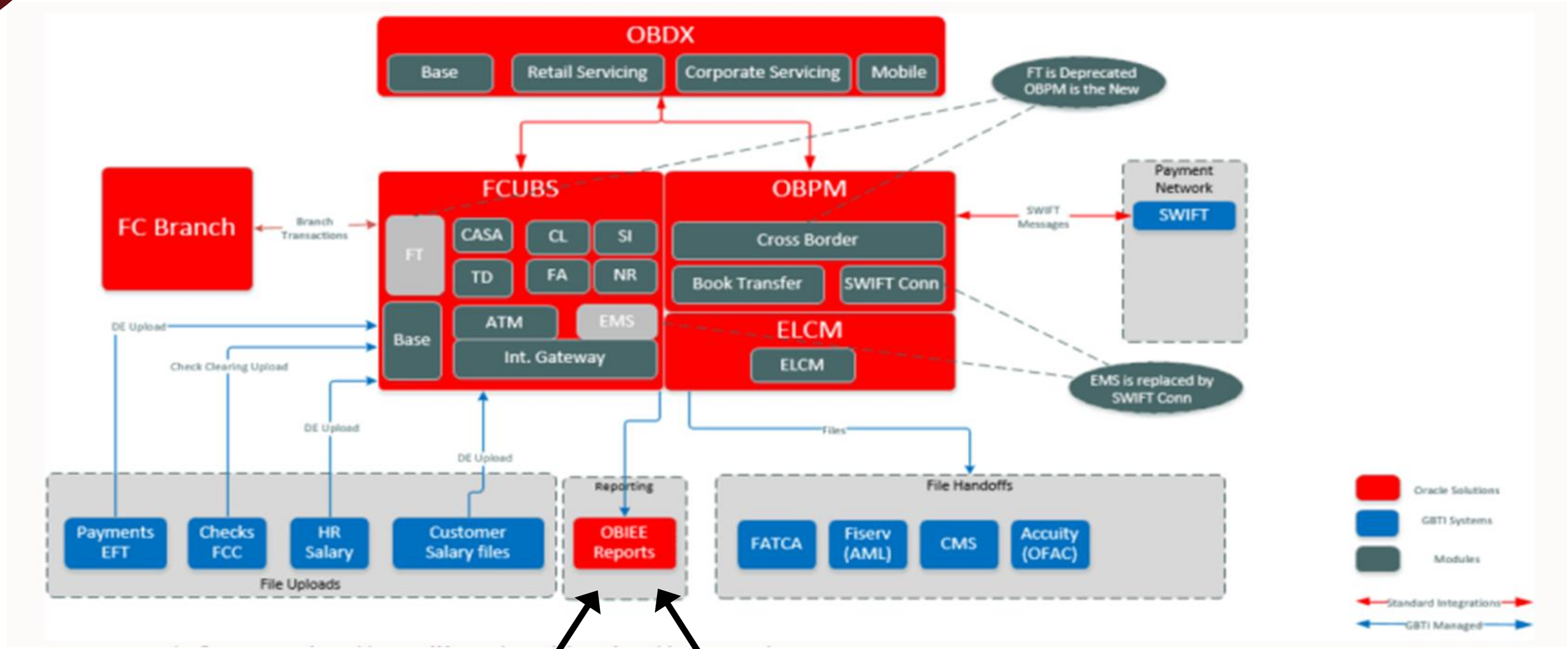
SIRMA
SOLUTION YOU CAN BANK ON

SIRMA Business Consulting has done extensive research to develop leading-edge business applications and solutions.

