SESSION-2

- Streamlining Rules for E-Filing and Tools and Methods to Streamline and Revamp the Judicial Process in E-Filing
- Transition to E-Filing: Challenges and Solutions
- Use of Data Management System for Categorizing and Book Marking the Data
- Rolling Out of e-Courts Services through Citizen Service Centres
- Use of Interoperable Criminal Justice System [ICJS]

- Justice A. Muhamed Mustaque

Decentralisation, Technology & Trust

Paradigm shift from imposing authority to implement functionalities to the satisfaction of the beneficiaries of services

Building IT
Infrastructure-
User perspective
& satisfaction

Transparency, Accountability , Openness & expediency

Digital Ecosystem for Courts- Ultimate Goal

How Does a Blockchain Work: A Step-by-Step View

1. A user requests for a transaction

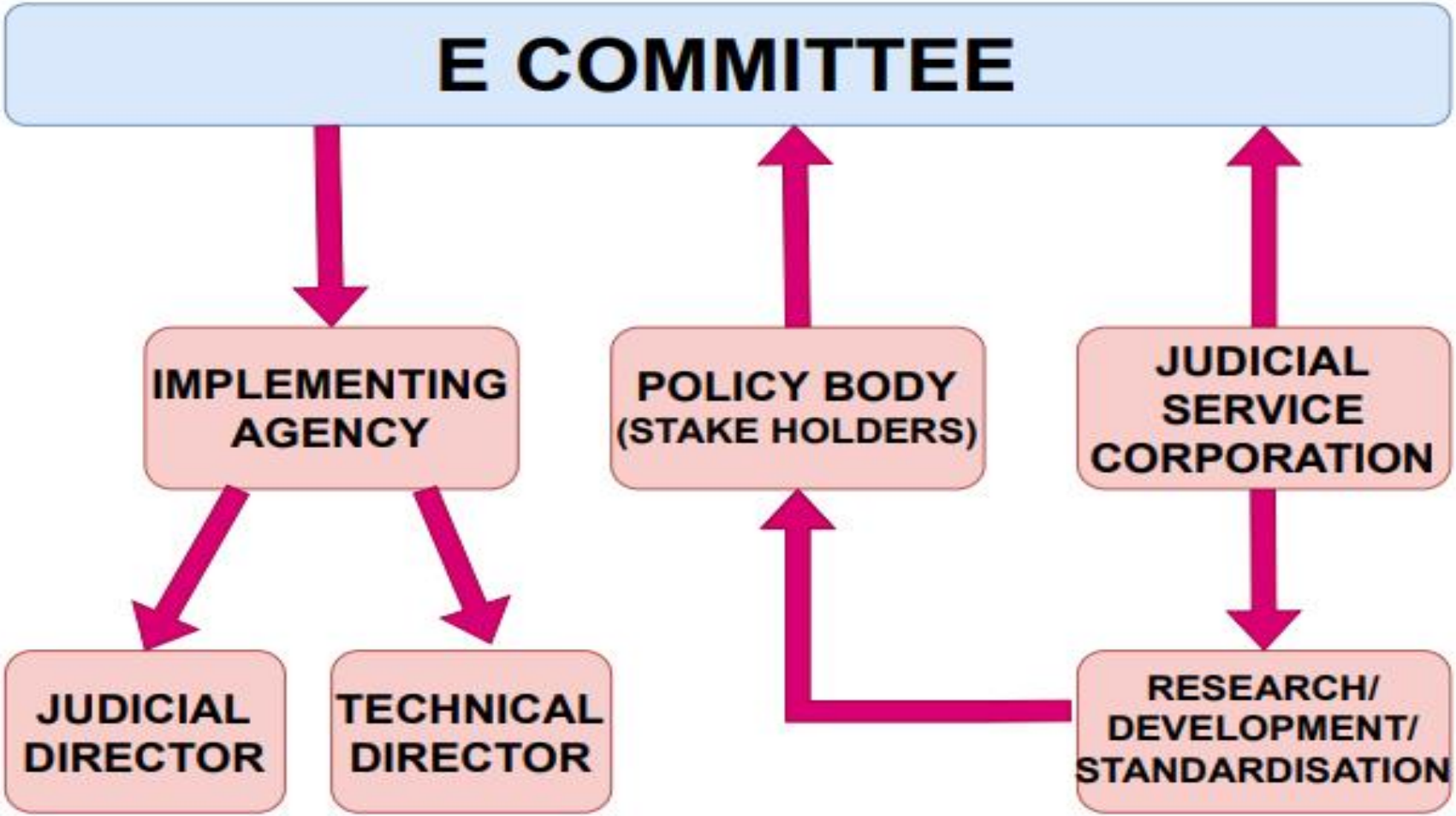
2. A block representing the transaction is created

