Anonymized Dummy Database ACEIP Use Case

- **Use Case:** Obfuscated dummy database for improving the Agency Conversion tooling and training
- **What is a Conversion?:** A conversion is the process of moving agency data from legacy systems to Axon's evidence.com application. This is a complicated process that requires comprehensive tooling and well-trained employees working the process.
- **What is the Customer benefit?:** Customers will benefit from a more seamless conversion process with the tooling that uses the dummy database for testing, and from employees who are better trained on how to work with complex database structures.
- **What data will Axon access?:** Axon will access the database information schema and tables to process the values and create a dummy database.
- **How will Axon use your Data?:** Axon will obfuscate and de-identify any PII or CJIS data, replacing the values with dummy placeholders to be used in testing and training. No original data will be copied or transmitted, and some non-identifying values such as colors (of hair, vehicle, eye, etc.), builds, or ethnicity will be randomized. The structure of the database will be retained but keys will be changed and randomized so no link to the original data can be inferred. The outputs are:
  a. A test database or databases to be used for training users

  b. A test database or databases to be used in testing the application and software development process
- **How much data and for how long?:** We will use up to 1000 records per table from the source database to get enough data for varied example reports. The actual hands on time viewing and processing the data is in the minutes to hours, and after completion, will be retained per ACEIP program rules.
- **What Privacy Preserving Technique will be used?:** All fields with sensitive data in them will be replace by synthetic values for common field types like name, date of birth, addresses, phone numbers, and others. The tooling will work entirely within Axon's cloud infrastructure so that no data is leaked while processing the obfuscation. In the cases that data needs to be reviewed to determine CJIS or PII content within a field, the data will first be partially redacted.
- **Will the original data be viewed?:** There is a chance that the original data may need to be viewed to confirm or rule out the existence of CJIS data or other PII within the source database. This will be undertaken by CJIS cleared individuals and limited to only the steps necessary to verify the data in advance of running the obfuscation. The resulting database will have no original data other than randomized default field values and not be linked to the original database in any way.
- **Preservation of original content & temporary copies:** No original content is modified, and the tooling will only act on a copy of the agency data used in the current conversion process. No actual agency database will be accessed or queried. In the process of acting on the copy of the data, no temporary copy of original values or data is stored and only obfuscated data is inserted into the dummy database by the tooling.
- **Can I get more information about what Axon is doing and why?:** Absolutely! Please write us at aceip@axon.com and we'd be happy to answer your questions.
- **Am I able to withdraw my agency from this use case and from ACEIP altogether? What will you do with my data if I withdraw after the fact?** Absolutely! If at any time you'd like to withdraw, please write us at aceip@axon.com. We will delete any extracted data we have while preserving your original data (e.g. Customer Content) in Axon Evidence. Insights that have been extracted, de-identified, and are privacy preserving will be retained indefinitely.
- **What does an example obfuscation look like?:**

Below would be the sample, starting data for a simple record in a SQL table containing citizens:
Agency_DB_Copy
Table: Citizens

	A	B	C	D
1	**ID**	**First_Name**	**Last_Name**	**Hair_Color**
2	123	John	Doe	Red
3	124	Jane	Doe	Brown

Example obfuscated tables would look similar to below:
`Dummy_Database`
`Table: Citizens_Obf`

	A	B	C	D
1	**ID**	**First_Name**	**Last_Name**	**Hair_Color**
2	34545	Test_Adam	Test_Smith	Brown
3	424242	Test_Sally	Test_Johnson	Grey

Names would be randomized and obviously fictional, metadata would be randomized, and other values such as dates, ages, SSN, height, and weight will all be randomized or obviously faked.