ORACLE
FLEXCUBE

SIRMA is a **Gold Partner of Oracle.**

Flexcube

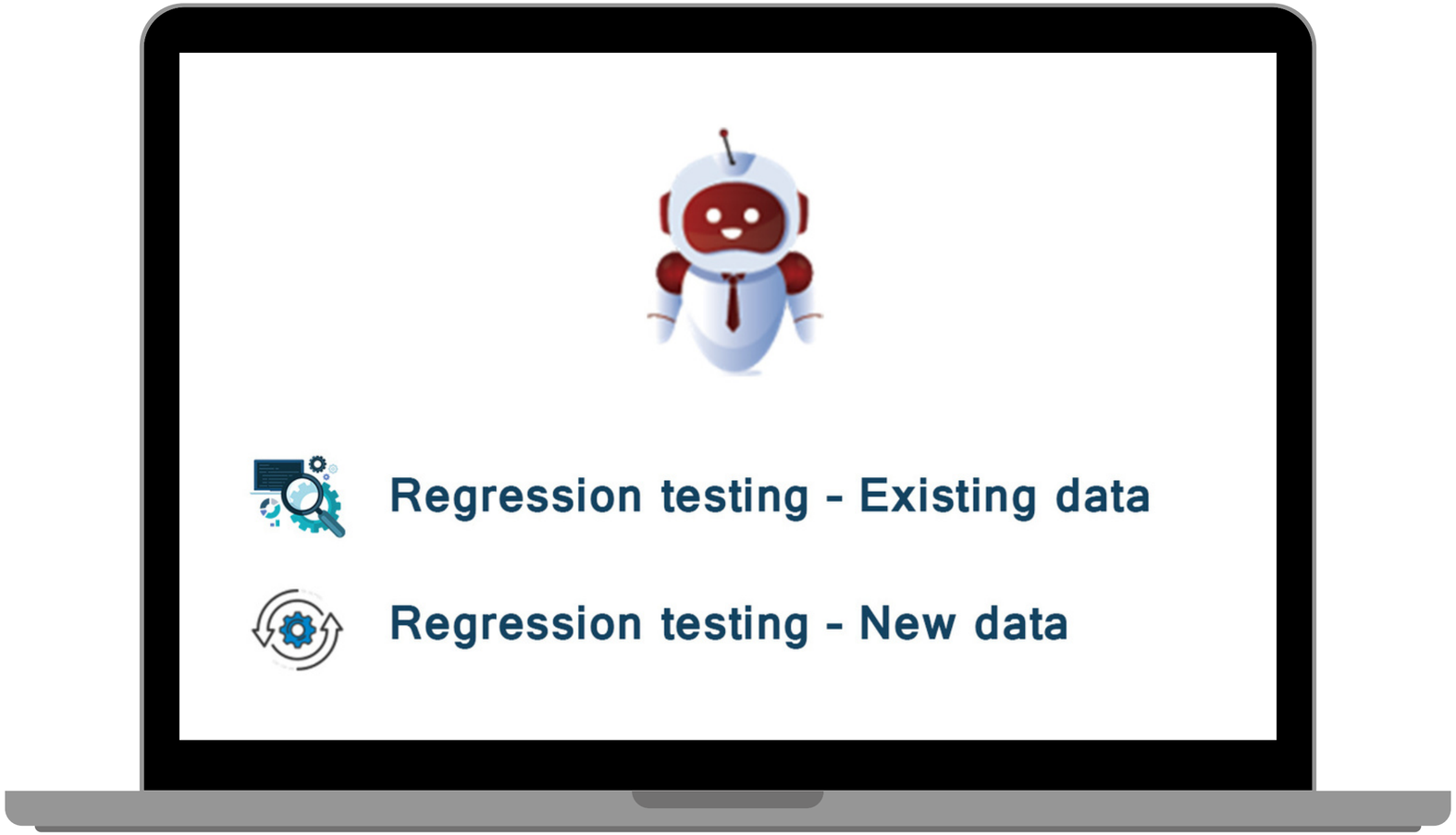


REGULATORY

REGULATORY

Introduction of iBorg

List Of Use Cases In Test Automation



Regression Testing – Existing Data

01

TESTING

Supports testing on existing data i.e., data existing before application of the patchset or legacy data

02

EXECUTION

Supports execution of all the test cases from one user or multiple users

03

TRANSACTION

Supports transaction through auto authorization and Maker & Checker

04

PERFORM & VALIDATE

Supports performing test cases and validation of results

Regression Testing – Existing Data

Benefits of Automating Regression Testing – Existing Data

Manual Process

The sample test cases usually take 3-4 hours.
1 Week to perform Regression Testing – Existing Data for 3-4 resources

