



WIRELESS UNIT

No 69/SP(Wireless)/DR/2021

O/o the SP (Wireless)
Puducherry

04.05.2021

"INTER-STATE POLICE COMMUNICATION" (Digitalized with Email & V-Sat mail)

Introduction:

DCPW is directly handling (receiving & dispatching) all Inter-State Messages through ISPW located at every State / UT Head Quarters. ISPW directly delivering it to HoD or HoO by hand and now NIC email.

The following are the routine Inter State Messages

1. **Heinous Crimes** - Investigation Officers (IO) seeking clues
2. **VVIP tour** programs between Special Branch & Sigma Security
3. **Security Threat** related
4. Sharing of **Missing / Theft** complaints seeking inter-state attention
5. Messages like **Missing (Man / Women / Child), Kidnapping, seized /unclaimed vehicles**

DCPW:

Digitalization of "Inter-State Police Communication" is Polnet by DCPW. The Inter-State Police Communications was initially as "MESSAGE" utilizing HF frequency by way of **Morse Code / Voice / Limited Text**. Following the developments of technology, it was digitalized as email. Email was sent using Internet and now upgraded as V-SAT.

Upgraded as

- A. **Year 1989** - NIC / GOV - domain emails using Wired Internet Connectivity.
- B. **Year 1995** - V-SAT - domain Mail ID titled POLNET-1.0 facilitated with email, Voice Call in 1995 and thereby connected all Police Stations for Voice Call (Digital Phone). This got failed due to bandwidth issues.
- C. **Year 2020** - Now, POLNET-1.0 upgraded as POLNET-2.0 with increased frequency bandwidth facilitated with satellite email ID, Voice Call, Video Call but the Network is facilitated between DCPW / ISPW with Control Rooms of State HQ / District HQ titled PPDR

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Brief on Polnet - 2.0:

Upgraded version as POLNET-2.0 was rolled out in the Heads of PPDR Conference held at MHA on 21.01.2020, titling as Public Protection and Disaster Relief (PPDR). TRAI declared free frequency bandwidth and it is re-titled as Broadband - Public Protection and Disaster Relief (BB-PPDR).

Mission Mode Project of DCPW, MHA

A. Fully sponsors -

MHA connected to Heads of Police (DGsP / IGsP)

B. Partly sponsors -

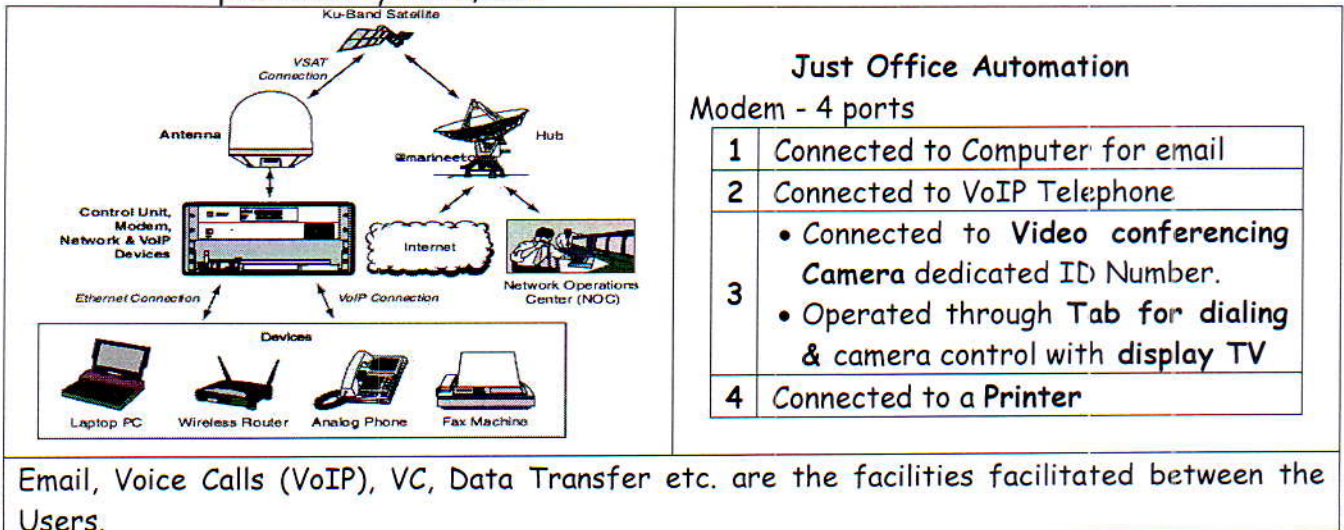
DCPW connected to ISPW and Control rooms of all States / UTs

One-time Infra-Structure cost by finalizing Rate & Vendor.

CSS of GoI - Out-look on Connectivity:

SWAN and Polnet are the Mission Mode Project (MMP) of Ministry of Electronics & Information Technology (MeitY).

- ✓ **Wired TSP/ISP based network - State Wide Area Network (SWAN)**
- ✓ **Satellite based network - Polnet-2.0 V-SAT**
- ✓ **Polnet can connect any terrestrial point not reachable by wiring.**
- ✓ **It acts as backbone connectivity structure for CCTNS.**
- ✓ **Internet Email ID provided by NIC, while Polnet V-Sat mail ID is provided by WPC, DoT**



Based on the above, User Modem connected to Dish Antenna (V-SAT Terminals) will land at Police Control Rooms in Puducherry / Karaikal / Mahe / Yanam respectively. Computer, Telephone, VC Camera & Printer will be

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WIRELESS UNIT

connected to the Modem as installation / instrumentation **under one-roof** as PPDR @ ERSS

- I. **Computer, Printer** - installed with a **Writer / Call Attender**
Email (**Inter-State Messages**) normally handled by Inter-State Police Wireless (ISPW) is now **de-centralized** connecting Control Rooms of Head Quarters / District of every State & UT.
- II. **Telephone (VoIP)** - installed with **Call Attender**
Telephone equipment will be installed with Call Attender and integrated with PRI Dial 112 of ERSS as "**Single Emergency Contact**".
- III. **Video conferencing Unit** - installed with **In-charge Inspector**
Scheduled VC will be attended by Officer concerned

Instructions / SOP

As per the digitalization, Officers can utilize the NIC / GOV email ID or V-SAT Polnet mail IDs for communicating Inter-State Messages with or without attachments

1. In-charge Control Room will ensure attending all Inter-state emails as like email ccr.pon@nic.in and complaints received through Dial 112 / 1031 / 1073.
2. Accordingly, mails will be classified in to respective headers (Crime / Security / Etc) and forward them to respective officer's email ID as email (SHOs / IOs / Special Branch / Sigma Security etc) **marking copy** to SSPs concerned and Senior Officers. At a glance report will be submitted as part of DOR / DAR sent regularly.
3. SDPS / CI / SHO / shall send their Inter-State Messaged to Police Control Room for onward submission to respective State / UT Control Room
4. SDPS / CI / SHO / shall also directly send their Inter-state Messages to the email ID of respective officer or State / UT Control Room

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