

Forensic Triage Unit

SceneSafe Ltd was established to support the UK justice system under the control of the Forensic Science Service in 1996. Now privately owned, SceneSafe have developed their forensic portfolio to include the Forensic Triage Unit.

We understand that the needs of each individual client are unique to their operational objectives and as such we tailor the design through a consultative approach. Our support and commitment to forensic development is key to our ability to respond to a fast moving and innovative industry sector.

The Forensic Triage Unit has the operational ability to receive, process, forensically examine and store all types of forensic evidence. The Forensic Triage Unit is a mobile solution meaning it can be transported by land, sea or air to a location of the user's choice, enabling real time forensic examination on scene or as reasonably close to the scene as required.

Each area within the Forensic Triage Unit has been segmented in order to provide a different capability including fingerprint recovery, forensic imagery, DNA retrieval and compensable product storage.

DNA Room

Features standard white easy clean cabinets with stainless steel worktops. Two fixed bench protection rolls on either side allow for a clean bench-top work area to be achieved for each investigation. Overhead lockers or bins will be provided containing evidence recovery kits for specific evidence type recovery and labeled accordingly.

Flooring remains the same throughout and features easy to clean lab flooring which rises up the wall sides by 15.24cm-20.32cm to enable a deep clean from the ground up. All laboratory furniture will be floor mounted and fixed in place for safe movement of the unit when required. Any loose furniture such as chairs / stools will need to be secured in place. All DNA associated consumables and equipment will be forensic DNA grade and housed in dedicated storage areas within the cupboard and draws provided.

We will also include overhead storage for kits and DNA recovery equipment. DNA room will include the Leica M60 Microscope for biological examinations. All PPE will be stored in the changing or gowning area. Bio-hazard bins will be provided to remove any items for disposal.

Gowning Room

The Gowning Room is a contained area with a double door entry system into the DNA room. This will enable the control of contaminated items going into the DNA room. All PPE consumables will be supplied in this gowning room and will provide the user with all items needed to maintain a lab environment including a range of cleaning products and bio-hazard waste bins for afterwards. The main entrance will take you straight into the vestibule areas where the majority of the consumables stores reside. Here you will find replenishment stock for items that are used within each area of the triage unit.



Fingerprint Room

Providing full fingerprint development capability, the fingerprint room includes:

- Cyanoacrylate Fuming Chamber
- Drying Cabinet
- Fingerprint Development Chamber
- Downdraft Fingerprint Processing Bench

A whole host of consumables are provided within the Forensic Triage Unit and each is located in a specific spot which has been thought out to provide aided user interaction when processing.

Imaging Room

The door is triggered by a safety switch which kills the top electrical circuit (which in turn kills the ALS). So should someone enter the room it will prevent eye damage from the ALS. Each piece of equipment is backed up by a UPS to prevent data loss in the event of a power output.

- Darkroom required for forensic light source examination
- Forensic light sources are used in a controlled environment for health & safety
- Technical equipment will not be affected by any fingerprint development products
- Dedicated work station for fingerprint identification

The layout and format of the Forensic Triage Unit can be configured and equipped in a myriad of ways. This could include being setup for DNA recovery and analysis, fingerprint recovery and submission, joint DNA/fingerprint recovery or as the images in this document show, separate DNA and fingerprint lab areas. Daily and weekly cleaning protocols will be provided to ensure the Forensic Triage Unit remains a clean working environment and all chemicals required are built-in to the unit for use.