- Logs into Flexcube
- Fetch value of branch code
- Create new loan application and account details
- Authorize the application
- Logout of Flexcube
- Repetition process for 2nd time
- Changes maturity date and interest rate
- Repetition of process for the 3rd time
- Logs into Flexcube and perform moratorium roll
- Repetition of process for the 4th time
- Logs into Flexcube and changes penal interest
- Repetition of process for the 5th time
- Logs out of Flexcube

Automated Process

3-4 mins to perform Regression Testing – Existing Data
3-4 hours to perform Regression Testing – Existing Data

- Creating new loan application and authorization
- Changing the maturity dates and interest rates and authorizing
- iBORG authorizes the application in dynamic manner
- iBORG perform moratorium roll and authorizes over period
- iBORG changes the penal interest and authorizes it
- iBORG generating the loan statement

Regression Testing - New Data

01

EXECUTION

Generates new data in Flexcube and performs testing on same

03

MONITORS

Stores and read newly created data and uses them for subsequent test cases

05

REPORTS

Generates reports along with dashboad view

04

AUTOMATED

Transactions and operations are conducted sequentialy

02

TESTING

Supports testing on new data generated

Regression Testing - New Data

Benefits of Automating Regression Testing – New Data

Manual Process

3-4 hrs of sample testing
One week for performing regression testing new data

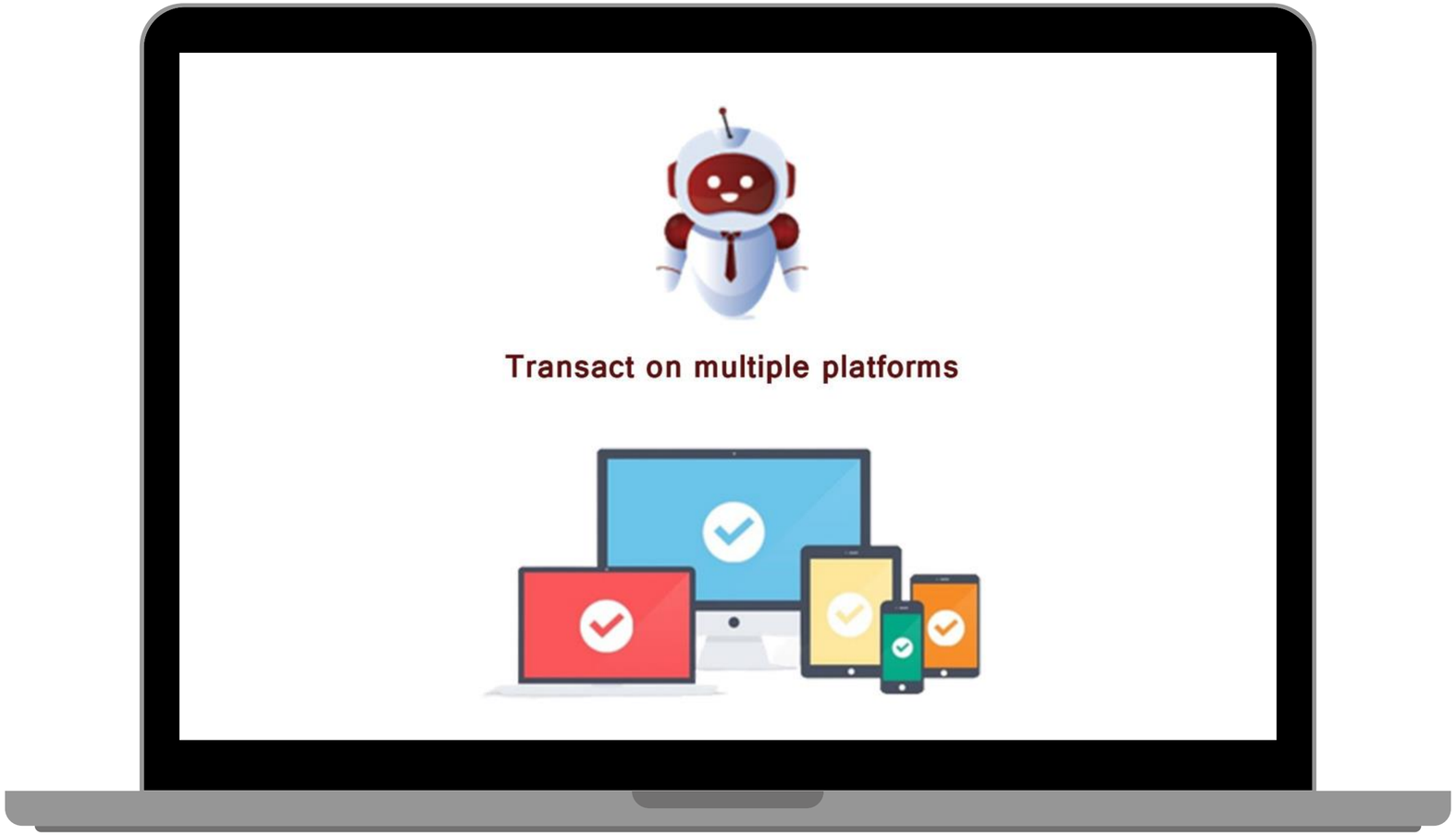
- Preparing file all transaction details
- Logs into flexcube
- Enters members details and creates member
- Enters and create account details
- Input transaction details for cash deposit and withdrawals
- Input denomination details and checks balance
- Logs out of flexcube

