



## INTRODUCTION:

**CDR Analyst Pro** is 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**), General Packet Radio Service (**GPRS**) 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, GPRS 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 (User Friendly and Easy to Operate):

1. The following types of Data Analysis available in the software:
  1. **CDRs** (Call Detailed Records)
    - i. **Mobile Number CDRs**
    - ii. **IMEI CDRs**
  2. **IPDRs** (Internet Protocol Detailed Records)
    - i. **Mobile Number IPDR / IP Address Records**
    - ii. **IMEI IPDR / IP Address Records**
    - iii. **Public IP IPDR / IP Address Records**
    - iv. **Destination IP IPDR / IP Address Records**
  3. **GPRS** (General Packet Radio Service)
    - i. **Mobile Number IPDR / IP Address Records**
    - ii. **IMEI IPDR / IP Address Records**
  4. **Tower BTS (Tower Dumps)**
    - i. Tower Call Detailed Records
    - ii. Tower IPDR (IP Records)
    - iii. Tower GPRS
  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 (Port Enquiry, Aadhar Information, Voter Id, IMEI Search, Toll Information, Driving Licence Information, SPY Link etc)
  - Forensic Tools
    - Media Files:
      - Software / Links for Media files (Images/ Audio / Video) Processing
    - Website Related:
      - Website Change Monitoring (deleted websites / Change website)
    - Cell Towers
      - STRT Mobile APP
      - Cell ID Search, Tower CGI Search
    - Outlook Tools
      - Outlook Attach View, Outlook Address View, Outlook Stat View
    - Network
      - Domain Information, Proxy Detector, Autopsy Digital Forensics, Metadata Capturing, Email Header Analysis etc.
    - System
      - Web Cache Image information, Search My Files Advance, Turned on Times View, Last Activity View etc

- Password Tools
    - Wireless Key View, Outlook Lost Password, Web Browser Password, Network Password Recovery etc.
  - Browser Tools
    - History View, Vault Password View, Data Protection De-Cryptor, Credentials File View, Web Cache Image Info etc.
- 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 (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 / IPDR Dumps / GPRS / GPRS Dump** 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. Import Multiple Type of Files (CDR, Tower Dump, GPRS, GPRS Dump, IPDR, IPDR Dump) in One Project**
- 10. Autofill Options** Tower Address, Subscriber Details, Handset Details and IP Organization/ APP Name/ Website Name (IPDR) at the time of Upload.
- 11. Paging for Large Data Records / Custom Page Size**
- 12. Bookmark in Project and Highlight with color in all sheets.**
1. Bookmark on Mobile, IMEI, Cell ID, Destination IP
  2. Highlight with different colors
  3. Work in Individual Project.

### 13. Analysis Reports CDRs

1. Sheet Summary like Total Records, Date Range, and Call Summary, Roaming Summary
2. Formatted Sheet with all details.
3. 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.
4. Maximum Location Cell id, Address, Lat-Long, First Last Call with Total Calls, Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
5. Maximum Circle Calls with Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
6. Daily First and Last Calls Details with Cell-ID Address.
7. 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.
8. Maximum IMEI with Total Calls Details.
9. Daily IMEI Tracking with First Call Cell-ID Address.
10. Daily First and Last Location with Call Time and Cell-ID Address.
11. Separate Details For Roaming Calls.
12. Link Analysis

### 14. Analysis Reports IPDRs

1. Sheet Summary like Total Records, Date Range, and IP Summary, Roaming Summary
2. Formatted Sheet with Number, Name/Address, Public IP, Destination IP & Port with Organization Details, Source IP & Ports with Details, Cellid, Address, Lat-Long, Data upload-Download and Datetime.
3. Maximum IP Sessions with Number, Name/Address, Public IP, Destination IP, Organization with Total Used.
4. Maximum IP Port show Number, Name/Address, Public IP, Destination IP, Organization & Destination Port with Details Total Used & Duration.
5. Maximum Port show Number, Name, Public IP and Destination Port with Details Total Used & Duration.
6. Maximum APP-Website show Number, Name/Address, Public IP and Website-App Total Used & Duration.
7. Maximum Location show Cell id, Address, Lat-Long with Total Calls with First Used & Last Used Date time.
8. Maximum Location IP show Cell id, Address, Lat-Long with Destination IP Total used & Public IP, Destination IP, Number, Name/Address.
9. Maximum Circle Calls with Total Call.
10. Daily First and Last Website/Destination IP Used Details with Cell-ID Address.
11. Maximum IMEI with Total Calls Details.
12. Daily IMEI Tracking with First Call/Website/Destination IP Cell-ID Address.
13. Daily First and Last Location with Call/Website/Destination IP Time and Cell-ID Address.
14. Separate Details For Roaming Calls.

