

AlignPlus® 4.3.1

Release Note

2021 January 13

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About This Release

AlignPlus 4.3.1 mainly added a new localization function based on AlignPlus 4.3.0. This release works with VisionPro 9.6 SR2 and Cognex Designer 4.3.2

Supported Operating Systems

AlignPlus 4.3.1 supports development and deployment on single or multiprocessor machines using native languages (English, Japanese, German, Korean, and Simplified Chinese) on a variety of Windows 64-bit operating systems.

- Windows 10 and Windows 10 IoT Enterprise
- Windows 7 Premium, Professional and Ultimate (Service Pack 1)

Supported Visual Studio Environments For Plugins Development

Designer 4.3.2 and AlignPlus 4.3.1 support development and deploying using the following compilers that target the .NET Framework version 4.7.2:

- Microsoft Visual Studio 2015 (v. 14.0), Update 3
- Microsoft Visual Studio 2017 (v. 15.0)

Security Key Firmware

AlignPlus uses a USB security key attached to your computer to ensure the software is properly authorized for use. This release supports firmware version 4.30 for AlignPlus security keys.

If you are using a security key with a previous version of firmware, contact Cognex Support for assistance in upgrading to the latest version. Keep your security key firmware up to date to take advantage of the latest features and improvements to Cognex software security.

Security License

Security License should include the following part:

1. VisionPro License
2. Cognex Designer License
3. AlignPlus License

The needed VisionPro and Designer licenses are included with the AlignPlus Products.

New Features

1. Localization function using CSV file inputs
2. Documentation for the following functions:
 - Multi-Part Pickup
 - Inspection
 - One Time Calibration
 - Using Camera Center as Golden Pose
 - Independent Calibration Plate Configuration for different stations

Improved Features

1. Chinese Localization for AlignPlus GUI
2. Improved AOI Inspection configuration HMI
3. Jogging functions for manual alignment

Fixed Issues

1. False alarm of camera disconnection

