smartFactory KL®

Home of Next Gen Factory Automation

We pave the way

JOIN OUR COMMUNITY!

www.smartfactory.de

WHAT WE OFFER:

SHAPING COLLABORATION
Community Platform & Project Forum

BUILDING KNOWLEDGE
Research Projects

EXPERIENCING TECHNOLOGY
Innovation & Model Factory

USING SOLUTIONS
Open Source Software Platform

EXPANDING SKILLS
SmartFactory Academy

ACHIEVING SUCCESS
Strategy Consulting & Implementation Support

Interested in professional training?
Visit our SF Academy!

20 YEARS OF BRIDGING THE GAP BETWEEN IT AND OT

A UNIQUE, MANUFACTURER-INDEPENDENT MODEL FACTORY

OUR MISSION:

As a community of experts, we are shaping the future of automation technology today – with practical, manufacturer-independent solutions designed to enhance digitalization capabilities and ensure the long-term sustainability of our production sites.

OUR STRENGTHS:

We combine proven industry expertise with innovative research to create solutions that deliver immediate results in real-world production environments. In this way, we provide our community of experts with a genuine competitive advantage.

>100 EXPERTS FROM RESEARCH & INDUSTRY

SOFTWARE DEFINED FACTORY IS A REALITY FOR US



SFKL COMMUNITY

The community platform is at the heart of our collaboration. Here, we bring together partners from industry and research to accelerate the translation of innovations into practical applications. Whether it's exchanging ideas, initiating projects, or jointly developing modules, our SmartFactory Community Exchange fosters transparency, promotes collaboration, and turns research findings into tangible applications. This creates a vibrant network that shares knowledge, facilitates new partnerships, and actively shapes Industry 4.0. We are the "Home of Next Gen Factory Automation."

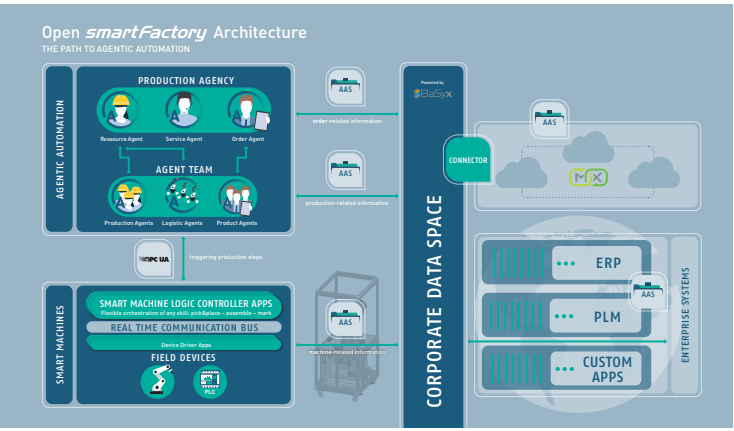
Want to help shape the future? Get in touch with us!



Contact:
Stephan Hamm
E-Mail: stephan.hamm@smartfactory.de
Tel: 0160 8404215

OPEN SMARTFACTORY ARCHITECTURE

With our Open SmartFactory Architecture, we demonstrate how OT and IT can be integrated in a standardized way and how data can be seamlessly linked throughout the entire system, from the shop floor all the way up to the digital infrastructure. This blueprint enables you to meet the growing demands of today's industrial production.



OpenSMI
SMART MACHINE INTERFACE

OpenSMI describes machines and their components using standardized, hierarchical OPC UA information models and makes their capabilities available as skills. It is based on OPC UA for Machinery, which we have extended with our own building components, most notably the skill model.

Technologie-Initiative SmartFactory KL e.V.
Trippstadter Straße 122
67663 Kaiserslautern

T +49 (0) 631 / 343 773 34
F +49 (0) 631 / 20575-3402
M info@smartfactory.de

The Technologie-Initiative SmartFactory KL e.V. (***SmartFactory***^{KL}) is a nonprofit association registered in the Kaiserslautern Register of Associations.

Association registration number: VR 2458 Kai
Tax ID Number: DE249965612

Board of Directors:
Prof. Dr. Martin Ruskowski (Chairman)
Andreas Huhmann, HARTING Stiftung & Co. KG
Wolfram Menser, Proalpha GmbH
Marco Wanner, Xitaso GmbH

Management:
Rüdiger Dabelow, DFKI GmbH

Image Source:
SmartFactory-KL

www.smartfactory.de