



# How to use FORscene Load – Linux

## Login

The FORscene Load-Linux application can be opened under the Forbidden TV menu at the bottom of your monitor. FORscene Load computers are now built with username and passwords attached so login should be automatic.

At the point of login, the application will run through the following stages, all of these are not usually visible due to the speed of login but will be useful for support should issues occur:

Stage of login	Problem if login stalls at this stage
Connecting to network	Issue with Linux box and its network connection
Connecting to forscene.net	Issue with the DNS
Connecting to server	Issue with the routing
Connected to server	Contact Forbidden Technologies for more support
Login failed	Incorrect username and/or password (case sensitive)

When the application has opened, you will be presented with a list of accounts that you can upload to. If the Linux computer has not been given access to a specific account, you can logout and re-login with an existing FORscene username and password.

Once an account has been selected, the folder list will be updated to display the list of top level folders available for uploading to.

The tabs available are explained below under the following headings:

- Tape
- File
- Watch Folder

## Tape

FORscene Load-Linux can capture tape-based content as DV via firewire or HD/SD-SDI via SDI.

### Source:

- Select 'Monitor' to view the feed being captured. To close the monitor window, select 'Unmonitor'.
- Choose PAL or NTSC for frame rate and select the resolution and aspect ratio from the drop-down.
- Choose from the options to capture Audio.

### Tape Control:

- For both DV and SDI capture, tape deck control is available

### Output:

- Select the type of upload required, either 'Full upload' (FTP push), which will upload all of the video to FORscene, or 'On demand upload' (Proxy), which will present all of the video in FORscene but will upload video frames upon request when the user accesses video in the FORscene user interface.
- Enter the Reel name (used in AAF/ALE/EDL/XML file transfers) and Clip name (which will be used as the file name in FORscene).
- Start playing the video before selecting 'Record' to start capturing source material and select 'Stop' when capturing is complete.



## File

To add files to the queue, select 'Browse' at the bottom of the queue to choose the files that you wish to add. Once you have browsed, you can either drag the file that you want to add onto the queue or select 'Open'.

The files will be added to the queue and below is an explanation of the columns and the information contained within them:

- **Status**

Status	Explanation
Ready	Waiting to 'Ingest' or 'Copy and ingest' as selected by the user
To copy	Preparing to copy file from source location to directory <i>/video</i> on the Linux hardware
Copy	Copying the original file to directory <i>/video</i> on the Linux hardware
To ingest	Preparing to compress and upload the file
Ingest	Compressing and uploading this file to FORscene
Done	File has been captured
Fail	File has not been recognised by the queue and has not been captured

*Note:* 'Copy' and 'To copy' will only occur if 'Copy and ingest' is selected at the bottom of the queue. Copy and ingest is used as part of a FORscene HD auto-conform workflow and will store the full quality files locally on the FORscene Load hardware.

- **Name** – This is the name of the file as it will appear in FORscene (editable field).
- **Size** – File size in original format.
- **Video** – Aspect ratio and format of the file that FORscene Load detects.
- **Audio** – Number of audio tracks detected to be uploaded
- **Duration** – Length of video.
- **Ingest** – Aspect ratio and format of the file will appear in FORscene. Selecting an entry will apply to all below that match the current 'Ingest' option. The options available are:
  - NTSC\_normal
  - NTSC\_wide
  - PAL\_normal
  - PAL\_wide
- **Folder** – The name of the folder that it will appear in when in FORscene (if you have selected a folder from the list at the top of the interface, the folder title in the queue will be created as a sub folder) (editable field).
- **Reelname** – This is the reel name used in AAF, EDL, ALE, XML file exports (editable field).
- **Upload** – This displays the type of upload that will be used (editable field). You can select from the following:
  - full
  - on demand
- **Fullpath** – This is the folder location where the file has been selected from.
- **Format** – This is the file format that FORscene Load assumes the original file is.

Once you have set all fields correctly, select 'Ingest' to start compressing the files and uploading them to FORscene. If you choose 'Copy and ingest' this will copy the files on to the local disk so that original source material can be used for FORscene HD auto-conform



*Queue restrictions:* Currently the FORscene queue will not allow items to be moved and prioritised. Files are prioritised at the point they are added.

## Watch Folder

FORscene Load-Linux now supports watch folder set-up running automated scans, it will capture, compress and upload files to a selected account.

**Set-up** a watch folder, select 'Browse' to find the folder directory or select 'New' to manually type in the directory.

Note: The watch folder will look inside folders at an infinite depth to check files, however it will only add files to the queue that are located one folder level below the folder selected.

The information below describes the columns found in the watch folder:

- **Account** – Account that files will be uploaded to (editable field).
- **Folder** – Folder that files will be uploaded to (editable field). You can also select the option:
  - byreel (uploads clips into folders grouped by reel number as found related to the file)
- **How** – This is how the files should be handled by FORscene Load-Linux, the available options are:
  - ready – Files will be added to the queue but the user will need to select 'Ingest' or 'Copy and ingest' before uploading occurs
  - to ingest – Files will be added to the queue and ingested automatically
  - to copy – Files will be added to the queue, copied onto the local disk and ingested automatically
- **Ingest** – Force upload of material to be a set frame rate or aspect ratio based on the contents of a watch folder. Note – This is useful for Avid MXF content that typically will record a 4:3 aspect ratio. The available options are:
  - default
  - Normal
  - Wide
  - PAL
  - NTSC
  - PAL\_Normal
  - PAL\_Wide
  - NTSC\_Normal
  - NTSC\_Wide
- **Filter in** – Only add files that match a specific type. Default of '\*' will add all files, to add an exception, mark as '\*.xml\*'.
- **Filter out** – Ignore files that match a specific type. Default is blank and will ignore no files, to add an exception, mark as '\*.tmp\*'.
- **Max depth** – Number of levels within a directory that the watch folder will scan (editable field).
- **Path** – This is the file path set up as a watch folder (editable field, can be typed in or selected through 'Browse').
- **When** – Last time that the watch folder was checked (default every minute, currently non editable).
- **Queue items** – Displays a summary of the folder and their status with the queue.
- **Files** – Summary of what has been found in the folder, the descriptions are explained below:



Status	Explanation
Accepted	These files have just been added to the queue
Changing	Files have just appeared in the folder or are getting longer, they will re-assessed during the next scan
Incomplete	Folder has received part of a multiple clip file, e.g. MXF
Bad	Doesn't understand format
Ready	Haven't looked at file but will do at the next scan
Gone	Was in folder but no longer there
Removed	File has been removed from the queue

Note: If a file is marked as 'Accepted' and added to the file list, then removed, it will always be remembered as 'Accepted' and will not be re-added to the queue.

The 'Forget' button will delete a watch folders history of which files have been uploaded and which files have been added to the file queue. The next time the watch folder is scanned it will be treated as new and will add all contents to the file queue.

If you have questions, please email [support@forbidden.co.uk](mailto:support@forbidden.co.uk)