

How Might We Make 3D Forensic Evidence More Accessible to Increase Juror Comprehension and Achieve Fairer Verdicts?

Problem

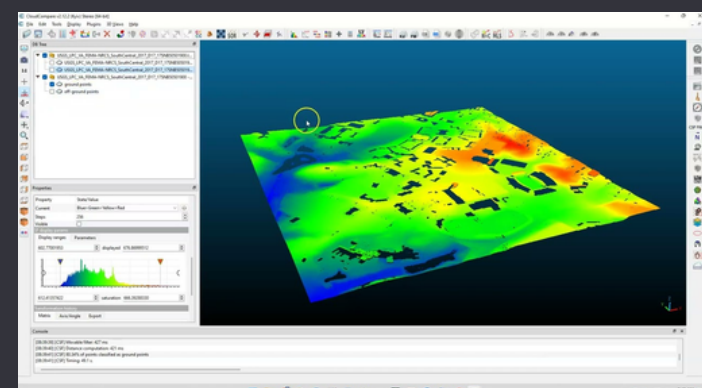
- With traditional evidence, jurors understand **less than 50%** of complex forensic testimony
- 3D evidence has been proven increase juror comprehension to up to 94%
- However, cleaning the point clouds for these scenes can take more than 40 hours making the process slow and largely inaccessible

