TELANGANA STATE POLICE
CENTRE OF EXCELLENCE FOR CYBER SAFETY

INTELLIGENCE • INVESTIGATION • INNOVATION

VISION

To secure the cyber ecosystem for the state of Telangana

MISSION

Industry led initiative in partnership with Police (PPP), as a trusted partner to citizens, industry and academia, for mitigating cyber security incidents and frauds, by leveraging technology, setting up processes, building capacity, spreading awareness, to strengthen the legal framework, by complementing cyber security initiatives of Government and to serve as a collaborative and continuous innovation platform for – Field Practitioners, Industry Experts, Thought Leaders, Researchers etc.

Industry

Feed targeted threat intel to industries as Early Warning Systems. Perform frequent surveys on security posture and provide recommendations to enhance it. Encourage incident reporting, handling and response to industry related cybercrimes.

Citizen

Provide frequent and targeted threat intel to citizens on widely prevalent and emerging crimes like Phishing, Online Harassments etc., Also, to conduct awareness campaigns and build strong community of security aware individuals by involving citizens as Volunteers (Cyniks)

Government

Enhance security posture of Government and it's various departments. Provide actionable intelligence and security recommendations timely. Perform periodic security assessments - internal and external.

Law Enforcement

Map Crime to Criminal at scale by improving efficiency of current processes, enhancing competencies of IOs, augmenting with right tools and approaches. Also, proactively hunt criminals based on crime data and standardised SOPs of Crime Handles

BUILDING BLOCKS

KEY FOCUS AREAS

Financial Fraud

Follow Money; Financial Frauds & Theft; Laundering

Enterprise Cyber

Ransomware; ID, IP & Data Theft; Data Breaches; Phishing; Brand Abuse

Special Crimes

Influence Ops - Dis/Mal/MisInfo; Deep Fakes; Stalking, Bullying, Hate Speech; Human Trafficking; Narcotics; CSAM, Missing Children; Crypto; Darkweb; Counterfeiting & Pirac; Future & Emerging Crimes

OPERATIONAL UNITS

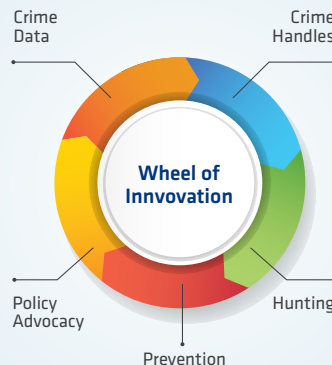## Citizen Security Operations Center (Citizen SOC)

SOC I & II -
Investigation Ops Unit (Ops Unit)

– Detect & Respond

To support handling of cybercrimes effectively at scale

- **Tools:** On-Go Investigation Tool, Investigator Toolkit
- **Investigation Support Center:** 24x7 helpline for IOs

Wheel of Innovation

- Crime Data
- Crime Handles
- Hunting
- Prevention
- Policy Advocacy

SOC III -
Cyber Tactical Unit (Tac Unit)

– Prevent

Proactive hunting based on data – behavioural patterns

- **Threat Hunting -** Hunt mules, gangs / collusions, phish URLs, apps
- **Threat Intel -** Collating criminal intel from crime handles for hunting

Standardisation & Policy Advocacy

Standardisation

- **Framework** (Cyber Crime Investigation) for identifying TTPs (Tactics, Techniques & Procedures) from crimes that can help effective handling of cybercrimes at scale – using crime and criminal profiling
- **SOPs for ~16 crime handles**
- **Playbooks**

Policy Advocacy

- Proactive identification of existing gaps in the legal framework and established processes and making specific recommendation on how to plug them to make the legal framework robust
- **Areas:** SIM & Bank Account Supply Chain; Continuous track of relevant judgements; Policy Research.

Citizen & Enterprise and Government Security Posture

- **Citizen:** Awareness, Threat Intel, Simplified Reporting
- **Government:** Awareness, Threat Intel, Security Assessment
- **Enterprise:** Awareness, Threat Intel Feed, Sharing Incidents
  - MSME – Conduct frequent surveys on cyber capabilities; Train, map relevant technologies or suggest recommendations on best practices

ENABLERS

Cyber Academy

Trainings, Reports, Wiki & e-Library, Hackathons, Webinars, Conclaves

Cyber Lab

- **Forensics:** File, Disk, Network, Application, System, Storage devices etc., Mobile and Memory
- **OSINT:** General, Social, Darknet, Crypto

Cyber Security Research Center (CSRC - R&D)

- Reuse, Customise or Build investigative tools
- Future Crimes Wing
  - Focus on emerging technologies such as Blockchain Technology, Drones, Crypto Currencies IoT, Darkweb, Web3, Drones, Critical Infra etc.

Partner & Collaborations

Government, Industry, Academia, SMEs, Regulators, NGOs ...

ADVISORS

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Cyberabad Metropolitan Police

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Director, Operations
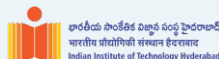DCP Crimes, Cyberabad

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