Seven Steps for effective implementation of Police Information Systems

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Police Functions

- **Law Enforcement** – Crime Control, Detection, Investigation
- **Administrative Support Functions** – Personnel Information, Recruitment, Training, Payroll, etc.,
- **Interaction with other Govt. and Pvt Organizations** – Courts, Jails, RTA, Hospitals
- **Interaction with Public** – Case Registration, Complaint Redressal, Property Recovery, Public Confidence
Police Information Systems

- Messaging
- Finger Print Identification
- Dial 100
- End-to-end Case Management Systems (Case Registration to Case Disposal)
- Surveillance (Wireless Cameras)
- Evidence Gathering and Analysis (Expert Reports)
- GIS and GPS Interfaces
- Decision Support Systems (encompassing the knowledge of the organization)
- Force Deployment and Utilization Monitoring
Requirements

• Huge Historical Data
• Workflow
• Checklists – to retain and add to organizational knowledge
• Extensive repeated references to information
  – Internal and External
• Interfaces to internal and external systems
• Adhoc queries
• Canned Reports
• GIS and GPS Interfaces
• Decision Support Systems
Environment

- Very **Hierarchical and Disciplined** Organizations
- **Time tested manual procedures** – resistance to change
- **Legal acceptance**
- Pockets of **applications exist** on limited scale
- **Less initiated** into Computers
- Comparison **benchmarks** need to **evolve**
- **Lack of dedicated Organization structure** for computer applications implementation and support
Processes

1. **Cohesive inputs** while requirements gathering – streamline MIS needs

2. **Guiding instructions** to officers to improve utilization and to avoid rework (manual & computer) 
Existing Processes to **yield for new** computerized processes

3. **Monitoring processes** for timely implementation and continued/sustained usage – Apex Bodies, Steering Committees
Infrastructure

4. **Selection** of appropriate technologies and system software

5. **Provide** Appropriate network infrastructure for **Connectivity**

6. **Create** and **maintain** Optimum computer resources, facilities at units to propagate usage of information systems
Continuity

7. **Create Organization structure** to continue training, usage and to support computer systems and applications.
   - **Dedicate** and **train** staff for Sustained benefits - No timeshare.
   - Continuous awareness development and skill enhancement of officers in phased manner
   - Computer based training for detailed awareness and Classroom sessions for motivation and guidance
Broadly ...

- **Realistic** in attempts to identify and differentiate among objectives of IT applications
- **Visionary** in linking its policies to the ongoing fundamental changes to the structure of economy and of society
- **Develop** consistent, well-integrated set of projects
- **Complete roadmap** – concept to complete institutionalization
Thank you