### **15. Analysis Reports GPRS**

1. Sheet Summary like Total Records, Date Range, and Call Summary, Roaming Summary
2. Formated Sheet with all details including Source IP and Port.
3. Maximum Called Numbers with Circle Name & Operator, First Call, Last Call, Total Calls.
4. Maximum Location Cell id, Address, Lat-Long, First Last Call with Total Calls.
5. Maximum Circle Calls with Total Call-In, Total Call-Out, Total Sms-In, Total Sms-Out and Roaming Call Details.
6. Daily First and Last Used Details with Cell-ID Address.
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.

### **16. Analysis Reports BTS / Tower Dump Call Records**

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

### **17. Analysis Reports IPDR Dump**

1. Sheet Summary like Total Records, Date Range, and IP Summary, Roaming Summary
2. Formatted Sheet with Number, Name/Address, Public IP, Destination IP & Port with Organization Details, Source IP & Ports with Details, Cellid, Address, Lat-Long, Data upload-Download and Datetime.
3. Maximum IP Sessions with Number, Name/Address, Pubic IP, Destination IP, Organization with Total Used.
4. Maximum IP Port show Number, Name/Address, Pubic IP, Destination IP, Organization & Destination Port with Details Total Used & Duration.
5. Maximum Port show Number, Name, Pubic IP and Destination Port with Details Total Used & Duration.
6. Maximum APP-Website show Number, Name/Address, Pubic IP and Website-App Total Used & Duration.
7. Maximum Location show Cell id, Address, Lat-Long with Total Calls with First Used & Last Used Date time.
8. Maximum Location IP show Cell id, Address, Lat-Long with Destination IP Total used & Public IP, Destination IP, Number, Name/Address.
9. Maximum Circle Calls with Total Call.
10. Maximum IMEI with Total Calls Details.
11. Separate Details For Roaming Calls.

## 18. 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. Destination / Public / Source IP Filter (Multiple IPs at a time)
5. Destination / Public / Source PORT Filter
6. IMEI Filter
7. Duration Filter (in Hours / Minutes / Seconds)
8. Circle Filter
9. Call Type Filter
10. IMSI Filter
11. Subscriber Address Filter
12. Called A / Calling B Filter
13. Time Specific every day Filter
14. Delete Junk / Remove Unwanted Data
15. New Number Filter (after a Date number appears in CDR)
16. Unique Number Filter (with in date range Unique Numbers)
17. Unique IP Filter (with in date range Unique Public / Source IP)

## 19. Search / Filter in All CDRs / Tower Dumps / IPDRs / IPDR Dumps

## 20. Search / Filter in All CDRs / Tower Dumps and Merge

## 21. 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
  - i. Multiple IMEI
  - ii. Contains
  - iii. Equals
  - iv. Starts With
  - v. End With
  - vi. NOT
4. Cell ID / Tower ID Address Filter
5. Destination / Public / Source IP Filter
  - i. Multiple IPs
  - ii. Contains
  - iii. Equals
  - iv. Starts With
  - v. End With
  - vi. NOT

6. Destination / Public / Source PORT Filter
  - i. Contains
  - ii. Equals
  - iii. Starts With
  - iv. End With
  - v. NOT
7. IMEI Filter
  - i. Multiple IMEI
  - ii. Contains
  - iii. Equals
  - iv. Starts With
  - v. End With
  - vi. NOT
8. Duration Filter (in Hours / Minutes / Seconds) with NOT
9. Circle Filter Multiple Selection
10. Call Type Filter Multiple Selection
11. IMSI Filter
  - i. Contains
  - ii. Equals
  - iii. Starts With
  - iv. End With
  - v. NOT
12. Subscriber Address Filter
  - i. Contains
  - ii. Equals
  - iii. Starts With
  - iv. End With
  - v. NOT
13. Called A / Calling B Filter
14. Time Specific every day Filter
15. Unique Number Filter (with in date range Unique Numbers)
16. Geography Latitude Longitude Range Filter
17. International Call Filter
18. **SAVE and LOAD Search Criteria for Future use**

## 22. Analysis Tools

1. **Mobile CDRs / IMEI CDRs / IPDRs Tools with Export Options**
  - i. Common Number / IP
  - ii. Common Number / IP with Filters
  - iii. Common Cell ID / Tower ID
  - iv. Common Location LAT LONG
  - v. Common IMEI
  - vi. Same Location Same Time
  - vii. Call Between a Party Mapping
  - viii. Common Number/ IP with Other Project CDRs / BTS
  - ix. Import Sheets from Other Project
  - x. Multi CDR Common Calls (Matrix Format)
  - xi. All CDRs Summary
  - xii. Un-Common Number / IP

