ibaCapture v5.2.0

New Features

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iba AG

Contents

1   General remarks

1.1   Supported Windows Operating Systems

For **Windows Server 2008 R2 (x64)** and **Windows 7 (x86/x64)** the Support period ended on Jan 14, 2020. Since then, Microsoft has not provided any security updates and ibaCapture v5.2.0 and higher no longer supports these two operating systems.

Windows Server 2012 (x64) is also no longer supported.

The following operating systems are currently supported:

- Windows 8.1 (x86/x64)
- Windows 10 (x86/x64)
- Windows 11 (x64)
- Windows Server 2012 R2 (x64)
- Windows Server 2016 (x64)
- Windows Server 2019 (x64)
- Windows Server 2022 (x64)

1.2   Dependency changes

- The ffdshow codecs are no longer installed together with ibaCapture. ibaCapture has been using LAVFilters as its default decoder since v4.3.3 and installed the ffdshow codecs only as a fallback option. **To continue using ffdshow, users will now have to install ffdshow manually. When updating from an earlier ibaCapture version (i.e., < v5.2.0), ffdshow will most likely already be installed.**

- Intel Quick Sync encoding now uses the Intel oneVPL 2022.1 library, instead of Intel Media SDK. This means that **Intel Quick Sync is no longer supported on 32-Bit systems and on systems running an OS older than Windows 10.**

1.3   Deprecated features

In a future version of ibaCapture, support for GigE cameras through the Matrox Imaging Library (MIL lite v10) will be dropped.
Starting with ibaCapture v5.2.0, warning messages about this will be shown if a camera is still configured using MIL lite v10.

To keep ibaCapture Server instances up-to-date in such cases, we recommend switching to Pleora eBUS as GigE-SDK to keep working with affected cameras. As there are different possible configurations to consider, please contact your local iba sales office to create an individual migration plan for each affected system.

1.4   Unsupported features

ibaCapture v5.2.0 no longer supports Cossilys server and ibaCapture Manager will not be able to connect to instances of ibaCapture-CAM v1/v2.

ibaCapture Server can still import Cossilys server configurations when upgrading and ibaAnalyzer (32-bit) is still able to replay exported Cossilys video files embedded in DAT files.

2   Installer and command line options

ibaCapture v5.2.0 uses a new installation framework. Due to this change, the previously known commandline options for the installer will no longer work.

To run a silent installation without a user interaction with the new installer the following command line switches must be used:

Switch	Function
/SILENT	Silent installation without user interaction (equivalent to pressing the button on every page without changes)
/COMPONENTS="$component1,$component2,(…)"	Allows to specify components to be installed in silent mode. Currently supported components are: *ibaCaptureManager* *ibaCaptureServer* *ibaCaptureEncoder* *ibaManagementStudioAgent* The ibaCapture Player is always installed and does not need to be specified. Example: /COMPONENTS="*ibaCaptureManager*, *ibaCaptureServer* "

3   Interaction permission in ibaPDA

Interaction permissions in the ibaPDA user management system now also apply to ibaCapture camera views.

When interaction permissions are disabled for a user, they will not be able to change any settings in the view or control zooming or panning of the camera. The camera view toolbar will be greyed out and not interactable.

