ERRMSG: BinaryFormatter serialization and deserialization are disabled within this application

CRITICAL NOTE:: ARTICLE APPLIES ONLY TO 11.5.0.6 and OLDER

DotImage Removed our hard dependency on BinaryFormatter in 11.5.0.7, thus making this article somewhat obsolete. If for some reason, you're still using an older version than 11.5.0.7, this may still apply, but the true fix is to upgrade to at least 11.5.0.7 (11.5.0.10 is the final 11.5 version, 2026.2 and up support .NET 10+).

NOTE that version 2026.2. dropped support for .NET 9 and under. If you're using .NET6-8, you'll need to stick with 11.5

(see FAQ: Support for ASP.NET Core / .NET Core / .NET 5 / 6 / 7 / 8 / 9 / 10+)

LEGACY ARTICLE (Applies only to 11.5.0.6 and older)

Error:

Some users in .NET 8 with locked down settings are getting the following exception:

BinaryFormatter serialization and deserialization are disabled within this application. See https://aka.ms/binaryformatter for more information.

stack trace:

```
t System.Runtime.Serialization.Formatters.Binary.BinaryFormatter.Deserialize(Stream
serializationStream) at Atalasoft.Licensing.AtalaLicenseContext.Deserialize(Stream o, String
cryptoKey, AtalaLicenseContext context) at
Atalasoft.Licensing.AtalaLicenseContext.GetSavedLicenseKey(Type type, Assembly
resourceAssembly) at Atalasoft.Licensing.AtalaLicenseProvider.xl2H2YtVq(String , Type ,
LicenseContext , String& , Boolean& , Boolean& , String& , Boolean , Boolean ) at
Atalasoft.Licensing.AtalaLicenseProvider.GetLicense(LicenseContext context, Type type, Object
instance, Boolean allowExceptions) at
System.ComponentModel.LicenseManager.ValidateInternalRecursive(LicenseContext context, Type
type, Object instance, Boolean allowExceptions, License& license, String& licenseKey) at
System.ComponentModel.LicenseManager.IsValid(Type type, Object instance, License& license) at
Atalasoft.Imaging.AtalaImage.ValidateLicense() at
Atalasoft.Licensing.AtalaLicenseHelpers.SetLicenseShared(Action validationMethod) at
Atalasoft.Imaging.AtalaImage.SetLicense() at Atalasoft.Imaging.AtalaImage..ctor() at
Atalasoft.Imaging.ImageSource..ctor() at Atalasoft.Imaging.RandomAccessImageSource..ctor() at
Atalasoft.Imaging.FileSystemImageSource..ctor(String path, String pattern, Boolean
doAllFrames) at Atalasoft.Imaging.FileSystemImageSource..ctor(String path, Boolean
```

ERRMSG: BinaryFormatter serialization and deserialization are disabled within this application

```
doAllFrames)
```

Fix:

If your application / environment disables BinaryFormatter for security reasons - it must be enabled or you won't be able to use DotImage

Also please ensure your CSPROJ/VBPROJ have

```
TargetFramework>net8.0-windows</TargetFramework> <UseWindowsForms>true</UseWindowsForms>
```

Last Update

2026-08-27 - TD

Atalasoft Knowledge Base
https://www.atalasoft.com/kb2/KB/50441/ERRMSG-BinaryFormatter-serialization...