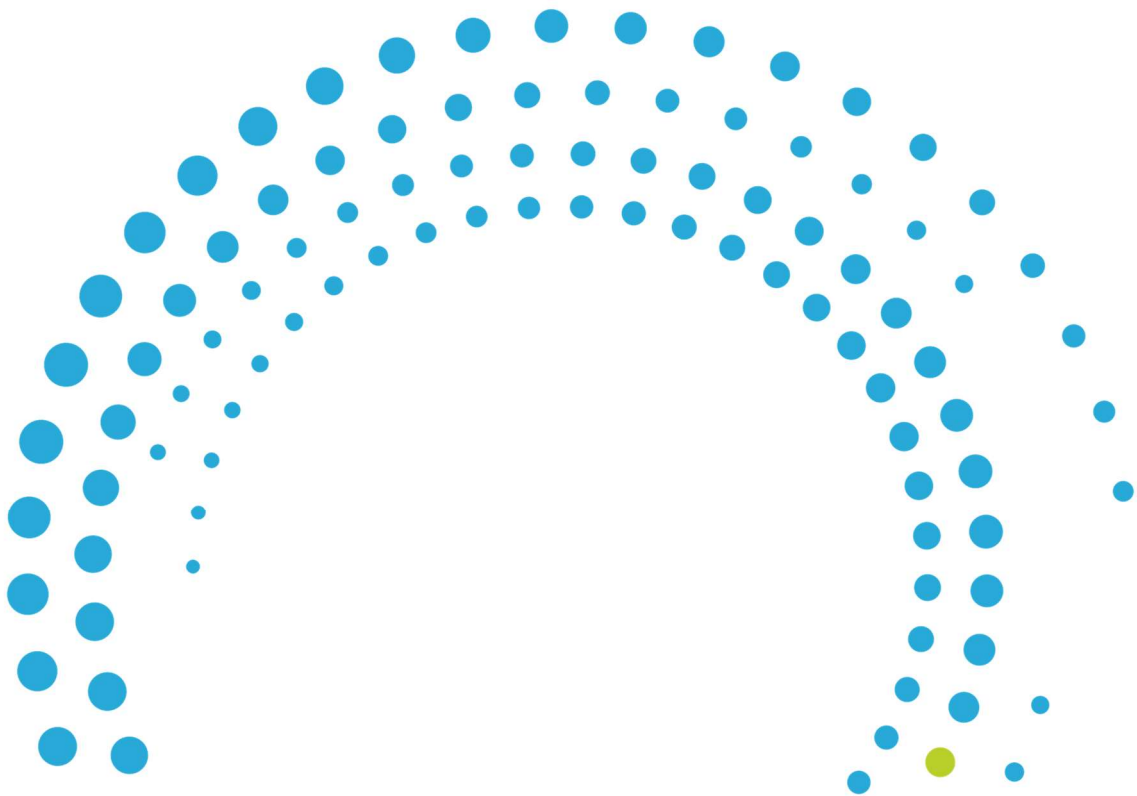


# Surveillance Bridge

## Release Notes

**Version:** 1.0

**Revision:** 2022



## I. Intro



Congratulations on your purchase of Tiger Technology's Surveillance Bridge. Surveillance Bridge leverages your VMS (Video Management System) with flexible disaster recovery capabilities and/or seamless extension of the recording storage and archive's capacity to an external storage tier. With this latest version we have added some exciting new features and made some small bug fixes to make your experience with the product even better.

## II. Key Features

### Disaster Recovery

When you enable disaster recovery, Surveillance Bridge copies all data and metadata from the recording storage/archive to the specified cloud, network share or local volume, starting with the newest files. The time for complete backup depends on the network characteristics and the connection speed to the disaster recovery storage target. You can keep track of the data backup progress in the Surveillance Bridge interface.

Surveillance Bridge disaster recovery is meant to provide a safety net in case of an unforeseen failure of a recording storage/archive or the recording server itself. Thus, it keeps backed up data on the disaster recovery storage for as long as you have specified in the configuration. When a recording storage/archive reaches its retention limit, the VMS starts deleting data and Surveillance Bridge then automatically deletes the counterpart from the disaster recovery storage, freeing space for new data.

In case of a failure of a recording server or its recording storage/archive, you can immediately begin recovering all backed up data and make it usable through the VMS again.

### Extension

You can expand the capacity of a recording server's storage with an immediate tier extension, from which data is retrieved as soon as the connection speed allows, or an archive tier extension, from which data is not retrieved immediately, but must first be rehydrated to an intermediate tier. Surveillance Bridge supports many cloud providers and tiers, updated list can be found on the website or per request

Space on the recording storage/archive is freed by moving recordings to the enabled extension. To determine when to move recordings from the recording storage/archive to the immediate tier extension, Surveillance Bridge utilizes either the "By size" or the "By age" criteria you configure. With the "By age" method, data is moved to the immediate tier extension when it has not been accessed for a specified time interval. With the "By size" criteria, Surveillance Bridge begins moving data when the used space on the recording storage/archive reaches a specified threshold, starting with the least recently accessed files. To determine when a recording should be moved from the immediate tier extension to the archive tier extension, if enabled, Surveillance Bridge utilizes the "By age" criteria i.e. moves files, which have not been accessed for a specified time period.

Once a file is moved to the immediate tier extension, Surveillance Bridge replaces it with a stub file. Stub files look and act exactly like the actual files they replace, but have almost no size and consume almost no capacity on your local storage/archive. Stub files pointing to actual files on the immediate tier

extension allow immediate and seamless retrieval when playing back and reviewing timeline video. Surveillance Bridge also allows you to manually move data between the local recording storage/archive and the standard and archive tier extensions.

As with disaster recovery, recordings are kept on the immediate/archive tier extension for as long as the retention limit of the extended recording storage/archive requires. Once the retention limit for a specific recording is reached, both the stub file and its counterpart on the extension are automatically deleted.

## **Plug-in**

The Standard Surveillance Bridge works with a big list of Video Management Systems. Complete list can be found on the webpage or received upon request as the list keeps growing.

For a few specific video management systems, we have a further integration of Surveillance Bridge into their VMSes in the form of a plug-in. For the initial release of Surveillance Bridge, the four systems we have a tight integration with are: XProtect by Milestone, MOBOTIX HUB by Mobotix, Siveillance by Siemens and Velocity Vision by Identiv. We will show some screenshots from our Milestone XProtect integration but we have something very similar with the other three VMSes.

To facilitate the work of Smart/Video Client users, the administrator of your surveillance system can enable or disable the integration of Surveillance Bridge. When enabled, each Smart/Video Client computer running the Surveillance Bridge plug-in sees an additional timeline visually displaying the original recording storage/archive, the immediate tier extension, or the archive tier extension as enabled by Surveillance Bridge.



## About These Release Notes

The Surveillance Bridge Release Notes list the newest added features, fixed and known issues in the latest version of the product. For more information on the different supported features, please check out the Surveillance Bridge Administration Guide.

Tiger Surveillance's web site has the latest product information for further information:

<https://www.tiger-surveillance.com/>

Contact a Tiger Surveillance Support representative if you need assistance:

[support@tiger-surveillance.com](mailto:support@tiger-surveillance.com)

