

Crime Record Bureau – CCTNS & ICJS – 2.0 Applications:

1. Introduction on CCTNS:

State Crime Record Bureau (SCRB @ CRB), Puducherry is the **Nodal Agency** for **Nation Crime Record Bureau (NCRB), MHA**. The mission mode project of NCRB MHA is to digitalization of Crime Records generated from every Police Stations. Accordingly, under modernization of Police, the following applications were developed and upgraded on par with the available technologies by NCRB and rolled out in Puducherry Police.

1. **Crime Criminal Information System (CCIS) in 1992.**
2. **Common Information Police Application (CIPA) in 2000**
3. **Crime Criminal Tracking & Networking System – 2010**

2. CCTNS – a short brief

CCTNS Application aims for the “**Centralized Planning and Decentralized Implementation**” to cater the complete requirements of Police Department in investigation & other delivery services of Police Department & its stake holders. Accordingly, each Police Station and Higher Offices are installed with 4 and 2 Computers respectively connected through LAN and integrated with **Puducherry State Wide Area Network (P-SWAN)** where **NKN internet** was integrated reaching State Data Center, Kalapet (Co-located structure). Data is periodical synchronization with NSDC of NCRB for the purpose of sharing Crime and Criminal Data within all Police Stations and Higher Offices in India. Following the successfulness of the application, Online registration of FIR, investigation and Charge Sheet was recognized Judiciary.

Puducherry Police **rolled out CCTNS Application in 2013** connecting all Police Stations **under one-roof to State Data Center (SDC), Kalapet and then to National Data Center (NDC), New Delhi.**

Two websites

1. **CCTNS Police Website – G2G Activities (Government to Government)**
2. **CCTNS Citizen Website – G2C activities (Government to Citizens)**

SN	Website Name	Cloud URL	Content
1	CCTNS Police (G2G)	https://cctnspolice.py.gov.in	NCRB Specific with local outlook customization by SI
2	Citizen portal (G2C)	https://cctnscitizen.py.gov.in	State specific to be customized by System Integrator. Non Conviction Certificate (NCC) applications developed by Dr S Bascarane through M/s eVentures under CSR

Memorandum of Understanding (MoU):

As directed by MHA, under CCTNS Project, Memorandum of Understanding (MoU) was signed between Central Government and Government of Puducherry UT on 29.09.2009 and the following committees were formed.

- ✓ **State Apex Committee (SAC) & State Empowered Committee (SEC)**
- ✓ **State Designated Agency**
- ✓ **District Mission Teams**
- ✓ **District Coordination Committees for Puducherry, Karaikal, Mahe & Yanam.**

- A. **State Apex Committee (SAC)** constituted by Director NCRB was merged with SEC.
B. **State Empowered Committee (SEC)** constituted by **Home Department**, Puducherry vide GO. MS. No. 43 dt. 01.09.2010. **The last meeting held on 25.04.2023**

Chief Secretary	Chairperson
Principal Secretary / Secretary (Finance)	Member
Representative of NIC, Puducherry	Member
Director General of Police	Convener
Director / Dy. Secretary (SR), MHA, New Delhi	Member
Any other Members to be co-opted as necessary	Member

- C. **District Mission Team** constituted by Police Department Order No. 4/DGP/Secy./09-248 dt. 06.11.09.

Director General of Police	Chairperson
Senior Superintendent of Police (L&O)	Convener
Senior Superintendent of Police (Karaikal)	Member
Senior Superintendent of Police (C&I)	Member
Representative of NIC, Puducherry	Member
Representative from NCRB, New Delhi	Member
Director CRB, Puducherry	Member
Superintendent of Police (HQ)	Member
Superintendent of Police (PTS)	Member
Superintendent of Police (North)	Member
Superintendent of Police (South)	Member
Superintendent of Police (East)	Member
Superintendent of Police (West)	Member

D. Constitution of State Designated Agency (SDA):

Puducherry Police E-Governance Society (PPEGS) Reg. No: 560/2009 was constituted and registered on 29.09.09 under Companies Act as **State Designated Agency (SDA)** agency for governing the **Financial Activities** of the project under **State Empowered Committee (SEC)**. The office bearer of the society is given below.

Chairman	DGP
Member	IGP / DIGP / SSP (HQ / C&I / KKL / L&O / SP (PTS / HQ)
Treasurer	SP (CID) cum Director CRB

E. PROJECT AGENCIES:

<u>State Project Management Consultancy (SPMC):</u>	
Name of firm	M/s WIPRO Infotech, Chennai
Contract Period	25.03.2010 to 2013
<u>System Integrator (SI)</u>	

Name of firm	M/s NIIT Technologies Ltd.
Contract Period	30.11.2015 to 30.11.2018
<u>State Project Management Unit (SPMU)</u>	
Name of firm	M/s Ernst & Young LLP
Contract Period	11.11.2013 to 31.03.2017
<u>Presently - System Integrator (SI)</u>	
Name of firm	M/s CDAC, Chennai.
Contract Period	01.01.2024 -

F. PROJECT COMPONENTS

1. CCTNS - Core Application Software (CAS - CCTNS):

- NCRB, MHA developing through M/s Wipro adoptable with Linux and Windows OS.
- CAS version 4.5 used in all Police Stations.
- NCRB CAS Help Desk periodically for assistance.
- Central CAS caters Official Portal, while CITIZEN portal to be catered by respective state / UT System Integrator (SI) with local customization and services available (Online / Offline). Citizen portal needs more attention.