Automated Process

3-4 minutes to perform sample testing
3-4 hours to perform regression testing - new data

- iBORG logs into flexcube
- Process member creation
- Create account creation
- iBORG performs multiple transactions and checks balance
- Generate loan statement

List Of Use Cases In Mobile Automation



Transaction On Multiple Platform

- Drastic movement of use of mobiles from laptops/desktops.
- Testing would require handling operations in mobile and desktop environments.
- iBORG supports performing operations in mobile, laptops and desktops.
- A single use case can involve handling the test case in mobile and desktop.

Transaction on Multiple Platform

Benefits of Automating Transaction on Multiple Platform

Manual Process

30- 45 mins to complete one transaction

- Creation of file with all transactions data
- Logs in to Mobile App
- Enters Payment Details and M-pin
- Sends Payment
- Checks Account Balance
- Logs Out of Mobile App
- Logs in to Web App
- Validates A/C Balance
- Logs Out of Web App

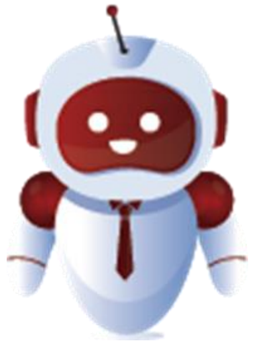
Automated Process

1min 30secs to complete one transaction

One robot for multiple platforms

- Creation of file with all transactions data
- iBORG performs the transaction in Mobile App
- iBORG Validates the transaction in Web Platform
- iBORG generates report
- iBORG validates the transaction done from Web Platform

List Of Use Cases In Process Automation



EOD(END OF THE DAY PROCESS)

PAYROLL

PERSONAL DATA VERIFICATION

DB SPOOL

EOD (End of the Day Process)

EOD operation involves tasks and actions from multiple teams:

01

Conducting complete Pre EOD-Checks.

02

Tracking for authorization of all transactions

03

Taking backup and compression etc.

04

Running of End Of Cycle (EOC) process

05

Generation of reports

EOD (End of the Day Process)

End of day typically refers to the time the bank stops processing non-cash transactions through the Federal Reserve bank.

Benefits of Automating EOD Process

Manual Process

2-4 hours for 2-3 resources

- Log-in to Flexcube and take Pre-EOD Backup
- Running Branch EOD
- Starting and Monitoring EOD Process
- Logging to BIP
- Downloading Report
- Check the System dates
- summary screen
- Logout of Flexcube
- Sending email after completion
- of each process
- Pre-EOD and Post- EOD
- Backup taken

Automated Process

2- 3 hours for 1 resource
Automatic Notifications
No required of highly skilled resources
Addresses known issues

- iBORG takes the Pre-EOD Backup and Runs the Branch EOD
- iMonitors EOD Process
- Logs in to BIP and downloads report
- Logs out of BIP and check the system dates summary screen
- Switches to home branch and logs out from FLEXCUBE
- iBORG generates report
- Pre-EOD and Post-EOD backups taken in server

Payroll

Payroll

iBorg supports automation of complex activities

The use case we are showing involves processing of information received with minimal or unrelated data and which requires approvals at various levels

iBorg communicates with Bank Users and Vendors through emails.

