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| **Press release** | **February 9, 2023** |
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Allied Vision releases next generation Software Development Kit Vimba X

New fully GenICam compliant SDK for Alvium cameras with new features and widgets

*Stadtroda, Germany, February 9, 2023* – Allied Vision has released a new version of its Software Development Kit Vimba. Vimba X stands for a new generation SDK. Now fully GenICam compliant, it has been updated to the newest standards and offers new innovative features and user-friendly widgets. Especially designed for full compatibility with the Alvium camera series it supports the full Alvium feature set. In addition, also new features are available:

* 5x5 Custom Convolution widget
* Viewer with new functionality
* Scheduled Action Commands support (soon available in Alvium Series)
* GenICam compliant Chunk Data and Events support (soon available in Alvium Series)
* New web-based documentation available offline and online (https://docs.alliedvision.com)
* Revamped C, C++, and Python API

Vimba X comes with a new updated Vimba Viewer helping users to intuitively configure the camera, save their settings and load them in their own application. Graphical widgets ensure a quick start and access to the latest camera features. The compatibility of Vimba X with various operating systems makes its use very flexible. It runs on Windows 10 and 11, Linux, and Linux ARM (all 64-bit).

The architecture of Vimba X not only allows easy use on its own but can also connect to third-party software (such as Mathworks Matlab, MVTec Halcon, Matrox Imaging Library, Stemmer Common Vision Blox, etc.). GenICam-based software automatically detects the camera through Transport layers. Vimba X supports the most popular programming languages (C, C++, and Python) and can control all camera interfaces with the same Application Programming Interface (API).  
Vimba X is available free of charge as download on Allied Vision’s website.

**Easy migration**For users wanting to migrate from Vimba to Vimba X the documentation contains a migration guide with useful tips. Moreover, Vimba X and Vimba can be installed on the same system to enable an easy migration.

Vimba X is mainly designed for the use with Alvium cameras. For all other Allied Vision camera series the use of Vimba 6 as the SDK of choice is still recommended.

**Allied Vision company profile**For more than 30 years, Allied Vision has been helping people to reach their imaging goals. Allied Vision supplies camera technology and image capture solutions for industrial inspection, medical and scientific imaging, traffic monitoring and many more application areas in digital imaging. With a deep understanding of customers’ needs, Allied Vision finds individual solutions for every application, a practice which has made Allied Vision one of the leading camera manufacturers worldwide in the machine vision market.

The company has nine locations in Germany, Canada, the United States, Singapore and China and is represented by a network of sales partners in over 30 countries. Allied Vision is member of the TKH Group.

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