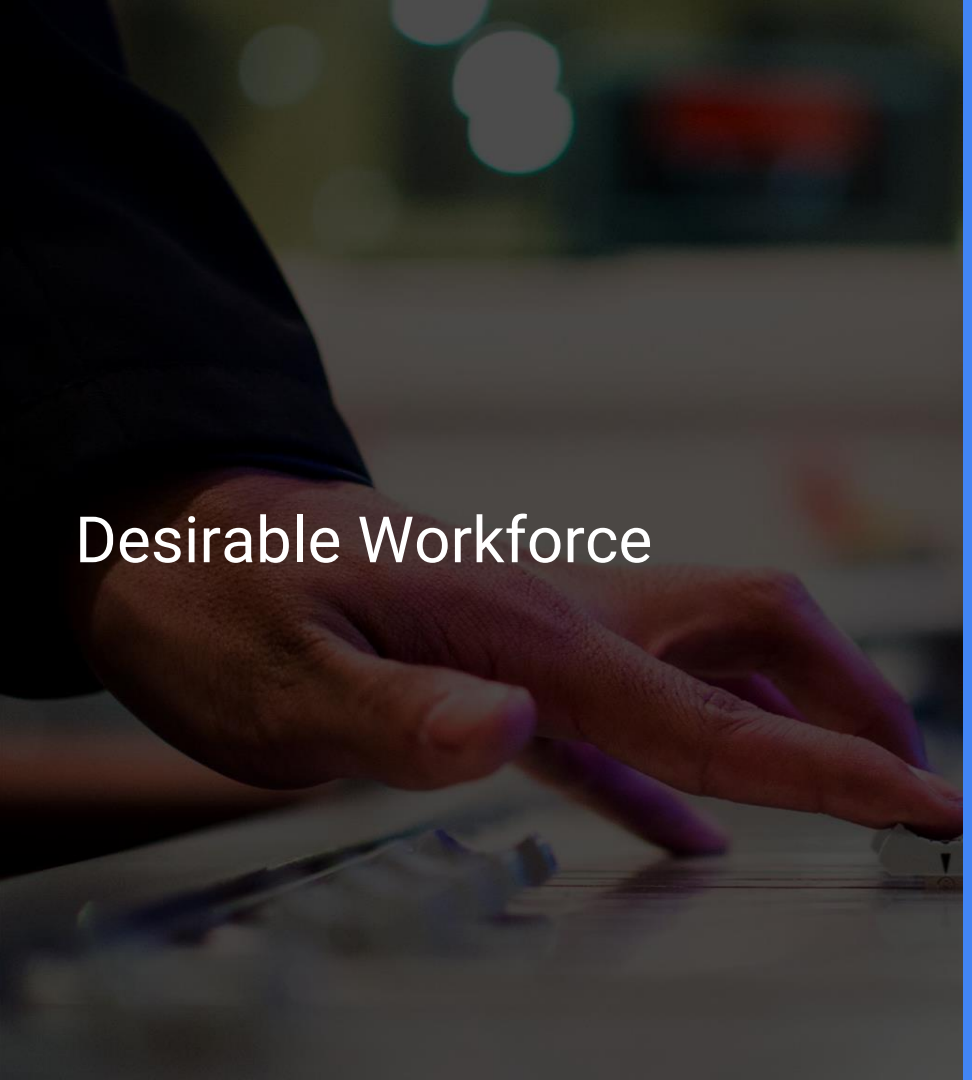
3. The block is broadcasted to all the nodes of the network

