

Crime Insight Release Notes v4.1.0

Crime Insight version 4.1.0 was released on January 13, 2026.

What's New?

This version of Crime Insight contains the following significant updates:

- a) Support for a full Death in Custody module for collecting reported deaths and passing them on to BJA
- b) Support for a new Data Feed module, automating sending data to downstream consumers
- c) Full support for web service NIBRS submissions in Missouri, to automate submissions from RMS systems
- d) New page for managing the list of vendors in the state
- e) Support for the latest updates to the FBI's Use of Force specification
- f) Made it easier to find errors/warnings reported by the FBI on the NIBRS Errors and Warnings page
- g) Improved performance by avoiding counting entries on certain pages.

Death in Custody

Crime Insight now has full support for reporting death in custody. Some key features of this data collection include the following:

- A simple form is provided for collecting the information required by BJA.
- Submitted data can be found by agency, date of death and decedent surname (either full match or first 3 characters).
- All data in the database is fully encrypted.
- Although not likely to be used in the early days, agencies will be able to upload files generated by an RMS/JMS system, according to a new JSON specification defined by Beyond 20/20.
- Crime Insight will track updates for quarterly bulk submission to BJA. When an older report is updated or deleted, the file containing the original submission is rebuilt and must be uploaded in its entirety to BJA again.
- Deaths may be reported for any agency in Crime Insight, even if they do not operate a jail/prison, so that deaths during arrest may be included.
- Agencies operating jails/prisons can be configured as participating in the data collection.
- Participating agencies may submit zero reports for quarters where no death occurs. If they do not, they will appear on the "Agencies with Missing Death in Custody Submissions" report.

Beyond 20/20 would be happy to provide pricing and a full demo of the functionality on request.

Data Feed

This release includes a new component to support a generalized data feed to downstream applications. Data can be fed to either an SFTP server or an S3 bucket on Amazon. The structure of the feed matches the structure of the Beyond 20/20 extract database, which is a fully normalized model.

The feed can be run on any schedule and will send any new/updated rows in each table that has been requested. It is fully configurable on which columns are to be provided for each table. The result is a set of CSV files that can be imported into Excel or any database system.

The feed also includes a list of incidents that have been deleted since the previous run. This allows downstream applications to be completely in sync with the Crime Insight database.

Web Service Submissions

Crime Insight now includes CIAPI, a tool that supports fully automated validation and submissions by RMS systems via a web service interface. This is fully implemented and operational in TN with one RMS, with others to follow.

With version 4.1.0, CIAPI is now available in MO and testing with the first RMS will begin shortly. Beyond 20/20 will continue to add support on a state-by-state basis until it would be possible to enable it in any state.

Vendor Management

Crime Insight includes the ability to specify which vendor is being used by each agency, for each data collection. Prior to v4.1.0, the list of vendors was managed by Beyond 20/20, so state clients would need to contact the Support team to have a new vendor added.

In v4.1.0, there is now a new page under "System Administration" to allow administrators to manage the list directly. This page has the following functionality:

- View the list of all vendors in the system (with full filter/sort functionality)
- Add new vendors
- Change the name of vendors
- See which agencies are currently using each vendor, and for which data collection(s)
- Delete vendors that are not currently in use.

Use of Force Updates

This release of Crime Insight supports version 4.8.3.1 (May 2025) of the FBI's Use of Force specification. This includes the following updates:

- Fields previously identified as "Gender" are now identified as "Sex" in the generated JSON files, including those submitted to the FBI.
- The JSON tag for the state name has been changed to "address_state_or_territory_id", in files created by the Use of Force Editor and those created for submission to the FBI. Files submitted from other sources are accepted with either the old or new tag.
- When a Use of Force incident involves NIBRS offenses 90A, 90E or 90H, these are converted to 90Z for submission to the FBI.
- When "UNKNOWN" is provided for either of the race_ethnicity_ids fields (subject or officer), no other values for the field are accepted. Errors S02.4 and O02.4 have been introduced reporting "When Subject (or Officer) race_ethnicity_ids contains either 'PENDING' or 'UNKNOWN', it cannot contain any other values."
- Although not included in the latest FBI specification, a new validation rule has been implemented to ensure that the Charged field is "No" when the subject's injury type is "DEATH".

