

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

We are a data science company with expertise in the research, development and application of algorithms for processing sensor and machine data. We develop powerful algorithms for you and then implement them as customised software solutions. This ranges from embedded to scalable server architectures, based on different platforms, development environments, technologies and standards.

We develop AI processes and algorithms to support lightweight construction, e.g. by optimising or increasing the degree of efficiency through the use of AI.

Amalienbadstraße 41 Bau 52

76227 Karlsruhe

Baden-Württemberg

Germany

🌐 www.shiratech-knowtion.com



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

10 up to 49

Turnover

Up to €2m

Funding

n/a



About this organisation

Main areas covered Algorithm development, Software development, Artificial intelligence, Machine learning

Infrastructure

Certifications ISO 9001:2015

Keywords AI, Data Science, Artificial intelligence, Optimisation, Algorithms

Memberships AMA Association

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Software & databases	✓	✓	✓
Services & consulting Training, Consulting, Technology transfer	✓	✓	✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology System analysis	✓	✓	
Modelling and simulation Optimisation	✓	✓	
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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**Research Development Manufacturing
& Supply**

Manufacturing process

Additive manufacturing

Coating (surface engineering)

Fibre composite technology

Forming

Joining

Material property alteration

Primary forming

Processing and separating

Textile technology

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

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Mr Vesa Klumpp
Managing Director

vesa.klumpp@knowtion.de