4. All the nodes validate the block and the transaction

5. The block is added to the chain

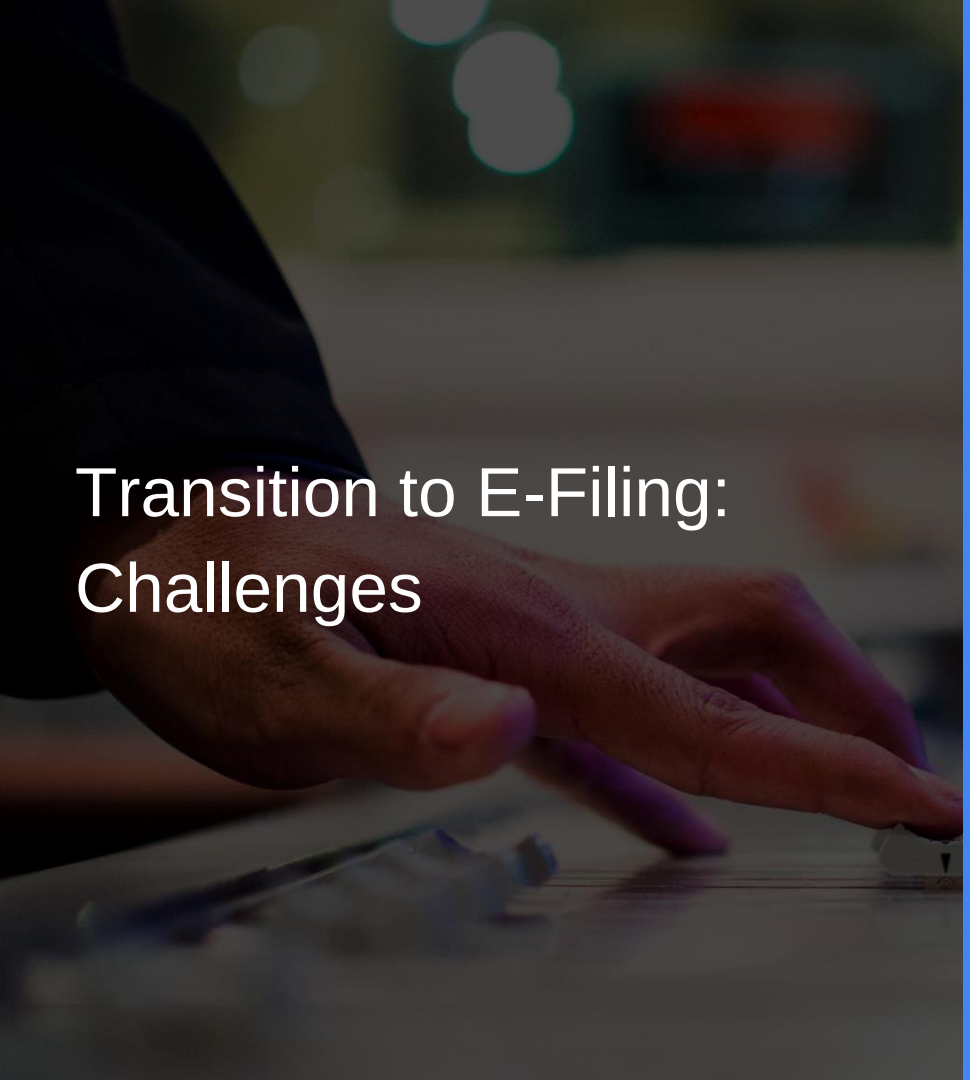
6. The transaction gets verified and executed


E COMMITTEE
IMPLEMENTING AGENCY
POLICY BODY (STAKE HOLDERS)
JUDICIAL SERVICE CORPORATION
JUDICIAL DIRECTOR
TECHNICAL DIRECTOR
RESEARCH/ DEVELOPMENT/ STANDARDISATION



Desirable Workforce

1. Software Developers
2. Blockchain Experts
3. AI Experts
4. Network & Security Experts
5. UI/UX Designers
6. Hardware Engineers



