

Scope, an award-winning provider of outsourced, cost-effective content enhancement and knowledge services, has gained invaluable experience delivering Abstracting and Indexing services to leading STM publishers worldwide. Over the last few years, Scope has created more than 5 million abstracts/summaries for book chapters, patents, clinical summaries, and other technical literature. Leveraging its experience and expertise in this area, Scope has developed a platform-enabled content abstraction solution, *ConSClSe™*, which uses a judicious combination of proprietary software, in the form of Natural Language Processing (NLP) rules, and subject matter expert (SME) curation.

*ConSClSe* offers publishers and other information providers a unique opportunity to enhance discoverability of content via keywords and keyword-rich abstracts/summaries of a range of document types.

## ConSClSe Differentiators

- Keyword-rich abstracts to enable greater discoverability of content
- Multi-format input support to minimize the pre-processing time
- Ability to handle structured and unstructured STM documents
- Lower costs as less time spent in creating abstracts
- High volume handling resulting in scale up of production
- High-quality output with the rules-based automation, SME curation and editorial checks



**ConSClSe has the following components:**

**Input handling:** Accepts commonly-used electronic document formats, including PDF, MS Word, HTML, and XML. PDF input is processed via OCR techniques.

**Auto abstract creation:** Keywords and an initial abstract are auto generated based on statistical and linguistic rules.

**SME validation/enhancement:** Scope's SMEs validate the auto-generated keywords and abstract to ensure a logical flow of the sentences in the abstract and make edits required to meet client specifications.

**Peer reviewing and copyediting:** Through the peer interface, SMEs check the abstract for keyword coverage, content quality (relevance, logical flow, repetition etc.) and language, including spelling/grammar and readability checks using industry standard readability measurement techniques.

**Quality check:** To validate each abstract, a quality audit is performed against quality parameters such as readability, formatting, content coverage and search optimized keyword coverage.

**Output:** The desired output format (Text, MS Word, or XML) of the abstracts can be configured in the platform.

**For more information, please contact:**

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