



TRAINING

**OPERATORS PRONEWS**  
INFRASTRUCTURE  
PACKAGE 16.3

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## TABLE OF CONTENTS

<b>1. INTRODUCTION.....</b>	<b>2</b>
<b>2. NEW FEATURES IN XSQUARE 3.15 &amp; 3.16.....</b>	<b>2</b>
2.1. New 1080p & 4k ingest to AVID capabilities	2
2.2. Closed Caption	2
2.3. Audio ingest from XDCAM HD	3
2.4. Compatibility	3
<b>3. SOFTWARE DOWNLOADS AND MANUALS .....</b>	<b>3</b>

## 1. INTRODUCTION

The latest improvements to Xsquare / XTAccess mean there is now enhanced functionality for interoperability with Avid products. XDCAM files and MPEG-DASH streams can now include up to 32 channels of audio. The MPEG-DASH format also includes preservation of close captioning data.

## 2. NEW FEATURES IN XSQUARE 3.15 & 3.16



### 2.1. NEW 1080P & 4K INGEST TO AVID CAPABILITIES

1080p ingest from XT/XS servers to Avid (bitdepth 8 or 10 bits) is now available (from version 3.15) using DNxHD (in MXF OP1A or OP-Atom wrappers) and XAVC-I (Class 100) codecs.

From version 3.16 onwards, 4K content can also be ingested to Avid, using XAVC-I (Class-300) on MXF OP-Atom. ANC and metadata are preserved.



The use of *High Dynamic Range (HDR)* and *Wide Color Gamut (WCG)* functionalities is now interoperable with Avid Interplay and Media Composer. This dynamic range and color space setting information is included in the OP-Atom metadata.

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### 2.2. CLOSED CAPTION

Closed caption information is now preserved in MPEG-DASH proxy files, using a sidecar file (WebVTT format). The source must use the OP47 format. (v.3.15)



## **2.3. AUDIO INGEST FROM XDCAM HD**

Back-up and restore from/to XT servers of XDCAM HD clips (1080i@50) can now be carried out with 32 audio channels, in MXF OP1A wrapper. These 32 channels are included in the MPEG-DASH flow as well (v.3.15).

## **2.4. COMPATIBILITY**

XTAccess v.3.15 is compatible with Avid Interplay 2018.9 & 2018.11, MediaComposer 2018.9 & 2018.12. Version 3.16 is compatible with Interplay 2019.9 and MediaComposer 2019.9, Adobe Premiere 14.0, Final Cut Pro 7.03.

The compatibility between XTAccess 3.16 and other EVS products includes Multicam versions 14.02 up to 16.03, and IPDirector versions 6.70 up to 7.80.

## **3. SOFTWARE DOWNLOADS AND MANUALS**

Please refer to the [Support Page of the EVS Website](#) and the Download area for manuals, release notes and software packages to download.

If you don't already have an EVS login, you'll be invited to create a personal EVS account, to help ensure that you're kept up to date with only the most relevant information and updates. This will also allow you to download all the information you need, completely free of charge.