Transition to E-Filing: Challenges

1. Resistance from stakeholders
2. Lack of adequate Infrastructure
3. Preparing trained workforce for the task
4. Digital divide among stakeholders

Transition to E-Filing: Solutions

1. Continuous Interactions and open dialogue with stakeholders
2. Proper deployment of available infrastructure and implementation in a phased manner
3. Trainees to be Trainers from among the stakeholders(Master Trainer System)
4. Full fledged eSewa Kendras & Help Desk Counters, CSCs

E-Filing in High Court of Kerala

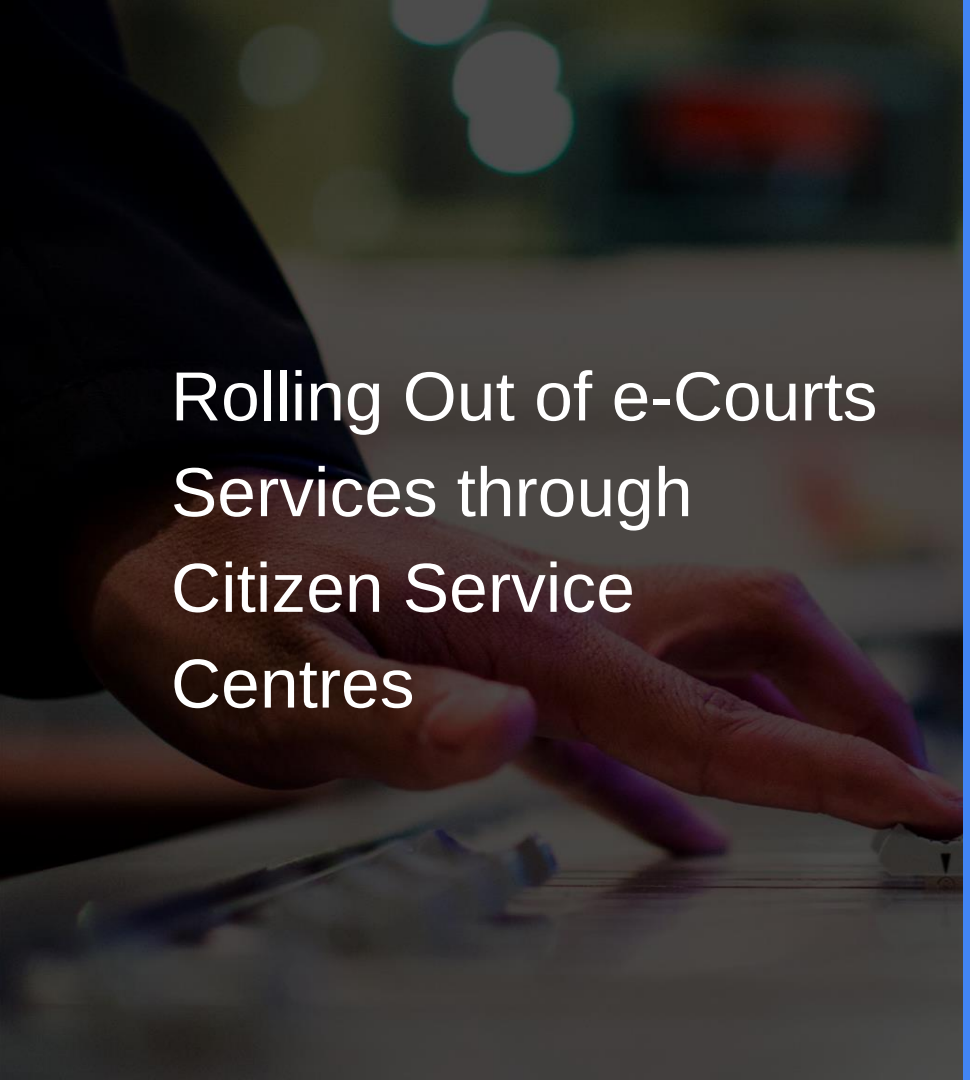
- E-filing project designed and implemented by the High Court of Kerala has transversed the age-old practice of physical case filing to something that can be done easily from any smartphone /laptop /desktop.
- Anyone with a smartphone/ laptop/desktop with internet connectivity can file cases/ applications online from anywhere.
- E-filing was the lifeline for common people to access justice during Covid 19 pandemic and nation wide lockdowns and it continues to be the lifeline in any such contingency.
- It's a quantum jump from an age-old physical case filing system to a fully digital and swift virtual system
- E-filing is citizen-friendly. It helps in saving the costs of travelling for physical filing by the litigants and helps in saving the substantial costs incurred by the Courts as well.

