How to Use the Confidential File Viewer

Jul. 1, 2025

Hitachi Solutions, Ltd.

1. Preface

This document describes how to use the Confidential File Viewer downloaded from the Hitachi Solutions site.

1.1 Overview of the Confidential File Viewer

Confidential File Viewer is an application for referencing HIBUN confidential files. A HIBUN confidential file is a file protected by a password. Decryptable HIBUN Confidential files are shown in the following table.

Table 1-1 HIBUN Confidential file types

File icon	File types	Extension	Protected content/features
	Decryptable HIBUN Confidential files	dea, aea#	Information included in this file type is highly secured. A password is needed for decryption.

HIBUN Confidential files created using HIBUN series and JP1/HIBUN series V10 or older.

1.2 Applicable products

Confidential File Viewer can reference files created with products shown in the table below.

Table 1-2 Applicable products

Applicable product	Applicable version	
	English version	Japanese version
HIBUN AE Information Cypher	08-01 or later version	07-50 or later version
HIBUN AE Optical Disc Encryption	none	09-00-/C or later version, or 09-10 or later version
HIBUN AE MailGuard	none	07-50 or later version
HIBUN AE Development Kit (Japanese name:Kaihatsu Kitto)	none	07-50 or later version
HIBUN File Encryption	none	07-51 or later version
HIBUN AE ContentsGate Base	none	10-00 or later version
HIBUN AE ContentsGate Development Kit (Japanese name:Kaihatsu Kitto)	none	10-00 or later version
HIBUN AE SmartDevice Extension	none	10-02 or later version
HIBUN AE SmartDevice Encryption for Windows	none	10-02 or later version
HIBUN Server Extension	none	10-00 or later version
ContentsGate Base	none	01-00 or later version
ContentsGate Development Kit (Japanese name:Kaihatsu Kitto)	none	01-03 or later version
Job Management Partner 1/HIBUN Advanced Edition Information Cypher	08-01 or later version	07-51 or later version
Job Management Partner 1/HIBUN Advanced Edition Optical Disc Encryption	none	09-00-/C or later version, or 09-10 or later version
Job Management Partner 1/HIBUN Advanced Edition MailGuard	none	07-51 or later version
Job Management Partner 1/HIBUN Advanced Edition Development Kit (Japanese name:Kaihatsu Kitto)	none	07-51 or later version
Job Management Partner 1/HIBUN Advanced Edition File Encryption	none	07-52 or later version
HIBUN Data Encryption	11-02 or later version	11-01 or later version
JP1/HIBUN Data Encryption	11-02-/A or later version	11-02-/A or later version

1.3 Execution environment of Viewer

Table 1-3 Execution environment of Viewer

Item	Description
OS#1	One of the following OSs must be installed. You can execute the program only in WOW64#2 mode if Windows is 64-bit Edition. • Windows 10 Pro • Windows 10 Pro for Workstations • Windows 10 Enterprise • Windows 10 IoT Enterprise • Windows 11 Pro • Windows 11 Pro for Workstations • Windows 11 Enterprise • Windows Server 2016 Standard#3 • Windows Server 2016 Datacenter#3 • Windows Server 2019 Standard#3 • Windows Server 2019 Datacenter#3 • Windows Server 2022 Standard#3 • Windows Server 2022 Datacenter#3 • Windows Server 2025 Standard#3 • Windows Server 2025 Datacenter#3
CPU	Conforms to the system requirements specified for each OS.
Memory	Conforms to the system requirements specified for each OS.
Hard Disk	File size of HIBUN confidential files x 3 + 50 MB or greater.

#1 Compatible with English version Windows environments with display language set to English.
#2 WOW64 mode is a Windows operating mode that emulates the 32 bit edition of Windows on the 64 bit edition of Windows.
#3 The Server Core configuration and the Nano Server configuration are not supported.

2. Executing Viewer

2.1 Installing the program

This section demonstrates how to install the Viewer needed to decrypt a HIBUN Confidential file. If the viewer is already installed, you can skip this step.

(1) Download the installer (hbnvinst.exe) corresponding to your OS from our website.
(2) Double click the installer to run it.

Notice

・For systems where UAC has been enabled in the OS settings, a user account control prompt might appear if you are not logged in as a built-in Administrator. You can start installation after self-elevating.

(3) Click the **Next** button on the installation screen to proceed.
(4) Click the **Install** button to start the installation. A shortcut to open HIBUN Confidential files will appear on the desktop.
(5) On the completion screen, click the **Finish** button to complete the installation.

