

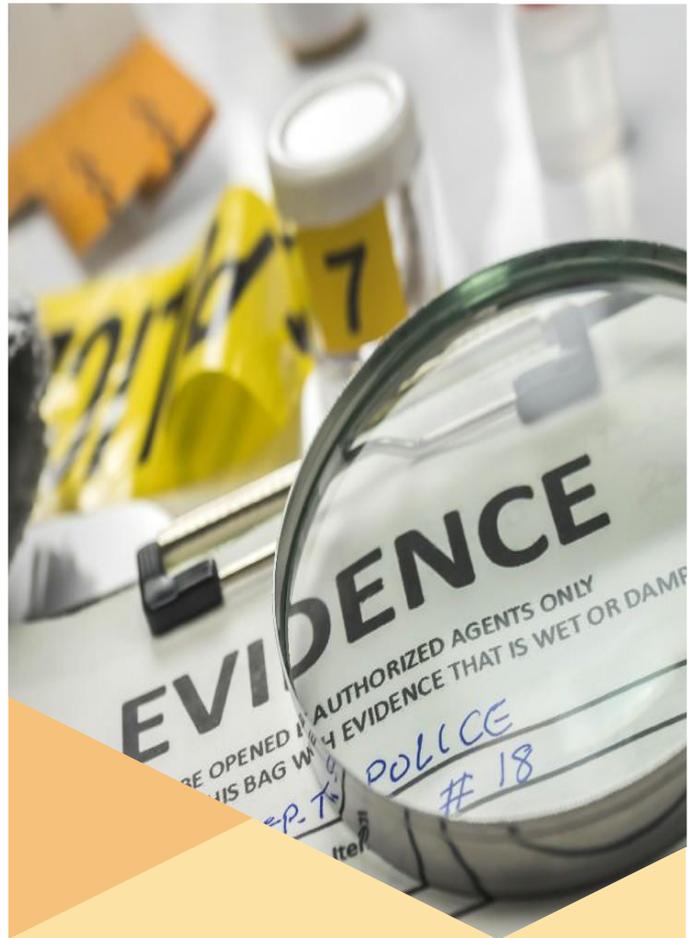
**CAPULUSTECH**

Capulus Technologies Private Limited™

# Forensic Laboratory Management System

**Making Forensic Labs  
SMARTER & BETTER**

FLMS is **An Intelligent Software backed with A.I** which provides a fool-proof and auditable mechanism streamlining several processes of Forensic Evidence Analysis. The process is designed in such a way that at each stage the stake holders need to use the application in order to access information and proceed further, meanwhile the application makes sure that each and every process is audit logged and chain of custody (COC) of articles/evidences are tracked.



## What's New

To bring transparency and efficiency in the process, we joined hands with FSL, Karnataka to introduce various first of its kind features in the application such as Intelligent Random Allocation of Scientific Experts to the case, encrypted QR Code based Evidence Anonymizer, Anonymous Case Investigation, Analysis based on intelligent case prioritization etc.,

## From the Developers of Karnataka State FSL Management Software and Mobile-CCTNS



## SOME OF IMPORTANT FEATURES

The software provides end-to-end solution starting from registration of articles at Police Station, registration of articles at FSL inward, allocation of each article to the concerned Scientific Section or Division such as Biology, Chemistry, Fire Arms, Cyber Forensics, Questioned Document, Toxicology, Physics, DNA, Psychology & Photography, allocation of storage space in store rooms, intelligent random allocation of Scientific Experts for analysis, shared equipment allocation, generation of Scientific Analysis Reports, flow of reports through the approval hierarchy, authenticating the Final Report, sending the Final Report to the concerned Police Station and finally sending the evidence or article with exhibits back to the concerned police station.

### Article Analysis Prioritization

At the FSL Inward module, as soon as the case is registered, the application automatically prioritizes the analysis of the article based on various criteria. The application will identify special cases such as POCSO, SC/ST cases and prioritizes it, so that the results can be provided faster as there are shorter deadlines for investigation of such cases. The cases flagged by higher courts for expedited investigation are also given priority by the application.

### Random Allocation of Experts for Analysis

Once the cases are prioritized based on the above criteria, the application will randomly allocate the expert by taking into consideration the division to which it should be assigned, previous allocations for the experts, backlog of the cases with each expert. Until the application allocates the expert randomly, nobody will be knowing to which expert the case will be allocated.

### Encrypted QR Code and Chain of Custody



With the introduction of **Encrypted QR Code System**, all the evidences / articles are labelled with QR Code and are only identified only using the QR Code. Only the user with proper privileges in the application software can view the details of the case. This helps to maintain the anonymity of the evidences and case details and helps to avoid intentional tampering, altering and corruption in the process.

The **chain of custody** module tracks the change of hands of each article at each stage and keeps an audit log of these information. As at each stage, QR code is scanned before operations, the complete chain of custody is visible in the application software with details like duration of custody, date and timestamp, purpose of change of hands etc.,

Visit our Website: [www.capulustech.com](http://www.capulustech.com) for more details.

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