E-Filing in High Court of Kerala

- Virtual Office - One Go -One Platform for everyone
- E filing enables data entry at source . Manpower for data entry becomes nil.Redeployment of excess staff for diversified needs can save precious resources
- Automatic digitization of case records enables saving of cost , manpower, space etc
- Preservation of records forever and eliminates missing case records.
- E-filing promotes sustainable development and is eco friendly.
- Enables collection of fees under various heads seamlessly through e payment.
- E-Seva kendra established in every court center in Kerala provides free e-filing facility for all stakeholders including citizens.
- Self Help in e filing empowers citizens in managing efiling.

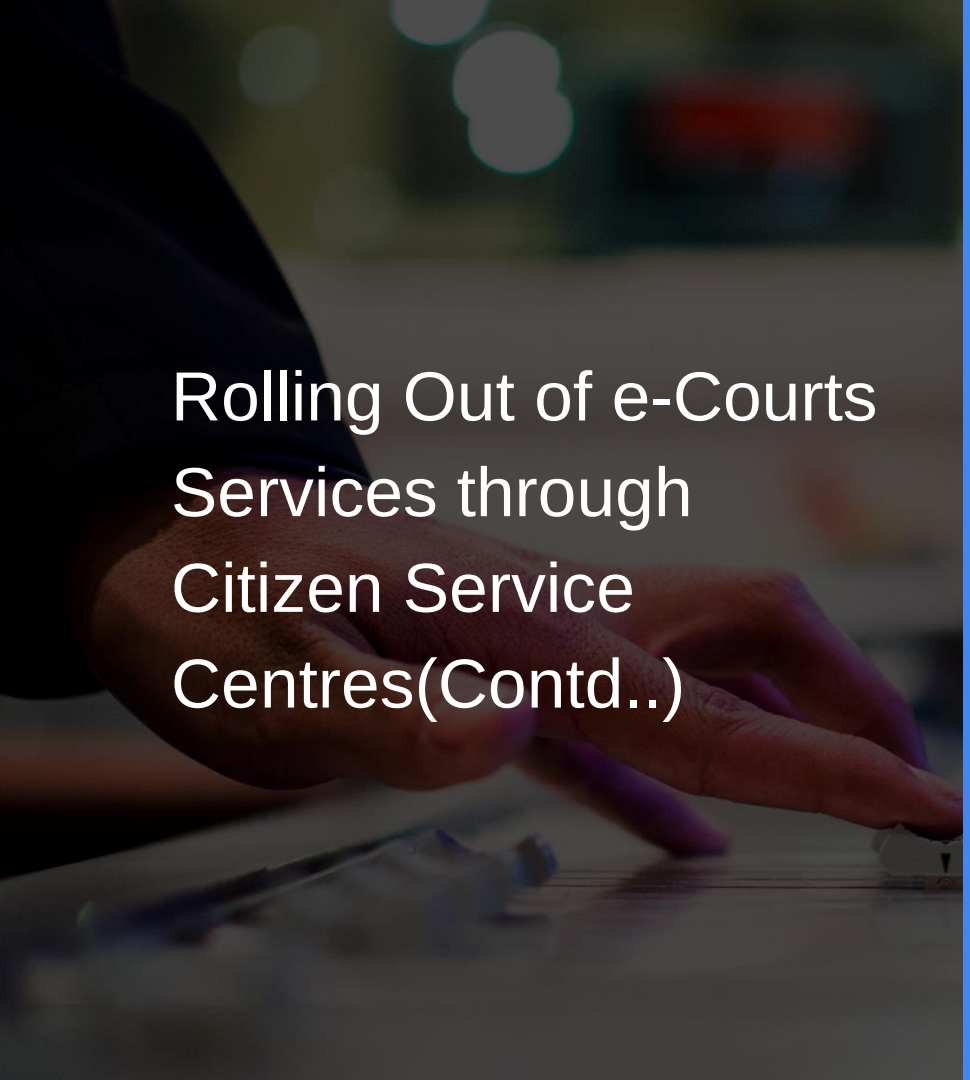
National Judicial Academy Programme Management

