What's New in Seal Version 5.3

V 5.3 extends Seal's focus of putting more power in the hands of business users to reduce costs and improve business agility

Introduction

Seal's advanced technology automates the discovery of contracts across the enterprise and extracts all the critical terms, provisions, and clauses buried in the text. It uses a combination of Machine Learning (ML), Deep Learning, Natural Language Processing, and other technologies to read and understand the content in documents, helping Seal's customers optimize the business value of their contractual agreements.

In Version 5.0, released in September 2016, Seal introduced new concepts and capabilities to increase the flexibility of the system for business users. This version added onto the existing ML framework with *User-Driven Machine Learning* (UDML), a breakthrough technology which enables business users to show the system positive and negative examples, training the system's ML engine to better understand and extract terms and provisions without needing a highly-trained resource.

"The latest version of the Seal platform puts even more power into the hands of business users, making it possible to do more and achieve more without the need for hard-to-find data scientists, or expensive legal or IT resources."

Kevin Gidney, CTO
Seal Software

The second major feature announced in Version 5.0 called "Analyze this Now" (ATN) allows business users to review contracts in their familiar MS Word® interface, with Seal running in the background to highlight segments of text which match approved clauses and provisions. Both ATN and UDML reduce the dependency on legal teams and IT resources to improve efficiency and speed in contract review, creation and analysis.

Announcing Seal Version 5.3

With Seal's new version 5.3, Seal brings to the product capabilities called Active Learning and a new Clause Library which help users manage and access approved language. This release will also include support for German-language metadata review and extraction directly within the Seal platform.

Active Learning

The key to performance and scalability with any system utilizing Machine Learning is the ability to train the system to ensure it knows what to look for and how to analyze specific data. With Version 5.0, the UDML system allows end users to provide examples of contract text to search from across their entire portfolio as they create custom extraction policies.

Active Learning is a new feature in Version 5.3 which significantly speeds up learning and creation of Machine Learning models. Instead of finding example text across various documents, users are *now presented* with a document preview which highlights a particular set of text for evaluation. Users can then indicate whether or not the text is appropriate for the specific extraction policy. Users can intuitively select "yes, this is a good example," or "no, it is not a good example for this model," or skip to the next example. These users can create digital applications with the combination of the Active Learning, information normalization, and presentation framework, reducing or removing the requirement to utilize specialized personnel.

Version 5.3 is a major step in Seal's path to what it calls "one-shot learning." By combining all ML methods with a set of proprietary processes and function, the Seal platform is now able to quickly and effectively generate a highly performant model with minimal review and examples.

Clause Library

Version 5.3 extends the "Analyze This Now" feature introduced in Version 5.0 with easy access to approved clauses from within the MS Word® interface. With ATN, users work on contracts from within Word and the system informs them with color highlighting if their clauses or provisions have approved language or not. With the new *Clause Library* in Version 5.3, if Seal indicates there is a clause or clauses that don't contain approved language, the user can go to the secure Clause Library and substitute the unapproved language with approved language.

> *"With Version 5.3, our customers continue to gain ever greater value from Seal to drive new revenue and gain competitive advantage over business rivals."*
>
> Kevin Gidney, CTO
> Seal Software

Clause Library (continued)

This end-user capability means users don't need legal resources, either in-house or third-party counsel to evaluate the language and provide them with appropriate text every time they find non-standard text. This results in dramatic cost and time savings, and better utilization of legal resources to higher-value activities. With Version 5.3, Web Services are also available for any external application to use Seal for insertion, tracking, and reporting on clause use.

Support for German Language

Additionally, this latest version release of Seal now includes of out-of-the-box German-language extraction models for critical contract components such as assignability, auto-renewals, contracting parties, governing law, limitations of liabilities and more.

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