



The ESA Business Incubation Centre in Darmstadt, Germany, was founded in 2007 and is managed by Centrum für Satellitennavigation Hessen (cesah). The centre offers business start-up support as well as technical expertise in different space related areas, and in particular in satellite navigation, data systems, software systems and navigation test environments.

Lexalgo Legal Tech GbR

Legal Process Automation



Website

Founded in 2013 by

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Incubation period

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space solutions

About Lexalgo Legal Tech GbR

Lexalgo formalizes and models expert knowledge. Our software is able to automate legal and related rule based assessment reducing complexity and costs where legal cases demanded remarkable manual support. Especially when dealing with highly frequent cases, complex assessment structures or big amounts of data sets, Lexalgo Modules activates an enormous saving potential and accelerate results.

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The challenge

Business processes are increasingly automated using workflow and business rules modelling software. However, cases with majorly legal content are being pro-cessed manually. Semantic complexity of legal fact description and legal linguistics prevent

complex au-tomatic support software. We help to find data in legal processes suitable for a formalization and automation. On this basis, we aim to model workflows which preserve expertise and accelerate as well as simplify legal checks. Knowledge and application of knowledge are intelligently managed and linked to existing processes.

The solution

Using our technology, e.g. clerks, lacking the expertise of other departments can make themselves decisions without first consulting with the relevant other special-ist department (e.g. legal). Our consultants develop these modules in cooperation with the relevant specialist departments of our customers and/or external experts.

With few limitations, we are able to map different legal issues in a formalized structure.

Conditions are simply that the problem to be modelled in the structure has a frequent use and is legally and clearly resolved and that blurs as indeterminate legal concepts or strongly diverging interpretation of constituent elements can be reduced to unique schemes.