Notice

If double clicking a HIBUN Confidential file does not start the Viewer, file association might not be configured correctly. Take the following steps to recover file association settings.

1. From the **Start** menu, select **Settings, Apps, Default apps** (depending on the OS version, or **Settings, System, Default apps**).
2. On the Default Apps screen, open **Choose default apps by file type** (depending on the OS version, **Choose defaults by file type**).
3. Check if the program settings match the settings below. If the entries under **Default app** are all set to **HIBUN**, file association is correctly configured. Otherwise, follow steps 4 to fix the problem.

Name	Default app	Description
.aea	HIBUN	
.dea	HIBUN	

4. Select an item whose **Default app** is not **HIBUN**, select **HIBUN** on the screen that appears, and apply the change to the **Default app**.

Notice

The Viewer does not support creating Windows images which use Sysprep's CopyProfile settings. Please install the Viewer for each user after applying the Windows image.

2.2 Starting Viewer

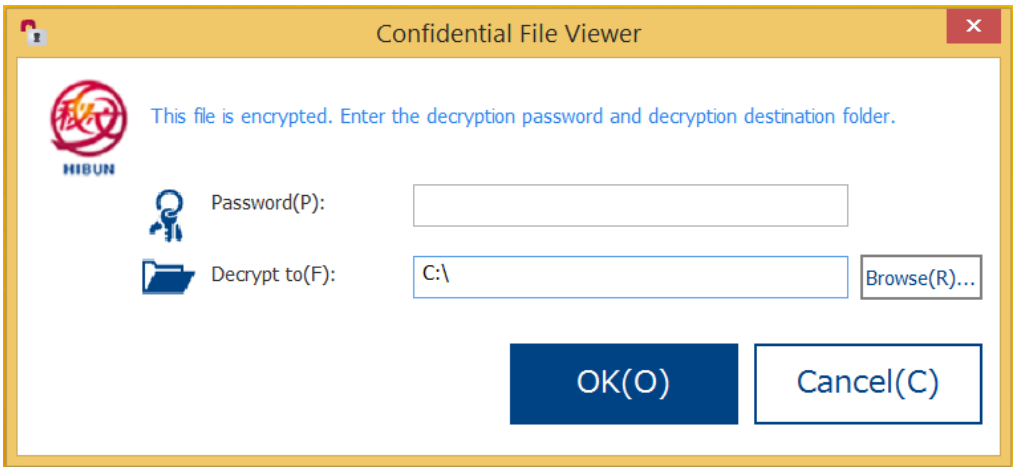
This section demonstrates how to start the Viewer. Double click Decryptable HIBUN Confidential files (.aea and .dea files) in the explorer to start the Viewer.

2.3 How to decrypt Decryptable HIBUN Confidential files

Follow the steps below to decrypt Decryptable HIBUN Confidential files using the Viewer.

(1) Enter the password and destination folder on the password confirmation screen.
(2) Click the **OK** button. If the password is successfully confirmed, the file will be extracted to the destination folder.

Figure 2-1 Decryption screen



- Password

  Enter the password needed to decrypt the Decryptable HIBUN Confidential file.

- Destination folder

  Specify the folder where the Confidential file should be extracted. The file's full path should be specified. Decryption cannot be completed if the full path length of files contained in the Confidential file exceeds 255 characters after extraction.

2.4 Uninstalling the program

(1) In Control Panel, select **Uninstall a program** or **Programs and Features** to display a list of installed programs.

(2) From the list, select **Confidential File Viewer**, and click **Uninstall**.
If **Confidential File Viewer** is not displayed, there is no need to conduct this process.

(3) Delete the following folder.

- Windows Server

  %ProgramFiles(x86)%#\HitachiSolutions\Hibun Data Protection

The ProgramFiles(x86) entry in Environment Variables is set to [*SystemDrive*:\Program Files] by default.

- Windows 10 and later

  %LocalAppData%#\Programs\HitachiSolutions\HIBUN Data Protection

  # The LocalAppData entry in Environment Variables is set to [*SystemDrive*:\Users*Windows logon user name*\AppData\Local] by default.

3. Contact Us

For the latest information regarding this product, please contact us as follows:
URL: https://www.hitachi-solutions.co.jp/inquiry/products/form/?id=hibun

4. Trademarks

The company and product names mentioned in this document may be the trademarks of their respective owners.

All Rights Reserved. Copyright (C) 2015, 2025, Hitachi Solutions, Ltd.