The NJA programmes module is used to assign the Honourable Judges for the NJA programmes.



Rolling Out of e-Courts Services through Citizen Service Centres

- Any CSC/Akshaya Center can facilitate e filing and reduce digital divide.
- Eliminates traveling expenses and saving man hours for the litigants and assures access to justice.
- transparency



Rolling Out of e-Courts Services through Citizen Service Centres(Contd..)

- To have common infrastructure for the common good.
- The large network of CSCs assures that the remotest Village in the country have access to the judicial system.
- Eliminates movement of physical files by stakeholders.
- Making available all the information including judgements to the litigants thereby providing complete

- Use of Interoperable Criminal Justice System [ICJS]

ICJS slides courtesy@NIC, ICJS

- What is ICJS
- How it works
- Who all are included
- Why we require it

ICJS Stakeholders

1. Core Stakeholders

Police

Courts

Prisons

Prosecution

Forensic

2. Other Stakeholders

NIA

RPF

CBI

Arms Licenses

WCD

IVFRT / Passport

Vahan / Sarathi

Open Ended - Other central agencies like CEIB, ED etc. can be added

Searchable Crime Metadata

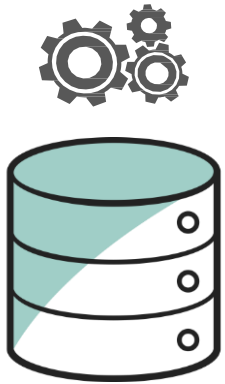
Police Data
Data is synchronized by all the PS of a State to SDC which is further synchronized with the NDC. This is updated on ICJS.

Judiciary Data
CIS Data at District is synchronised with NJDG. Data is synched with ICJ

Prisons Data
ePrisons Data of all State is synched with ICJS.

Prosecution Data
eProsecution Data from States is available online with ICJS.

Forensic Data
eForensic Data from all labs is available to ICJS online.



ICJS Searchable Meta Data and APIs

ALIS Data Arms Licenses Issuance System Data from MHA is synchronized on daily basis with ICJS

CBI / NIA / RPF Data
CBI,NIA & RPF data is synchronised on daily basis from respective HQs.

IVFRT / Passport Data
POC for Search as a Service and ID based data

Vahan / Sarathi Data POC for Search on ID based data from Transport Domain.

High Court Data
Data is being synchronised with the Delhi High Court.

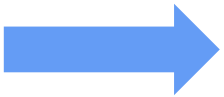
ICJS Metadata

Police	Court	Prisons	Prosecution	Forensic
5.52 Cr.	11.4 Cr.	1.51 Cr.	72.1 Lac	8.54 Lac
FIRs	Criminal Cases	Prisoners Records	Case Proceeding Records	Exhibits Records
CCTNS deployed at 36 States	CIS software in 36 states	ePrisons software at 35 States	eProsecution s/w at 29 States	eForensic software at 35 States.
Data from 15409 out of 15985 Police Stations	3295 Court Complexes	1254 out of 1378 Prisons	412 districts Prosecution offices	98 Labs out of 117 Labs
26+ Cr Records which include GD and other data at NDC	Data from District & Taluka Courts	Average 2500 Admissions, 2500 Releases and 10-15 K	Fresh data is being entered	Status of Cases / Exhibits Reports is shared with ICJS
Average 10 thousand FIRs per day	This data includes both pending and disposed off cases	Visitors per day 2.07 Cr. Visitors data	Hardware & Manpower is provided. local software Training is in progress	19 labs with their

Arms Licenses Issuance System Data

More than 10.96 Lac records of Arms and licenses.

