INTRODUCTION:

CDR Analyst a Smart way of investigation, reduce time consumption and provide results in short time, Software is being used by several Law Enforcement Agencies all over INDIA like all States Law & Order Police, crime investigation departments, Intelligence departments, CBI, Income Tax, etc. This software is used for the data analysis of Mobile, IMEI and Tower Call Detailed Records (CDRs), Internet Protocol Detailed Records (IPDRs) and ILD (International CDRs).

This software has a user friendly and easy to Operate Application Interface, easy to import any file format (.xls, .xlsx, .csv, .txt, and .html), generates the automated data analysis results and provision to export (Single and Multiple CDRs) in different formats (.xls, .xlsx, .pdf, .doc) the analysis reports and has provision to Print the reports.

This software is used for easy importing of the Mobile, IMEI and Tower CDRs, IPDRs and ILD (International) CDRs, Tower Address mapping of the Cell IDs, generates the automated analysis reports of CDR like Summary, Max. Calls to other party, Max. Duration to other Party, Finds out common numbers between Mobile, IMEI and Tower CDRs(Area wise, Crime number wise, Network wise and Tower ID wise) , to find out the Uncommon Number of the Tower CDR, maintains the Suspect Mobile groups and Suspect IMEI groups and compares with the imported Mobile and Tower CDRs. Provision to Link the SDR Data in each report, shows the True Caller Info, etc.,

FEATURES:

Our CDR Analyst Software Features (<mark>User Friendly and Easy to Operate</mark>):

1. The following types of Data Analysis available in the software:
   1. **Mobile CDRs (Call Detailed Records)**
   2. **Tower BTS (Tower Dumps)**
   3. **IMEI CDRs**
   4. **IPDRs (Internet Protocol Detailed Records)**
      i. GPRS (Particular Mobile Number)
      ii. IPDR (Particular IP Uses Record)
      iii. IP ADDRESS (Particular Mobile IP Uses Records)
   5. **ILD (International CDRs)**

2. **Dashboard:**
   - Create Projects (Name and date) for analysis
   - Open Projects any time
   - Export / Import Complete Project for future
   - Quick Access of e-tools

3. **Mobile/Subscriber Data Uploading, Searching with:**
   - Mobile Number.
   - Alternate Number.
   - ID Proof
   - Name & Care of Name
   - Recursive Search with Mobile & ID Proof (All Connected Numbers)

4. **Tower Data Uploading, Searching Facility:**
   1. Cell id Search
   2. Search on Google MAP (local / Online) with AZIMUTH
   3. Tower Lat-Long Search with AZIMUTH
   4. Nearby Tower Search with AZIMUTH

5. **True Caller Search**

6. **MSC Code Database Manager**

7. **MCC, MNC, MSC, Pin code, STD Codes and ISD Codes Searching**

8. **Import:** Provision to import **Multiple Mobile CDRs** / **IMEI CDRs** / **Tower Dumps/ IPDRs** with several formats (.xls, .xlsx, .csv, .txt, .html) without changing / arranging the sequence of columns and without updating Date formats. No limit for Records count.

9. **Autofill Options** Tower Address and Subscriber Details at the time of Upload.

10. **Paging for Large Data Records / Custom Page Size**

11. **Analysis Reports CDRs**
    1. Sheet Summary like Total Records, Date Range, and Call Summary, Roaming Summary
    2. Maximum Called Numbers with Circle Name & Operator, First Call, Last Call, Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
    3. Maximum Location Cell id, Address, Lat-Long with Total Calls, Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
    4. Maximum Circle Calls with Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
    5. Daily First and Last Calls Details with Cell-ID Address.
    6. Maximum Call Duration with Circle Name & Operator, First Call, Last Call, Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
    7. Maximum IMEI with Total Calls Details.
    8. Daily IMEI Tracking with First Call Cell-ID Address.
    9. Daily First and Last Location with Call Time and Cell-ID Address.
    10. Separate Details For Roaming Calls.
    11. Link Analysis

12. **Analysis Reports BTS / Tower Dump**
    1. Sheet Summary like Total Records, Date Range, and Call Summary, Roaming Summary
    2. Maximum Called Numbers with Circle Name & Operator, First Call, Last Call, Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
    3. Maximum Circle Calls with Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
    4. Maximum Call Duration with Circle Name & Operator, First Call, Last Call, Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
    5. Maximum IMEI with Total Calls Details.
    6. Separate Details For Roaming Calls.
    7. Link Analysis

13. **Quick Analysis Filters**
    1. Date Filter
    2. Mobile Filter (Multiple Number at a time)
    3. Cell ID / Tower ID Filter (Multiple at a time)
    4. IMEI Filter
    5. Duration Filter (in Hours / Minutes / Seconds)
    6. Circle Filter
    7. Call Type Filter
    8. IMSI Filter
    9. Subscriber Address Filter
    10. Called A / Calling B Filter
    11. Time Specific every day Filter
    12. Delete Junk / Remove Unwanted Data