FBI Errors and Warnings

On very rare occasions, the FBI may report an error for an incident submitted from Crime Insight. For states running the FBI Web Service (AZ, CO, ND, TN), these errors are automatically captured in Crime Insight. For other states, they are captured when EDS files are processed into the system.

In both cases, the errors automatically appear on the NIBRS Errors and Warnings page. Until this version, it was very difficult to find errors specifically reported by the FBI. This is important because the errors were not reported to the agency when the incident was submitted to Crime Insight, so the agency may not be fully aware of it.

In this version, a new filter option was added to the NIBRS Errors and Warnings page. As part of the filter on the "Type" column, users can now select "Type is FBI Error" or "Type is FBI Warning" to find issues reported by the FBI that weren't first caught by Crime Insight. The filters for "Type is Error" and "Type is Warning" remain unchanged and will show all errors/warnings regardless of where they were first reported.

Performance of Data Upload Pages

In older releases, on the Data Upload pages (such as NIBRS Data Upload), the system was counting all uploaded files and reporting this on the page. As the number of files grows, this counting becomes slower and slower and creates issues for all users. In this release, the number of uploads is no longer shown, instead showing text such as "1 - 25 of many". The total count is only shown on the last page.

Bug Fixes - Repository and Reporting

The following issues have been addressed in this release:

Who	ID	Description
All states	CI-2899	Updated "Error Rates and Common Errors" report to use consistent formatting.
All states	CI-2902	Updated various Monthly Submission Overview reports to use the standard date format of YYYY-MM-DD.
All states	CI-2913	Disabled warning DQ1307 in all states, as property description 99 is not accepted in any state, except TN, for which 99 is mapped to property description 77 (Other).
All states	CI-2920, CI-2921	Implemented vulnerability fixes in the Repository and Landing Page that were identified by a security scan in VA.
All states	CI-2926	Updated the Property Description dimension in NIBRS cubes so that the group called "Other" is renamed to "Uncategorized properties" to avoid confusion with property description 77 (Other).
All states	CI-2931	Fixed issue with filtering by "Date is after" condition, which was off by a day.
All states	CI-2942	Fixed issue with page being inaccessible after a session time out.
All states	CI-3000	Corrected issue when drug quantities submitted in flat files include spaces. Note: it will be necessary to identify and fix all previously submitted incidents affected by this issue. Beyond 20/20 will find a way to automate this as much as possible.
All states	CI-3016	Ensured that the web service operation to clear warnings now requires and stores the necessary information for this operation.
All states	VA-504	For all Monthly Submission Overview reports (for each data collection), it is no longer possible to select the current year in January.
WY	CI-2929	Fixed issue with Audit Incident Selection so that only Group A offenses are shown when Group A is selected.
WY	CI-2949	Audit Incident Selection dialog box now closes cleanly when using the X at the top right.
VA, CO	CI-3021	On the Contacts Errors and Warnings page (CO) and Community Policing Errors and Warnings page (VA), cleared warnings were being shown as "dismissed" and dismissed errors as "cleared". This has been fixed.
CO	CO-977	Contacts cubes have been updated so that long incident numbers work, supporting the link to the Contacts Single Incident Viewer.
CO	CO-978	Contacts Single Incident Viewer now presents long incident numbers cleanly.
CO, TN, AZ	SUP-1118	Web service submissions to the FBI now send drugs properly when no drug information is provided (e.g. involved in crimes other than 35A).
All UoF states	SUP-1243	The Use of Force Editor now properly clears errors at the top of the page when moving from one incident to another.

Who	ID	Description
MO, ND, WY	SUP-1249	Updated the counts of outstanding errors and warnings on the Agency Dashboard, which were not being counted correctly.
TN	TN-759, TN-773	Improved the performance of the nightly extract process used for cubes by eliminating tables that are not needed.