Data Exchange @ Police



ICJS to Police

- ICJS - Mini Statement
- ICJS - Domain Linkage
- Court - Charge sheet Status
- Court - Court Case Details
- Court - Cause list
- Court - Court order and Hearing Details
- ICJS - Complaint Details
- Prison - Prisoner Profile
- Prison - Visitor Details
- Prison - Admission/Release
- Prosecution - Legal Advice
- Prosecution - Trial Proceedings
- Forensic - Exhibit Report Status

Consumption @ Police

- Mini Statement
- Domain Linkage
- Charge sheet Status
- Court Case Details
- Cause List
- Complaints from Central Sources
- Prisoner Details
- Exhibit Report status

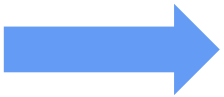
Police to ICJS

- FIR Details with Attachments
- Arrest Details
- Charge-Sheet/Final Report with attachments
- Charge sheet scanned copy
- FIR No against Complaint

Status

- Viewing of data is available in 36 states/UTs
- Consumption of data has been operationalized in 30 States/UTs States
- Work in remaining states is in progress

Data Exchange @ Court



ICJS to Courts

- ICJS - Mini statement
- ICJS - Domain Linkage
- Police - FIR Details with Attachment
- Police - Arrest Details
- Other Agencies - FIR Data
- Other Agencies - Chargesheet
- Police - Charge-Sheet/Final Report
- Police - Charge sheet scanned copy
- Prison - Prisoner detail
- Prison - Visitor Details
- Prison - Admission/Release
- Prison - Parole List
- Forensic - Exhibit Report Status

Consumption @ Courts

- Police - FIR Details with Attachment
- Police - Arrest Details
- Police - Charge-Sheet/Final Report
- Police - Charge sheet scanned copy

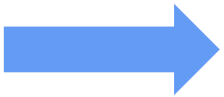
Courts to ICJS

- Court Case Details
- Court Order
- Hearing Details
- Cause list
- Search on Cases

Status

- Data is available in 36 states/UTs
- Consumption of data is available in 30 State/UTs
- Work is in progress in 6 states

Data Exchange @ Prison



ICJS to Prisons

- ICJS - Mini Statement
- ICJS - Domain Linkage
- Police - FIR Data
- Police - Arrest Details
- Court - Court Case Details
- Court - Cause list
- Court - Court order
- Court - Hearing Details

Consumption @ Prisons

- Mini Statement
- Domain Linkage
- FIR Data
- Court Case Details
- Court order and Hearing Details

Prisons to ICJS

- Prisoner Profile
- Admission / Release
- Movement details
- Visitors Data
- Parole List

Status

- Viewing of Data in 35 States /UTs
- Data consumption in 35 States/UTs
- Remaining states are under progress

Data Exchange @ Other Agencies

ICJS to Other Agencies

- ICJS - Mini Statement
- ICJS - Domain Linkage
- Court - Court Case Details
- Court - Cause list
- Court - Court order and Hearing Details
- Prison - Prisoner detail
- Prison - Visitor Details
- Prison - Admission/Released
- Prosecution - Prosecution case detail
- Forensic - Exhibit Report detail
- Police – FIR Details
- Police – GD No based details

C B I
N I A
R P F

Consumption @ Agencies

- Mini Statement
- Court - Court Case Details
- Court - Court order and Hearing Details

WCD

Consumption @ Agencies

- FIR Data
- GD No based data

Agencies to ICJS

- FIR Searchable Meta Data
- FIR No based details

ICJS Features & Services

1. **One Data Once Entry**

   To Maintain Data integrity among the stakeholders and minimize the data entry efforts of the stakeholders in their application.

2. **Mini Statement of a Case**

   Mini Statement with optimum operative information and status as on date from the ICJS linked data.

3. **Fingerprint based search**

   Fingerprint based identification / verification of Sexual Offenders. This is based on the accused registered with the prison database.

4. **Criminal Network Visualization**

   The linkages among the accused who visited the prisons are connected based on the common FIRs and their Visitors with three levels visualization and can provide detailed information as and when desired by the users.