- Provides updates
- Receives instructions

Benefits of Automating Payroll

Manual Process

1 week

- Preparing file with all payroll details
- Verifying data in payroll file
- Logs in to BIP
- Validates the customer account statuses
- Summarizing email of active customer accounts

Automated Process

15 mins, reduce errors, enhance accessibility

- Initiating iBORG and starting email listener
- iBORG verifies the data in excel and begins the process
- iBORG login to BIP and validates the members account statuses

Personal Data Verification

All banks wishes to have their data clean

Verification and validation of personal information is always a challenge

iBORG supports extraction of personal data & validation with the data in Flexcube

iBorg provides report of where there are mismatches

Personal Data Verification

Benefits of Automating Personal Data Validation

Manual Process

- Navigate to customer maintenance screen
- Verifying each customer details against the id card details
- Making changes in the excel file according to recent data
- Repeat the same process for each customer document details
- Logout of flexcube

Automated Process

- iBORG verifies the data present in flexcube and id cards and logs out
- iBORG generates a consolidated report to with all validatedcustomer details

DB Spool

Generation of spool file and issue analysis.

Benefits of Automating DB Spool

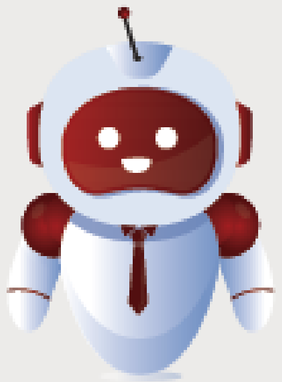
Manual Process

- Login to database
- Creation of Spool script
- Running a query to get the spool file from the data base
- Running a query to get the spool file from the data base
- Identifying the error
- Generation of spool file

Automated Process

- Input excel with the spool script and execute
- Spool file generation is taking place in background
- iBORG generated spool file in excel
- Analysis and report generated by iBORG

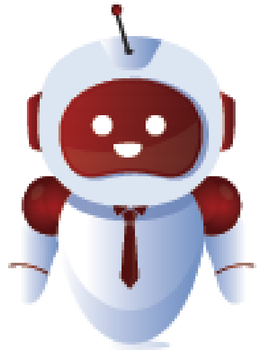
BENEFITS



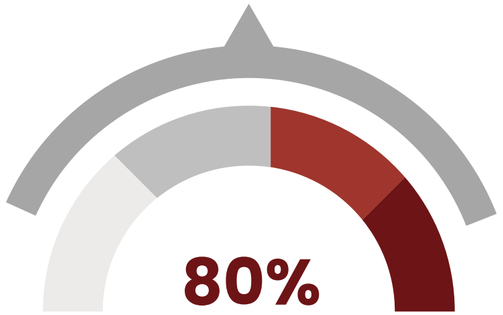
- Specially designed and developed for Banking Industry
- Wider test coverage across multiple systems
- One stop automation tool for all the automation requirements, no additional add-ins required
- Design and develop automation scripts within few minutes/hours vs days required in other tools
- ROI in short time span

WITH iBORG

Provides 100% accuracy while performing tasks



Reduces operational cost by 80%



- **Increases organization’s productivity**
- **Makes the process faster and efficient**
- **Highly scalable**
- **Provides security**

OUR HAPPY CLIENTS

TECU Credit Union

GBTI

FIDELITY BANK

Global Atlantic FINANCIAL GROUP

CONTACT US

BORG

THE X GEN HUMANOID

FOLLOW US

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THANK YOU

ANY QUESTIONS?

SIRMA
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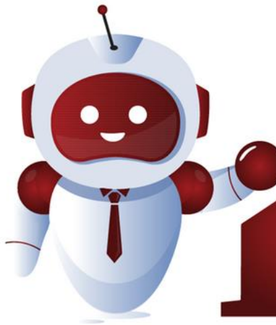
iBORG

Your Hybrid Automation Buddy

Hybrid tool | Versatility | Fast & Simple Integration | Single Tool for all business needs | Superior Efficiency | Easy to Use Interface | Easy human-like access across applications



iBORG

THE X GEN HUMANOID