2. State Data Centre (SDC) – (DC & DR):

Shared model SDC was adopted with PYSDC (Puducherry State Date Centre, Kalapet). DR is at NIC Delhi by default. Presently moving to **NICSI Cloud Server as detailed below**

NICSI Cloud Server and storage

- ✓ Configuration completed
- ✓ Source Code and sample database backup moved into Cloud testing
- ✓ Deployment under process
- ✓ **Structure of Cloud Server Bhubaneswar**

SN	SERVER NAME	ALLOTTED SPACE	TOTAL SPACE
1	Application Server	C Disk - 150GB+5GB / D Disk - 315 GB	470 GB
2	Database Server	C Disk - 270GB+5GB / D Disk - 495 GB	770 GB
3	Citizen Server	C Disk - 100GB+5GB / D Disk - 215 GB	320 GB
4	CCTNS Server (Testing Server)	C Disk - 100GB+5GB / D Disk - 215 GB	320 GB

✓ **Structure of Cloud Server Delhi**

SN	SERVER NAME	Storage	Additional	Virtual Machine
1	Application Server Platform: Windows Environment: Production	60	150	1
2	Web Server Platform: Windows Environment: Production	60	150	1
3	Database Server Platform: Windows Environment: Production	60	150	1

G. Security Audit on the CCTNS Application by C-DAC, Hyderabad

This is the 1st Security Audit is being conducted since 2013 to represent “https://” in the Puducherry Police CCTNS application websites

1. Level 1 - Audit completed
2. Compliance submitted after attending the issues.
3. Level - 2 is being conducted by CDAC Hyderabad
4. Audit finding of CDAC, Hyderabad was attended
5. Waiting for Audit Certificate.
6. After that, it will be deployed in the **Testing Server.**

3. Connectivity through P-SWAN under IT Department:

Total 100 locations connected through P-SWAN directly (Puducherry - State Wide Area Network) to accesses CCTNS Server at SDC. Presently IT department as signed MoU with BSNL and providing minimum 20 MPBS speed since March 2024 against 2MPBS. This will be upgraded to **50 MPBS** as per the directives of NCRB through **National Level Committee under ICJS-2.0**

CCTNS CAS help desk for Police Department

SN	Police		SN	Facilitation Management Service (FMS) NSITE System Integrator, C-DAC Chennai -	
1	P.R. Nimal	9626269926	1	Samy Ayya	6382925033
2	P. Manikandan	9095921710	2	Arjun Vetral	8652111703
3	A. Anbarasan	9786706503	3	Pradeep Kumar	9047107898
Dr. Bascarane, PPS SP (Wireless / Cyber Crime / CCTNS) /Cell: 9443560717 polweb@py.gov.in / bascarane@py.gov.in bascarane@gmail.com					

II. INTER-OPERABLE CRIMINAL JUSTICE SYSTEM (ICJS – 2.0)

Introduction on ICJS:

Under Digital India towards **paperless governance**, Hon'ble Supreme Court of India directed to **integrate e-Applications** of all stake holding departments titling **Inter-Operable Criminal Justice System (ICJS)** and entrusted to NCRB as Nodal Agency assisted by NIC.

NIC has developed **NAPIX Portal** and bridging the required data between the stakeholder e-Applications by developing API interface.

Police	CCTNS	FSL	e-FSL
Court	e-Courts	Finger Print	e-NAFIS
Prosecution	e-Prosecution	Transport	eRAD
Jail	e-Prison	Juvenile homes	
Note: Other stakeholder connected with Criminal Justice System			

ICJS is under the direct supervision of Hon'ble Supreme Court, and decentralized supervision of respective **State High Courts** with NCRB, NIC & State CRB's. The status of integration in ICJS by Puducherry Police is as follows. CCTNS Police is integrated with the following

A. E-CHARGE SHEET:

1. Integration with e-Court completed. e-Charge sheet directly submitted to e-Court.

2. NEW CRIMINAL LAW:

1. Source Code developments was **completed** as per SOP document
2. New Criminal Law Successfully deployed on Testing Server
3. Testing Progress ongoing.

3. ZERO FIR:

1. Source Code development was **completed** as per SOP document
2. Successfully deployed on local Server
3. It will be deployed in the **Testing Server**

4. E-BAIL:

1. All parameters were identified by e-court was mapped
2. API development completed and it is deployed in NIC testing server.
3. Consumption module is under testing by the court.

ICJS CAS help desk for Police Department

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