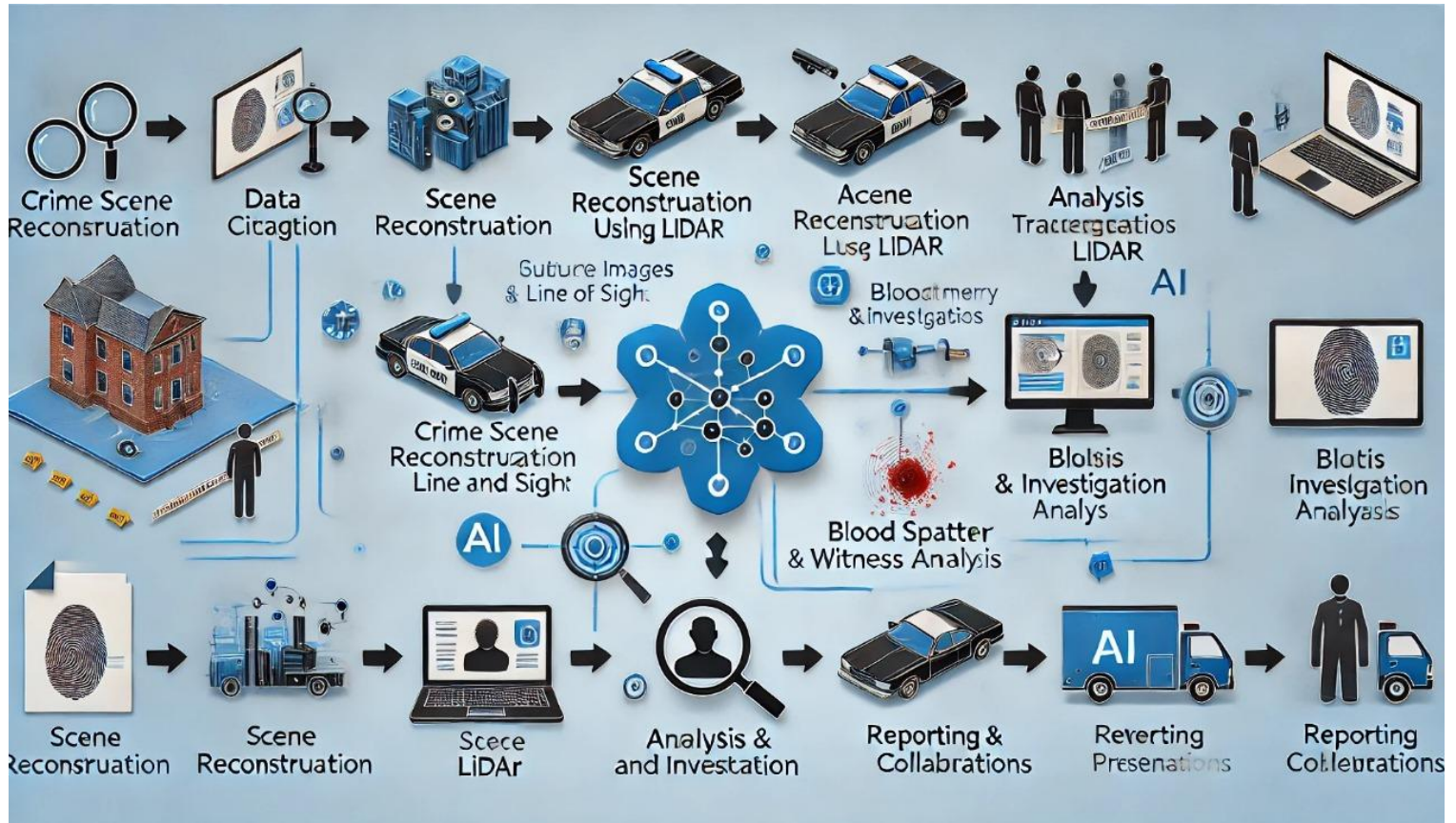## Problem Description:

Unisys Forensic360 is an AI-powered application designed to revolutionize crime scene investigations by providing CID teams with advanced tools for data collection, analysis, and reconstruction. The app enables investigators to capture high-resolution images and spatial data from the crime scene using devices like drones, cameras, or LiDAR sensors.

Collected data is processed using photogrammetry and AI algorithms to create a precise **3D model** of the crime scene. This model includes critical details such as evidence points, bullet trajectories, blood spatter patterns, and object placements. Investigators can simulate event timelines, analyse the suspect's line of sight, and validate witness statements with unparalleled accuracy.

The app also facilitates **report generation** and **interactive courtroom presentations**, allowing investigators to share findings clearly and effectively. By automating key processes and ensuring precision, **Unisys Forensic360** simplifies investigations, improves outcomes, and strengthens judicial transparency.

Workflow:

Flowchart: