

RFI Response: NexGen FOIA Tech Showcase, Day 1, Topic 4

Vendor: Smartlogic

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Dear Sir/Madam,

Thank you for the opportunity to respond to your RFI for your NexGen FOIA Showcase.

Smartlogic presently has deployments in both DOJ and HHS where we assist in the classification and identification of documents, primarily around the use case of enterprise search. Our technology can also be used to identify confidential, secret, PII or other concepts as driven by agency requirements.

Our semantic artificial intelligence software is a platform – or middleware – such that it can be integrated with multiple technologies, including (but not limited to): enterprise search, content management, business process management (case tools) or business intelligence platforms. As such, we could play a role in all Day One topics – 1, 2, 3 and 4 – but if you are limiting vendors to only present in one topic, we would align ourselves primarily to topic 4 (artificial intelligence).

Specifically, with regards to your RFI, Smartlogic can assist the FOIA process by:

- **Electronic Search** – Enable the ability to find information faster throughout all your data repositories. Benefit: Reduce record identification time.
- **Case Processing** – Provide a common “language” for all cases so that standardization exists within case types and consistent terminology is being used. Benefit: Reduce processing errors.
- **Redaction Processing** – Identify sensitive, confidential or PII information before records are released. Benefit: Minimize or eliminate manual record reviews.
- **Data Governance, Stewardship and “Crowd Sourcing”** – Provide the means to control the definitions and standards of both information request types and sensitive/confidential information. Enable subject matter experts to contribute to these definitions and standards over time. Benefit: Leverage the full knowledge power of your staff while maintaining change control.

Furthermore, once Smartlogic is integrated with your various systems, there’s no further coding or development work required. Our graphical user interface was designed to be used by anyone, not just Python developers.

A proposed **draft outline** for our presentation would be as follows. We welcome feedback and suggestions.

Total Time: 60 Minutes

- Smartlogic Overview (10-15 minutes)
- How Smartlogic Solves FOIA Challenges (10-15 minutes)
- Demonstration, Including Sample Redaction (10-15 minutes)
- Q & A

Case Study

Finally, we wanted to provide a sample case study from one of our existing clients in the healthcare and life sciences industry who had a similar challenge in identifying and redacting PII.

<p>The Initiative</p>	<ul style="list-style-type: none"> Secure PII information in medical records and associated documentation to comply with regulations. Leverage key knowledge found in 100 years' worth of unstructured information - medical records and associated documentation – to be used in predictive analytics. Integrate automated classification and text extraction services to expand upon ICD10 model classification to support rich and robust analytics
<p>How We Helped</p>	<ul style="list-style-type: none"> Leveraged Semaphore's knowledge model capabilities to enrich and manage a model that incorporates the SNOMED ontology. Classification and Language Service automatically applies appropriate tags such as name, title, address, medical number, birth dates and other identifying facts; replacing manual ICD10 classifications with automated SNOMED classifications. Smartlogic's Fact Extraction Framework combines NLP entity recognition with identification of contextual facts to locate medical PII in a diverse set of content types.
<p>The Value</p>	<ul style="list-style-type: none"> Quality analytics - The model and metadata are used to classify and tag medical documentation previously unavailable, to support large scale population analysis research. Decrease costs – Large scale analysis of case notes allows the company to identify trends in their insurance cases and mitigate them. Eliminate duplication - Once the documents are redacted, they can be discarded and the redacted corpus used for analysis.