3D Forensic Evidence Creation Pipeline

Scanning the crime scene



Manually cleaning the point cloud



3D crime scene reconstruction

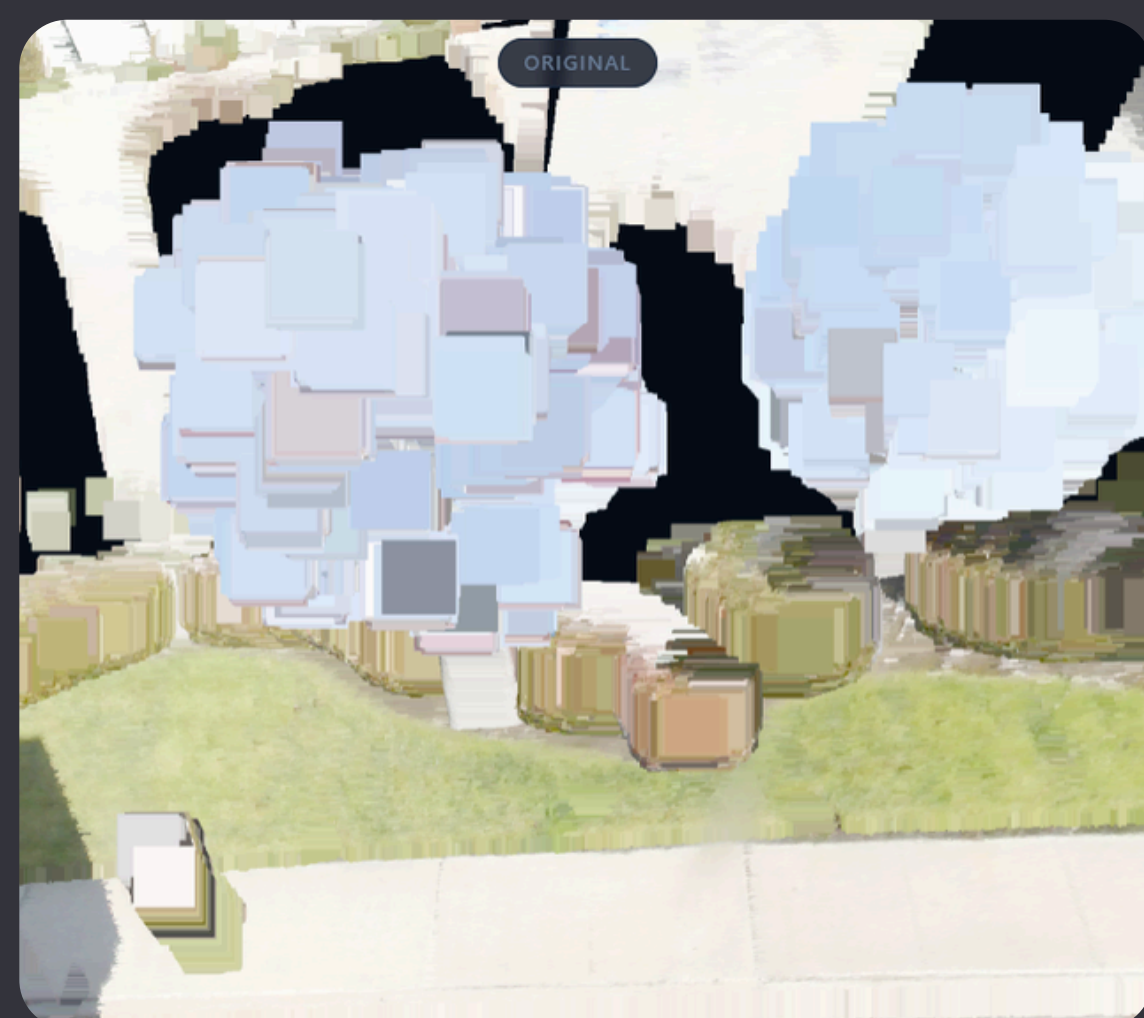


Solution / UVP

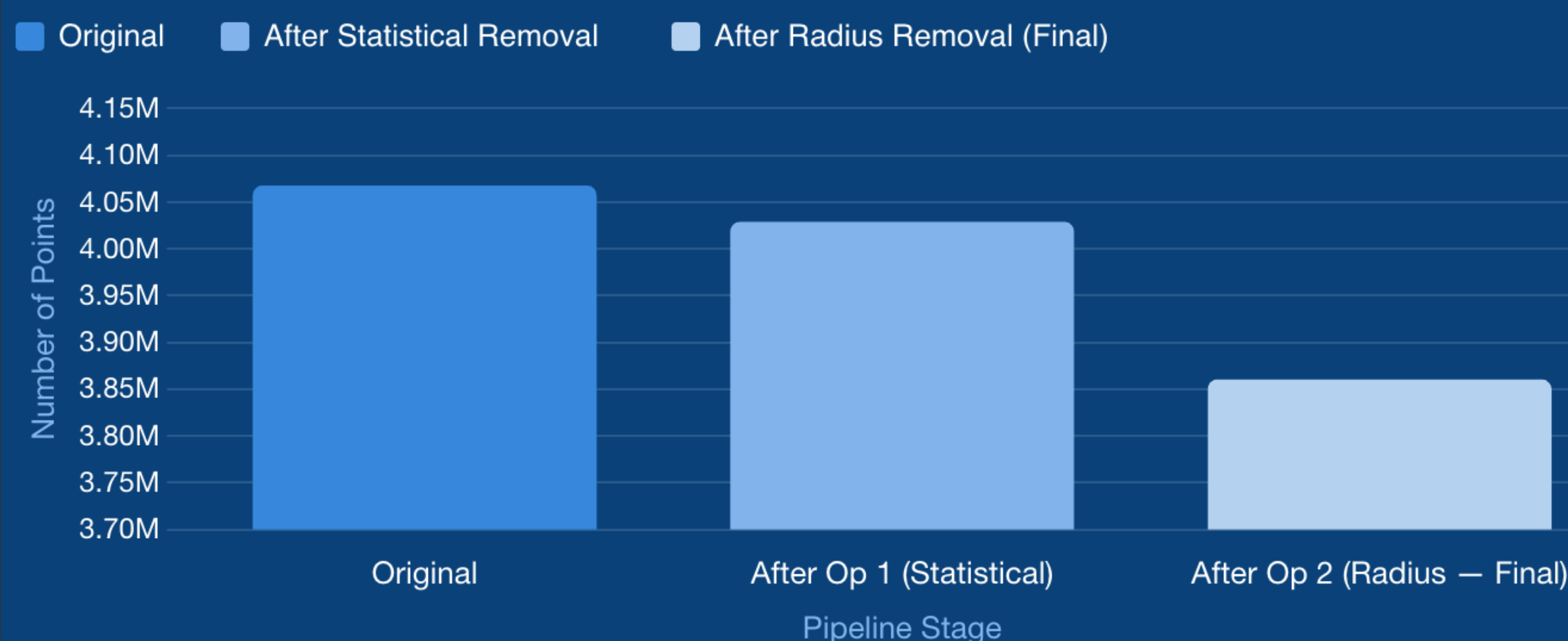
We designed **ForensicCloud**, the first **human-in-the-loop** point cloud cleaning software **tailored towards forensic analysts** that reduces the majority of time spent cleaning point clouds.

Business Plan

Traction Experiment



POINT COUNT AT EACH PIPELINE STAGE



Who Pays

- Government Agencies
- Forensics Departments

How It Starts

- Given as a free tool initially
- Agencies are converted to paying customers

Price

- 5-10k per agency
- Subscription based
- Scales with agency size

Business Model

- For profit software as a service
- Main costs include infrastructure and maintenance

FIRST USER & SCALABILITY

- First user is Detective Jason Oliver from the Wilkes-Barre City Police Department in Luzerne County, Pennsylvania
- Demonstrating the efficiency of this process will convince other counties to adopt this technology



Reducing time to generate 3D evidence



More cases that 3D evidence can be used



Greater adoption across country