

Frequently Asked Questions about



Is O C E A N new in the industry?

O C E A N has been developed for the past 18 month and is in production for about a year. It is used for film transfers in prestigious archives institutions like Cinecitta Istituto Luce, the Swiss Army or Cité de Mémoire, in post-houses like The Refinery or in the broadcasting industry (Helenic Radio & Television). The company exists since 2009 but the team has been in the industry for more than 10 years working for other companies.

What are the telecines supported?

To date, supported Telecines are:

- Cintel Millennium HD, DSX / C-Reality and Ursa
- DFT Spirit data-cine and Shadow telecine
- Sondor Altra HD telecine

Can O C E A N control VTRs?

Yes, O C E A N telecine controller can also control up to 4 different VTR to record the transfer.

Can O C E A N control the ImageMill1?

Cintel's denoiser ImageMill1 GRACE and STEADY controls are fully accessible directly from within the user interface in O C E A N.

Are all features linear based and not require any rendering?

In O C E A N, real time is achieved by ingesting the SDI signal, passing the image to the Nvidia board for processing and directly outputting it on the Nvidia SDI Out. O C E A N can render if needed (data-cine workflow), but since the result is immediately available on the SDI out of the Nvidia, one can further ingest the signal with a VTR or any classic SDI input capable machine.

How does O C E A N manage lin/log transfers?

O C E A N can be used in various workflows: film to tape, film to data, tape to tape, tape to data. The project manager allows the operator to set the parameters for logarithmic or linear transfers.

Can I use O C E A N for dailies?

YES, O C E A N Telecine Controller is the ideal tool when working with film dailies, with its capabilities of outputting the video stream not only to tape but also rendering it directly in QuickTime, with TimeCode and EdgeCode overlays burnt in the image.

Does O C E A N have digital Pan & Scan?

YES, O C E A N performs zoom, pan & scan and full 360° rotation on the fly in real time. Every Pan & Scan parameter can be animated in the timeline.

Does O C E A N can save DPX?

Yes, O C E A N works in real-time on the SDI signal output from the telecine, and can further render to files in DPX, MXF, or DNxHD formats.

Does O C E A N support the RP188 standard and embedded audio?

O C E A N system include the latest generation of Nvidia boards, that support RP188 (embedded TimeCode), embedded audio and more generally speaking VANC/HANC. All these features can be also embedded in the SDI out signal.

Does O C E A N support HSDL?

Yes O C E A N can display 2K HSDL streams on the HD-SDI output (with optional LUTs in single and dual link). O C E A N has also embedded digital scopes for image analysis.

Can O C E A N convert directly to Avid MXF?

Yes, O C E A N can capture the SDI color corrected steam as MXF. See O C E A N options list for details on the available MXF encoded formats.

Does O C E A N have metadata logging for ALE/AAF file generation?

O C E A N can export ALE files and some metadata can be obtained from the SDI embedded information. Other metadata can be manually typed in O C E A N's user interface before the actual ALE export.

AAF export is not possible at the moment, but that shall be available by the end of Q2 2011.

Can O C E A N apply 3D LUTs to the telecine image?

O C E A N supports 1D and 3D LUTs. Two different LUTs can be used, one for the SDI output and another for the system's monitor. Supported look-up-table formats are ARRI...

Does O C E A N has its own storage solution?

O C E A N can be connected to any SAN system or have its own local attached storage. FC host bus adaptors and controller cards are available in option.

Is it possible to slave O C E A N to a sound device for synchronized audio and video playback?

For now, O C E A N can only act as a Master. Our other product called M I S T, a Virtual Telecine, is capable of being connected as a Slave via Sony 9pin RS422 protocol for these operations.

How does O C E A N manage video synchronization?

In order to synchronise a video stream, O C E A N requires 2 video sync signals: a SDI/Composite SMPTE standard Genlock (Bi/Tri level) for the Input board, and another one for the Output board.

What KeyCode readers are supported?

O C E A N supports Aaton KeyLink and Evertz KeyCode readers.

Is it possible to ingest 16mm 4/3 film with an internal process in HD 4:4:4 10-bit, to imageMill in HD, outputted to a SD Digital Betacam, all in real-time?

O C E A N allows you to transfer SD/HD material to SD devices.

The workflow is pretty simple:

1. set the Telecine on the desired HD standard
2. set the ImageMill on the desired HD standard (ideally should be the same as the output of the telecine)
3. in O C E A N set the output to SD
4. perform an automatic resize of per shot pan&scan if necessary.

Can I buy only the OCEAN software license?

O C E A N is a turn-key solution only, so it is not possible to buy a software license. O C E A N's aim is to be connected on different devices, and therefore it needs to sustain high data rate DMA transfers, to receive manufacturers OEM special drivers for ancillary data and HSDL support, to handle analog signals, or to perfectly remote control various devices through RS422, RS232 or Ethernet connections. The provided turn-key solution has been intensively tested to face all those requirements. For the same reasons, we also provide connecting cables between the telecines and the controller.

Can I run M I S T on my O C E A N Turn-key solution?

Yes, both M I S T and R A I N can be easily installed in O C E A N and **deep**O C E A N, allowing you to work offline on data files.

Can O C E A N perform telecine tranfers to MXF directly?

Yes, O C E A N can transfer the video signal from the supported telecine directly to MXF via the MXF option. MXF being a container format, please contact us for further information on our MXF option and available codecs.

Where can I find the User Guide?

For all our products we have the User Manual, the Control Panels Guides, the Installation Guides, and lots of other information available from the section DOC on our FTP. You are given the access together with your license or demo license.

For any additional information please contact us: contact@marquise-tech.com or download O C E A N brochure from our website www.marquise-tech.com



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