

## Overview

Silexica provides software development solutions that enable technology companies to take intelligent products such as autonomous cars from concept to deployment.

The SLX programming tools help developers implement software to run efficiently on embedded supercomputers by offering deep understanding of how software behaves on the system.

## Management

**Maximilian Odendahl**  
Co-Founder and  
Chief Executive Officer

**Johannes Emigholz**  
Co-Founder and  
Chief Operating Officer

**Weihua Sheng**  
Co-Founder, Vice President  
and General Manager, APAC

## Sales Contacts

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## Facts

**Headquarters**  
Cologne, Germany

**International offices**  
San Jose (USA)  
Tokyo (Japan)

**Founded:** 2014

**Employees:** 55

**Awards:**  
Embedded Award (2015)  
German accelerator (2016)  
StartX Stanford (2016)  
Accelerator (2016)  
Gründerpreis (2017)  
ACE Awards (2017) Finalist

## Investors

EQT Ventures  
DSA Invest  
Seed Fond Aachen  
Merus Capital  
PauaVentures

## Customers

**RICOH**

**HUAWEI**

**DENSO** 

**FUJITSU**

**MBDA**

**THALES**

## Product

**SLX is a programming technology that gives you absolute code understanding and enables you to master the most challenging multicore projects.**

**Analyze:** Absolute code understanding: Find parallelism, understand code with complete accuracy and clarity, plan potential and future pathways automatically.

**Optimize:** Meet challenging requirements: Distribute code, quality analyses, reliable and automated code unlocking.

**Integrate:** Faster time to market: Automatic Code generation solutions, guidance and planning for the final stage of your project with instant software improvements.

## Primary Markets

### Automotive

Unprecedented innovations in Autonomous Driving, Domain Controllers, Infotainment and Powertrain Systems are demanding more processing power leading to a shift from individual ECUs to centralized supercomputers. Automation is the only way to attack this exploding complexity and make self-driving cars become a reality. SLX, with unique software and hardware understanding, is enabling software professionals to deliver the most challenging projects.

### Wireless Communication

Next generation mobile networks like 5G offer radically faster connections and significantly more simultaneous users. Mobile base stations use hundreds of processor cores and with SLX even the most challenging system requirements can be met with its compiler technology and full heterogeneity awareness.

### Aerospace & Defense

Today's aircrafts are becoming increasingly intelligent with several data inputs from communication systems and on-board sensors being processed in real-time. SLX can deliver the implementation of these algorithms in a safety critical environment.

