

BALLISTICS

Firearms Triage & Intelligence

Within minutes of a shooting incident, an agency can scan and upload cartridge case images, determine the unique number of firearms involved in the incident, and identify the best cartridge case for entry into the NIBIN program. These cases are then forwarded to our team of Senior Firearm Examiners at our Virtual Correlation Center (VCC), who will analyze all images, possibly determine the manufacturers of firearms, and search for potential links in real-time.

*Enhancing investigative capabilities and speed is crucial to protecting your communities. Imagine having a team of experts behind you to examine ballistic evidence and find potential links **within minutes...**not weeks and months.*

Ballistics IQ is the first and only automated and patented firearms triage solution.

- Scans recovered cartridge cases in approximately **30 seconds**
- Compare scene and known firearm (test fires) cartridge cases
- **Real-time** Crime Scene Analysis Triage reports (identify number of firearms, best candidates for entry into NIBIN, likely firearms make/model)
- **Connect** separate shooting incidents
- **Automated cross-agency potential link notification**
- Document all phases of exhibit examination/analysis
- **Reduce and eliminate backlogs**
- **True** nationwide sharing



CAPTURE IMAGE OF CARTRIDGE CASES



ANALYZE CARTRIDGE CASES



LINK SHOOTINGS & IDENTIFY FIREARMS

UTILIZING PROPRIETARY IMAGE ANALYSIS, BALLISTICS IQ produces investigative leads in minutes... even at the crime scene.

Real-time Crime Scene Analysis Triage Reports and Potential Links Reports within hours



VCC Firearm Examiners are available 24/7/365 days a year



Connect crime scenes where a potential link can be established



Provide Actionable Intelligence to Investigators to help close cases faster



Reduce and eliminate backlogs



Nationwide sharing, affordable and scalable



Reduce crime rate

EVIDENCE IQ
BALLISTICS IQ

VCC APPROVED CRIME SCENE ANALYSIS REPORT
POSSIBLE FIREARMS = 2

Investigative leads produced from this Crime Scene Analysis Report should not be used solely to establish probable cause. Microscopic examination by a Forensic Firearms Examiner is required to confirm the associations identified in this report in accordance with agency policy.

VCC FIREARM EXAMINER COMMENTS

Items #177, 201 and #178 are identified as test fire from a Smith & Wesson, Model 220, caliber .40 S&W pistol, SA F279646, from #177. #178 should be entered into NARS. Potential link exists to pending #19002 residential fire from 10/24/21 (MURKIN) 40 S&W ammunition. Note: The image label for item #177 201 being on image, was changed from 220caliber to Circular. Items #177, 101 and #178 are identified as test fire from a Glock, Model 22 Cal. A caliber .40 S&W pistol, SA 9623436. Item #178 should be entered into NARS. No potential link was found at this time.

EVENT INFORMATION

CASE/INCIDENT#	21020007007
DATE OF INCIDENT	06/03/2021 (EST)
LOCATION OF INCIDENT	2222 Hiram Farm Rd, Durham, NC 27845, USA 35° 47' 47.31022" N 77° 29' 36.207" W

SCAN SUMMARY

CARTRIDGE CASES	4
CALIBER	.40 S&W Auto / .40 S&W

POTENTIAL LINK QUERY RESULTS

Potential Links Found No Potential Link Found

*In accurate report will identify any potential links.

CARTRIDGE CASES RECOVERED

GROUP 1: .40 S&W Auto / .40 S&W - Granular - Circular

Room #1: 3 Cartridge Cases

High Confidence 3 Cartridge Cases

EVIDENCE IQ
BALLISTICS IQ

POTENTIAL LINK REPORT

Ballistics IQ has generated a correlation between the exhibits listed in this report. The results identified in this report are intended to provide investigators a potential investigative lead and should not be used solely to establish probable cause for arrest. Microscopic examination by a Forensic Firearms Examiner is required to confirm the associations identified in this report in accordance with agency policy.

VCC FIREARM EXAMINER COMMENTS

Item #177, 101, Case 19 001902 is associated with Item #177, 2 in Case 19 001902 Approved by VCC 2/21/21

SEARCH INFORMATION

Agency	Ballistics IQ Firearm Examiner
User	Ballistics IQ Firearm Examiner
Search Date/Time	05/20/2021 10:54:04
Contact #	
Event	

REVIEW

<p>Status: Potential Match</p> <p>Reviewed By: Evidence IQ Firearm Examiner</p> <p>Review Date/Time: 03/15/2021 10:54:04</p>	<p>PROBE IMAGE</p>	<p>POTENTIAL LINK IMAGE</p>
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CARTRIDGE CASE INFORMATION

Case/Incident#	SA Number	SA Number
Cartridge Case Number	PC13	PC12
Secondary Agency		
Category	Recovered Cartridge Case	Recovered Cartridge Case
Recovery Point	Residence	Residence
Last Updated Date/Time	05/20/2021 10:54:04 (EST)	05/20/2021 10:54:04 (EST)
Date of Incident	05/03/2021 (EST)	05/03/2021 (EST)
Location of Incident	800 James Ridge Dr, Lawrenceville, GA 30046, USA	800 James Ridge Dr 300, Snellville, GA 30078, USA
Latitude	33.8782640	33.8587920
Longitude	-84.5442340	-84.5224840
State/Zip/Postal Code	GA/30046 (EST)	GA/30078 (EST)
Reference/Culture Version	15.1 (2018) USA	15.1 (2018) USA
Country	United States	United States
State	GEORGIA	GEORGIA
County	Dawson	Dawson

Success Story

Homicide scene of a young male on a Sunday.

9mm Luger caliber firearm with multiple cartridge cases were collected and entered into Ballistics IQ by Sunday evening. Simultaneously, detectives interviewed witnesses and identified a potential suspect. Detectives were able to obtain a search warrant for his residence that was executed the following day (Monday). Cartridge cases were recovered inside the residence and entered into Ballistics IQ within an hour. The Virtual Correlation Center (VCC) identified the potential link between the cartridge cases recovered inside the suspect's residence and cartridge cases collected from the homicide scene. Ballistics IQ information was used in the affidavit and a warrant was obtained for the suspect that day.

By Tuesday, the suspect was arrested and charged with 1st Degree Murder.

If you would like to learn more about Evidence IQ, please visit us at www.evidenceiq.com.