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

- i. Common Number / IP
- ii. Common Number / IP Only Calling A
- iii. Common Number / IP Only Called B
- iv. Common Number / IP with Filters
- v. Common Cell ID / Tower ID
- vi. Common IMEI
- vii. Common Number / IP with Other Project CDRs / BTS
- viii. Common Location
- ix. Un-Common Number / IP
- x. Import Sheets from Other Project
- xi. All Group/Sheets Summary
- xii. Group Network**
- xiii. Group Connectivity**
- xiv. Tower Inner Calls**
- xv. Multiple IMEI Single Number**
- xvi. Multiple Number Single IMEI**
- xvii. Time Slot Analysis Using Mobile Numbers** (Provision to Create / Customize any time slot and find Common, un-common, Present-Absent in any time slot)
- xviii. Time Slot Analysis Using IMEI** (Provision to Create / Customize any time slot and find Common, un-common, Present-Absent in any time slot)

## 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/Hold Calls
- viii. Switch off Report
- ix. IMEI Summary
- x. BTS Summary (Tower wise Summary)
- xi. 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. Location MAP Multiple date wise
- vi. Multiple Date Location MAP
- vii. Multiple Users Location Mapping
- viii. Export KML file for Google Earth
- ix. Intersect Point Report

## 6. IPDR/Internet

- i. Apps /website Summary by Frequency
- ii. Apps /website Summary by Duration
- iii. By UP Volume
- iv. By Down Volume
- v. Top 10 Apps Category
- vi. B Party Records
- vii. Voip Calls Identifications

## 7. 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

## 8. 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. Max Session IP
- x. Max IP Port
- xi. Max Port
- xii. Max Location IP
- xiii. Max App-Website
- xiv. Export All Analysis Reports in one Excel

### **23. Extra Tools for Analysis**

1. Update Subscriber Address
2. Update Tower Address from Local
3. Update Tower Address from Online
4. Update IP Organization from Online
5. Update True caller from Online
6. Update Handset Details
7. IP Details Update
8. Suspected Mobile Filter
9. Suspected IMEI Filter
10. Police Data Filter
11. Update SMS DLT Decode
12. Update Last CellID
13. Merge Sheets
14. Merge Sheets by Mobile Number
15. Merge Sheets by IMEI
16. Rename Sheet
17. Remove Duplicate Data from Project
18. Remove Duplicate Data from Sheet
19. Remove Junk Data

### **24. Tower on MAP (Cell-ID location on Map)**

1. Cell-ID on Map Location with Azimuth
2. Show same location Cellid of all operators
3. Show nearby towers based on distance on map

### **25. Suspect Database Manager**

### **26. Police Database**

### **27. SPY Link**

1. Link Creation
2. Report of the Link with IP, OS, Date time etc.

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

### **29. UTILITY Tools**

1. File Splitter
2. Excel Splitter
3. CSV to Excel
4. Excel Remove Special Character
5. Excel and Text Column Splitter

### **30. Multiple Database Setting and Access**

### **31. Database Backup & Restore**

### 32. 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
17. Lat-Long Distance Tool
18. UTC To IST Tool
19. Train Search
20. MP Vehicle Search

### 33. 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

### 34. OSINT - Open-Source Intelligence (Extra Pre-Paid Service based on Report)

1. Basic Information Via Mobile
2. Basic Information Via PAN
3. All Possible UPI Via Mobile
4. Bank Details Via UPI
5. Driving License Details
6. Vehicle RC Details
7. Employment Detail Via Mobile
8. GSTIN Via Pan Card
9. Company Details Via GSTIN
10. Company Details Via CIN
11. Voter ID Details
12. Employment Detail Via Mobile PAN

**35. CBFS – MINI Mobile CDR Analysis App (Extra Paid Service)**

1. CDR Analysis
  - i. Import CDR
  - ii. Analysis Filters
  - iii. Export / Share Analysis Report on WhatsApp / Email
2. MSC Search
3. Tower Search
4. Mobile Number Search
  - i. True caller Search
  - ii. SDR Mobile DATA
5. IP Search
6. IMEI Tool
7. SPY-Link

**36. CBFS Cell ID Tracker Hardware Device (Extra Paid Service)**

1. Should Support 2G, 3G, 4G and 5G Cellular Network Sites.
2. Cellular Network Details Available are: -
3. Operator Name
4. MCC
5. MNC
6. LAC/TAC
7. CELL ID
8. ALTER\_CELL ID (Enode B-Local Cell Id, Jio Cell Id)
9. Network Type (2G, 3G, 4G, 5G)
10. Auto Multi Scan Facility for Getting More Effective Data.
11. No Sim Card Required.
12. Export to Excel Available.
13. Up to 6 Hour Battery Backup.