4   Integration with ibaManagmentStudio

ibaManagmentStudio is a new iba product that provides a central overview of all iba systems on a company wide network. With v5.2.0, ibaCapture is now supported by ibaManagmentStudio. To make use of this, the ibaManagmentStudio Agent needs to be selected when installing ibaCapture.
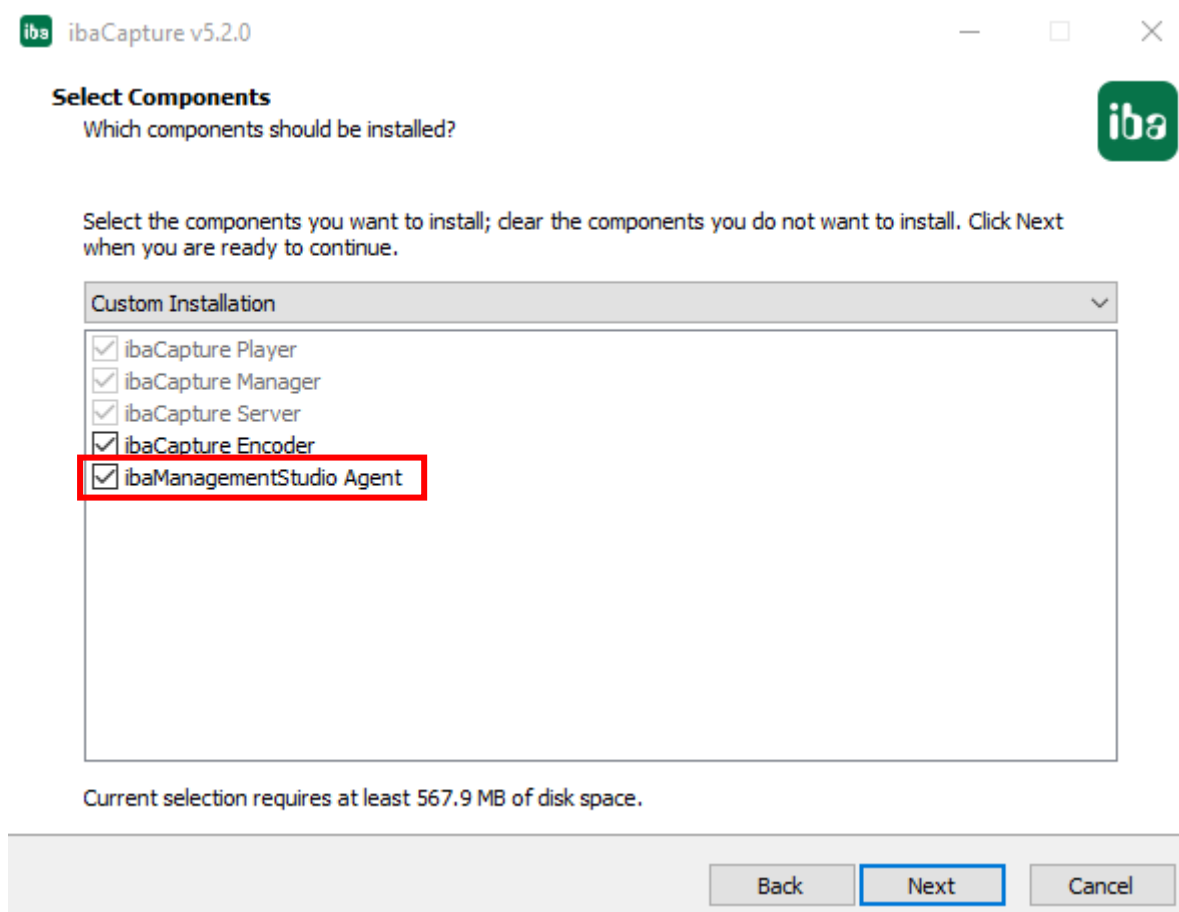
ibaManagmentStudio v1.1 supports the display of service status, license information, camera acquisition status and ibaCapture server connections of all ibaCapture servers on the network. For example:

5   Hiding cameras from ibaPDA via signal assigment

Cameras can now be made invisible to ibaPDA by assigning them a signal ID of 64 or higher. In ibaCapture Manager, signals in the assignment grid with IDs of 64 or higher have a red outline. In addition, a warning label is shown.
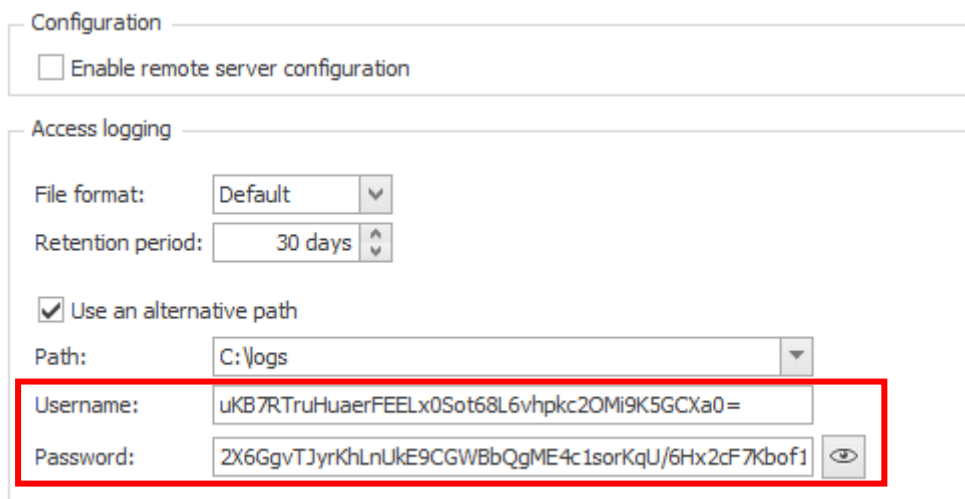
6   Encryption of saved credentials

To improve security, ibaCapture 5.2.0 now saves all credentials in an AES-256 encrypted form. This means that configurations created with ibaCapture 5.2.0 or newer are no longer fully backwards compatible with older versions.

NOTE: If attempted to load these new configurations with older ibaCapture versions, the usernames and passwords will be garbled and will need to be re-entered. Example:

Configuration
- [ ] Enable remote server configuration

Access logging

File format:	Default
Retention period:	30 days

[x] Use an alternative path

Path: C:\logs

Username: uKB7RTruHuaerFEELx0Sot68L6vhpkc2OMi9K5GCXa0=

Password: 2X6GgvTJyrKhLnUkE9CGWBbQgME4c1sorKqU/6Hx2cF7Kbof1