



Press release

Solectrix and Image Engineering begin a new strategic partnership



Solectrix and Image Engineering are pleased to announce a new strategic partnership beginning April 29, 2025. This partnership will focus on the latest version of Solectrix's SXIVE, a rapid imaging prototyping system, and Image Engineering's iQ-Analyzer-X, an advanced image quality analysis software.

SXIVE 2.0 introduces a new software package that combines a wide range of functionalities of the original solution with improvements to the SXIVE SoftISP SDK, the SXIVE Calibration SDK, and the SXIVE Sensor Configuration Tool. Version 2.0 also implements, for the first time, the iQ-Analyzer-X for advanced image quality analysis of images and videos.

SXIVE (Simplified eXtensive Image and Video Engine) is a comprehensive image prototyping solution for image processing and analysis requirements, including instant prototyping, development, and sensor and ISP evaluations. It also provides modular reference platforms, is test-drive ready, and is suitable for acceptance tests. SXIVE is a powerful solution that can be tailored to meet the requirements of any imaging project.

iQ-Analyzer-X is next-generation image quality analysis software for evaluating camera performance metrics in many areas defined by international standards. It combines high-speed analysis with AI-powered detection tools, a flexible UI, and automation features such as hot folders to create a powerful solution for image quality performance assessments.

"Combining the SXIVE system with the iQ-Analyzer-X provides users with a complete system to accelerate and improve the design and development of modern, state-of-the-art imaging systems. Capturing, processing, and validating in one system is a great step forward for the industry," says Uwe Artmann, CTO of Image Engineering.

Solectrix and Image Engineering look forward to a successful partnership that will bring their customers advanced and customizable image-processing solutions.

About Solectrix GmbH

Solectrix considers itself as an innovative, independent full-service provider in the field of embedded electronics. The company develops electronic components and software as well as complete devices and systems – conforming to standards, efficiently, and individually. This way Solectrix creates high-quality customer-specific solutions and off-the-shelf products that excel



through the harmonic interplay of functional hardware, perfectly matched firmware and modular software.

In 2024, the Solectrix Group (Solectrix GmbH and Solectrix Systems GmbH) merged with the ASSDEV Group (ASSDEV GmbH and AST-X GmbH). Together, they present high-end electronics solutions as a full-service partner.

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About Image Engineering GmbH & Co. KG

Founded in 1995, Image Engineering GmbH & Co. KG has been the leading manufacturer of image quality testing equipment worldwide. With an extensive range of test charts, analysis software, measurement, and illumination devices, Image Engineering provides prestigious imaging testing technology to diverse industries, including photography, mobile phones, automotive and ADAS systems, security, broadcast, machine vision, medical/endoscopy, scanners, and archiving. Our comprehensive suite of solutions is tailored to the needs of any organization relying on top-tier imaging requirements.

Since June 2021, Image Engineering has operated proudly as part of the Nynomic group.

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