KENTUCKY STATE POLICE AND
ATF LOUISVILLE DIVISION
KYOPS / ETRACE INITIATIVE
VIOLENT CRIME IN KENTUCKY

Percent Increase or Decrease

- Assault
- Homicide
- Robbery

2018 2019 2020 2021
FIREARMS TRACING
TRENDS IN KENTUCKY

<table>
<thead>
<tr>
<th>Year</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>6,100</td>
</tr>
<tr>
<td>2020</td>
<td>7,924</td>
</tr>
<tr>
<td>2021</td>
<td>5,991</td>
</tr>
<tr>
<td>2022</td>
<td>6,230</td>
</tr>
<tr>
<td>2023</td>
<td>15,000+</td>
</tr>
</tbody>
</table>
HOW DOES THIS HELP MY OFFICERS?

**ATF Firearms Trace Report**
- Identifies first purchaser

**There’s more**
- Can identify source of crime gun(s)
- Can identify firearms trafficker(s)
- Can establish previously unknown residences
- Can establish previously unknown criminal associations
- Can identify previously unknown addresses, safe houses, locations for criminal conduct
- Can identify owner of lost or stolen firearms (no reporting in some states)
- Can identify problematic FFL’s
- Can help establish timelines in investigations
  - When purchased, when transferred, who possessed when used (NIBIN)
Automated Crime Gun Tracing

1. Firearms seized by law enforcement agency.

2. Report/citation completed in KYOPS.

3. Trace requests transmitted to ATF’s National Tracing Center.

4. Trace reports automatically returned to KYOPS.
Kentucky’s Automation of Crime Gun ATF eTracing
eTrace – KyOPS Client Property Segment
Entries flagged as "Sensitive – Do Not Trace" will NOT be transmitted to the ATF, National Tracing Center due to the sensitive nature of the firearms recovery. This status should be utilized in cases where the initiation of a firearm trace request and subsequent contact with a federal firearms licensee (firearms dealer) may compromise a sensitive/undercover investigation.
Report 12-22-0250 was accepted by the tracing web service with trace number T20220012754 and a trace report is now available.

Firearm ACC AP9.

THIS FIREARM WAS TRACED TO A PURCHASER. FOR ANY QUESTIONS, PLEASE CONTACT ATF NATIONAL TRACING CENTER, FIREARMS TRACING BRANCH AT 1-800-788-7133.

— This product uses the ATF Data API but is not endorsed or certified by the ATF.
# eTrace – KyOPS Client - Dashboard

## KYOPS Client

<table>
<thead>
<tr>
<th>Type</th>
<th>Status</th>
<th>Local/Case #</th>
<th>Entry Date</th>
<th>Last Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIBRS</td>
<td>Accepted</td>
<td>12-21-0267</td>
<td>10/18/2021 10:11:52 PM</td>
<td>10/27/2021 2</td>
</tr>
</tbody>
</table>

### Quick Capture

<table>
<thead>
<tr>
<th>Incident Type</th>
<th>Local Code/Case Number</th>
<th>Incident Date</th>
<th>Unit</th>
<th>Unit Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citation</td>
<td>DW07534</td>
<td>10/18/2021 4:52 PM</td>
<td>380</td>
<td></td>
<td>US127 S</td>
</tr>
<tr>
<td>KSP41</td>
<td>12-21-0267</td>
<td>10/18/2021 4:29 PM</td>
<td>380</td>
<td></td>
<td>MONEY</td>
</tr>
<tr>
<td>KSP41</td>
<td>12-21-0267</td>
<td>10/18/2021 4:29 PM</td>
<td>380</td>
<td></td>
<td>DRUGS</td>
</tr>
<tr>
<td>FIREARM TRACE</td>
<td>12-21-0267</td>
<td>10/18/2021 4:29 PM</td>
<td>380</td>
<td></td>
<td>GUN/ammunition</td>
</tr>
</tbody>
</table>
eTrace – KyOPS Web Dashboard
LexisNexis Lessons Learned

- Modify eTrace transfer service to retrieve all traces updated the previous day, not by specific trace id.
- Implemented automated email logic to alert ATF when firearm key identifiers are updated by the officer.