13. New Number Filter (after a Date number appears in CDR)
14. Unique Number Filter (with in date range Unique Numbers)

14. Search / Filter in All CDRs / Tower Dumps

15. Search / Filter in All CDRs / Tower Dumps and Merge

16. Bookmark Number / IMEI / Cell ID and Highlight with Color code

17. Advance Analysis Filters
  1. Date Filter With NOT in Range
  2. Mobile Filter
       i.   Multiple Numbers
       ii.   Contains
       iii. Equals
       iv.   Starts With
       v.   End With
       vi.   NOT
  3. Cell ID / Tower ID Filter (Multiple at a time)
       i.   Multiple IMEI
       ii.   Contains
       iii. Equals
       iv.   Starts With
       v.   End With
       vi.   NOT
  4. Cell ID / Tower ID Address Filter
  5. IMEI Filter
       i.   Multiple IMEI
       ii.   Contains
       iii. Equals
       iv.   Starts With
       v.   End With
       vi.   NOT
  6. Duration Filter (in Hours / Minutes / Seconds) with NOT
  7. Circle Filter Multiple Selection
  8. Call Type Filter Multiple Selection
  9. IMSI Filter
       i.   Contains
       ii.   Equals
       iii. Starts With
       iv.   End With
       v.   NOT
  10. Subscriber Address Filter

       i.   Contains

      ii.   Equals

    iii.   Starts With

    iv.   End With

     v.   NOT

11. Called A / Calling B Filter
12. Time Specific every day Filter
13. Unique Number Filter (with in date range Unique Numbers)
14. Geography Latitude Longitude Range Filter
15. International Call Filter
16. **SAVE and LOAD Search Criteria for Future use**

18. **Analysis Tools**

  1. **Mobile CDRs / IMEI CDRs / IPDRs Tools with Export Options**

       i.   Common Number

      ii.   Common Number with Filters

    iii.   Common Cell ID / Tower ID

    iv.   Common Location LAT Long

     v.   Common IMEI

    vi.   Common Number with Other Project CDRs / BTS

   vii.   Import Sheets from Other Project

  viii.   Multi CDR Common Calls (Matrix Format)

    ix.   All CDRs Summary

  2. **Tower Dumps / BTS / IMEI CDRs Tools with Export Options**

       i.   Common Number

      ii.   Common Number Only Calling A

    iii.   Common Number Only Called B

    iv.   Common Number with Filters

     v.   Common Cell ID / Tower ID

    vi.   Common IMEI

   vii.   Common Number with Other Project CDRs / BTS

  viii.   Import Sheets from Other Project

    ix.   All Group/Sheets Summary

     x.   Group Network

    xi.   Group Connectivity

   xii.   Tower Inner Calls

  xiii.   Multiple IMEI Single Number

  xiv.   Multiple Number Single IMEI

  3. **Daily Calls Tools with Export Options**

       i.   Calls Summary

      ii.   First Calls

      iii. Last Calls

      iv. First & Last Calls

      v. First & Last Location

      vi. IMEI Tracking

      vii. Conference Call

      viii. Max Night Location with Time Range

4. **GRAPH (2D-3D / Pie Chart / Bar Chart)**
   i. MAX Circle Call
   ii. MAX Call Chart
   iii. MAX Location
   iv. MAX Duration
   v. MAX Duration with IN-OUT
   vi. MAX IMEI

5. **Google MAP**
   i. Root MAP
   ii. Root MAP Animation
   iii. Location MAP
   iv. Location MAP Date wise
   v. Multiple Date Location MAP
   vi. Multiple Users Location Mapping
   vii. Export KML file for Google Earth

6. **EXPORTS**
   i. Export Selected Analysis Report
      1. Text CSV (Comma Separated)
      2. Text (TAB Separated)
      3. HTML (Web Pages)
      4. Excel (.xls, .xlsx)
      5. XML
      6. PDF
      7. Word
   ii. Export All Analysis Reports (By A Party) in Excel
   iii. Export All Analysis Reports in Excel
   iv. Export Multiple CDRs on Single Click

7. **EXPORT PRINT Format in Excel**
   i. Corrected Sheet
   ii. Max Call
   iii. Max Duration
   iv. Max Location
   v. Max IMEIA
   vi. Daily IMEIA Track
   vii. Daily First & Last Call

viii.   Daily First & Last Locations
ix.   Export All Analysis Reports in one Excel

19. **Extra Tools for Analysis**
1. Merge Sheets
2. Update Subscriber Address
3. Update Tower Address
4. IP Details Update
5. Suspected Mobile Filter
6. Suspected IMEI Filter
7. Police Data Filter
8. True caller Update
9. Handset Details
10. Remove Duplicate Data from Project
11. Remove Duplicate Data from Sheet
12. Remove Junk Data

20. **Suspect Database Master**

21. **Police Database**

22. **SPY Link**
1. Link Creation
2. Report of Link with IP, OS, Date time etc.

23. **Export Setting :** Select Column and Column order for export of each Analysis Report

24. **UTILITY Tools**
1. File Splitter
2. Excel Splitter
3. CSV to Excel
4. Excel and Text Column Splitter

25. **Multiple Database Setting and Access**

26. **Database Backup & Restore**

27. **E-Tools**
1. Lat-Long Distance Tool
2. Hexa Decode Tool
3. Port Enquiry
4. Aadhar Information
5. Pan Card Search

6. Voter ID Search
7. IMEI Handset Search
8. Toll Information
9. Vehicle-RC Information
10. Driving License Information
11. Vehicle Mobile No. (PUC)
12. Landline Search
13. IP Information Search (BULK)
14. Domain Who is Search
15. DNS Look Up
16. Email Header Analyzer

28. **Settings**
    1. Operator Setting for **SDR Import**
    2. Headers Setting for Import **CDRs / IPDRs / Tower Dumps**
    3. Call Types. for Import **CDRs / IPDRs / Tower Dumps**
    4. Roaming Circle Management for Import **CDRs / IPDRs / Tower Dumps**
    5. Tower Master Setting for Tower Address Import