5. **Comprehensive Profile of a Criminal**

   Comprehensive Document generated from the ICJS linked data from the native data of the
   stakeholders.

6. **PAN India Search – Cross Domains**

   Searching the domain searchable data of a stakeholders across India. The details of an ID can be fetched from the respective domain live data. Searching an entity of one domain in other domains on key fields of the searchable data with percentage of matching as defined by the user.

ICJS Features & Services

7 **Prison Custody Certificates**

The Comprehensive prisoner's document about the cases filed against an accused and their trial / conviction status. This is required by the courts for necessary in legal proceedings for Bail, Sentence and Parole.

8 **Dashboards for each Domain**

Analyze the data of the individual pillars to understand the trends, patterns, anomalies etc. in the network

9 **Monitoring tools- ITSSO, NDSO & POCSO**

These are the monitoring tools pertaining to sexual and other offences adhering to Cr.P.C. provisions amended as required by the MHA and other stakeholders.

10 **Release / Admission Prisoners for Police**

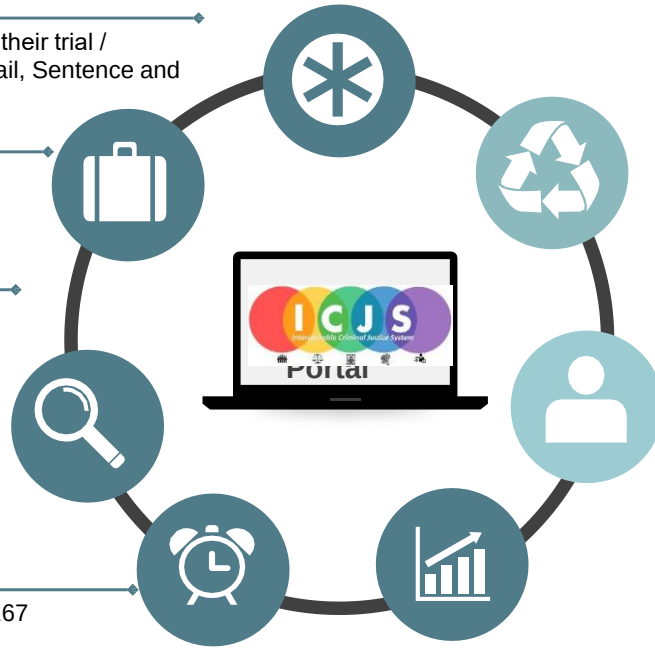
Police requires information about Admission and Release of prisoners which can be earmarked for an individual accused for necessary preparation at their end.

11 **Under Trial Prisoners – Eligible for Bail**

There are various legal provision for premature release of the accused namely 436(A), 167 Cr.PC.
This required for the Court, UTRC and Prisons for necessary process at their end.

12 **Parole Alerts (Out and Over Stay) for Police and Prisons**

Police wants the list of the accused out on Parole and their overstay so that preventive measures can be
taken to avoid further delay in surrendering in the prisons.



ICJS Features & Services

13

Appeal Alerts (After Conviction)

As and when an accused get convicted, appeal can be filed in a month time by the accused or on their behalf ot the Legal Aid Authorities like DSLSA, SLSA and NALSA.

14

Antecedent Verification

The Antecedent verificationn services marked for a Police station and their disposal by them based on the auto search made by the ICJS. This can be extended to the government, public sectors and state government for various purposes.

15

Adjournment Alert

Alerts on two or more Adjournments as sought by the Prosecutors in a case are given to their seniors for their information.

16

Services in collaboration with Other Agencies

- FIR/GD based data service to the Ministry of Women and Child Development.
- POCSO data Service to the Hon'ble Supreme Court of India.

17

Services in collaboration with Other Agencies – Under Process

- Service to the PrisonConnect software of the Hon'ble Supreme Court for filing Appeal directly from the Prisons.
- Motor Accident Cases data service to the MACT for Victim Compensation.
- Prevention of Atrocities against SC/ST data service to Ministry of Social Justice for victim compensation.

Thank You