Hello,

Please update the following to reflect the new changes:

New changes for trace T20230122376

- firearm caliber has been changed from '9' to '40'
- firearm serial number has been changed from 'BSBB445' to 'BSBB445.'

Regards,
KYOPS
LexisNexis Lessons Learned

- Code file mismatches between KyOPS and ATF and dealing with obsolete codes.
- Always send first suspect as "Possessor" and all other suspects as "Associates", not just when the suspect is the firearm owner.
- Default “Sensitive – Do Not Trace” to “No”.
- More upfront officer communication and training. Total automation did cause some initial confusion.
LexisNexis Phase II Enhancements

- Implement logic to update ATF firearm code files on frequency.
- Add functionality so that all of an agency’s E-Trace requests can be managed from a single web page. Currently only tied to a KyOPS case.
- Add E-Trace reports to KyOPS Master Name Searching.
- Add functionality to collect firearm information to E-Call Response wizard when a seized firearm is involved.
Manual Submission & Retrieval

• Limited LE resources - The manual entry and retrieval of individual trace requests via eTrace can be time-consuming and in many cases redundant given that most agencies already capture relevant data in their property/case management system.
The implementation of eTrace DIRECT Application Programming Interface (API) services allow for the real-time secure exchange and use of data between the ATF National Tracing Center and our law enforcement partners.

- Automated exchange (submission and retrieval) of firearm trace related information between ATF and the LE community.
- Improved data quality through the standardization of firearm reference table data.
- Law enforcement agencies can tailor their own case/records management systems to connect seamlessly with ATF’s Firearm Tracing System.
DIRECT API SERVICES

REST Based API (Put, Post, Get) using HTTPS over TLS

• **Get Reference Tables API** – Allows for the retrieval of ATF reference data from 28 different tables (i.e. Manufacturer, Type, Caliber, Recovery Location, etc.)
• **Validate Trace API** – Allows for transmission of one or more trace records for validation only. Used for testing a JSON file for proper formatting and validation checks (rejected, retained, duplicate, or accepted)
• **Submit Trace API** – Allows for the submission of one or more trace requests
• **Update Trace API** – Allows the source RMS system to pass updated information for a previously submitted trace
• **Get Trace Status API** – Allows for the retrieval of trace status (In Progress, Completed, Delayed)
• **Get Trace Results API** – Allows for the retrieval of detailed trace results data based on date range, trace status, trace number, etc.
DIRECT CONSIDERATIONS

- In-house IT support staff versus reliance on external vendor?
  - Possible contract implications (cost and time)
- Are firearms uniquely identified in the RMS and/or Property and Evidence System?
- Assess Mandatory vs Optional data for higher acceptance rate and improved value of trace results (enhanced investigative leads).
  - Firearm description: Serial Number, Manufacturer, Type, Caliber, Model, Importer
  - Requestor name, agency ORI, crime code, case number
  - Possessor and associate information, if available
  - Recovery date and location
- Is data captured in an ATF compatible format or will it need to be converted?
- How will trace results data be consumed?
  - Frequency, Notifications, Reports, etc.
- Option to transmit firearm images and enhanced Privately Made Firearm descriptors
DIRECT PARTICIPANTS

Priority Agencies:

Other Agencies Currently Engaged:
Questions?

Ed Stely
Special Assistant to the AD of Enforcement Programs and Services
Email: edward.stely@atf.gov
Phone: (304) 260-1515
Cell: (301) 988-2473

eTrace Customer Service Team
Email: etraceadmin@atf.gov
Phone: (304) 260-1540

Lt. Colonel Larry Newton
KY State Police
Email: larry.newton@ky.gov
Cell: (502) 661-9957

Shawn Morrow
Special Agent in Charge - Office
Louisville Division
Email: shawn.morrow@atf.gov
Cell: (615) 480-2640

Steven Roadcap
LexisNexis Coplogic Solutions
Email: steven.roadcap@lexinexisrisk.com
Cell: (502) 338-8629