

**Abstract:**

Every day our users "google" topics for questions to problems they are facing, research, or just plain entertainment. Our users expect the same seamless search capabilities within our enterprise. Recently, LANL and Sandia have chosen Lucidworks Fusion for their internal search engine. We would like to discuss the needs and wants that led to the decision to use Fusion and the issues we've encountered while deploying this software in our environments. In addition, we will discuss future plans for LANL and Sandia to improve enterprise search. This will be an open discussion with questions to include:

- What search engine software are you using at your site currently? Any plans to change/upgrade?
- How do you optimize your search engine results? Metadata? Indexing?
- How do you optimize your search engine performance?
- Are any sites using a cloud-based search engine? Any advice for sites looking to move to cloud-based infrastructure?
- How many people currently support your search engine infrastructure?
- What are the biggest obstacles and challenges your site faces with enterprise search?