FORENSIX

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AGENDA

CRIME SCENE INVESTIGATION TABLE (CSIT)

- PROBLEM STATEMENT
- TARGET USER
- SOLUTION PRODUCT
- PROTOTYPE
- VALUE PROPOSITION

PROBLEM STATEMENT:

Crime Scene Investigators (CSIs) face significant challenges in collecting, analyzing, and securing evidence efficiently at crime scenes.

Key Issues Faced by Investigators:

- Inefficiency in on-site evidence analysis (40 million pending court cases)
- Transport challenges
- Lack of real-time analysis and data security(80% of crime scenes globally are investigated without proper forensic tools)
- Need for durability

Who Needs This Solution?

- **Law Enforcement Agencies** (Over 30 million police officers worldwide require forensic support).

- **Government Investigation Units** – CBI, CID, NIA.

- Private Forensic Labs (Backlogs in forensic lab).

- Disaster Response Teams.

Real-World Statistics:

- Over 350,000 DNA samples are pending in forensic labs.
- **India:** ₹3.18 crore allocated for forensic modernization in UP alone.
- **Global:** Georgia invested $2.4 million in digital forensic tools in 2025.

FAILED SOLUTIONS

- Smart Investigation Kits for Police

- Mobile Forensic Lab

- DNA Databanks & Rapid DNA Analysis

All previous solutions failed due to fragmentation, lack of integration, and adoption barriers.
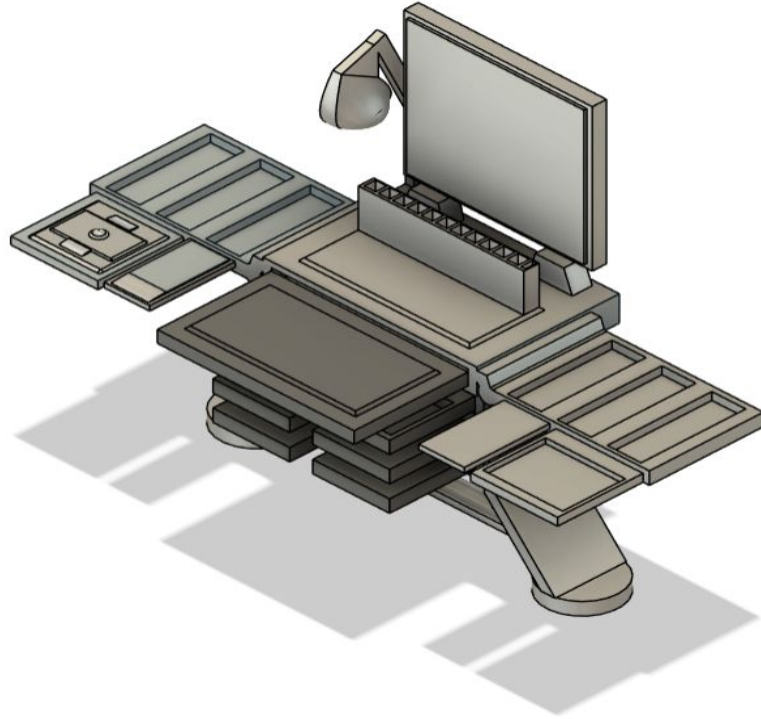
SOLUTION PRODUCT

- **Portable & Compact:** Folds into a suitcase, easy to carry.

- **Strong & Durable:** Built with **Titanium Alloy, Carbon Fiber & Kevlar**.

- **Smart Forensic Integration:** Features UV lights, sensors, data encryption, and IoT-enabled case analysis.

- **Harsh Environment Resistant:** Weatherproof and impact-resistant materials for field operations.

What It Offers:

- **Portable, Rugged Workstation** – Expandable, durable, easy to carry.

- **Built-in AI Crime Scene Analysis** – Real-time data processing.

- **Integrated UV Light, Foldscope, and Chemical Test Kit** – Instant on-site testing.

- **Tamper-Proof Blockchain Storage** – Secure & legally admissible evidence tracking.

- **Remote Connectivity for Expert Support** – Live case updates and remote analysis.

PROTOTYPE

Link : https://a360.co/3DGaQbn

Unique Value Proposition

- First-of-its-kind **smart forensic workstation** with real-time data analysis.

- Designed to **reduce investigation time** and improve efficiency.

- **Wide adoption potential** among law enforcement, forensic teams, and intelligence agencies.

Crime happens every second

Delays harm victims

Current systems fail on-site

Unlike previous forensic solutions, your CSI Table provides an all-in-one, portable, smart forensic lab with real-time AI analysis, tamper-proof evidence storage, and rugged durability—all in a single, easy-to-use suitcase.

Manufacturing & Selling Cost Estimates

Titanium Alloy + Kevlar + Carbon Fiber (Premium)
Manufacturing Cost (₹) : 2,50,000 - 3,00,000
Selling Price (₹) : 4,50,000 - 6,00,000

Aluminum 7075 + Carbon Fiber + Polycarbonate (Mid-Range)
Manufacturing Cost (₹) : 1,50,000 - 2,00,000
Selling Price (₹) : 2,50,000 - 3,50,000

Market Willingness to Pay:

- **India:** ₹2,50,000 to ₹3,50,000 per unit.
- **Global:** $5,000 to $7,000 per unit (~₹4,15,000 - ₹5,80,000).