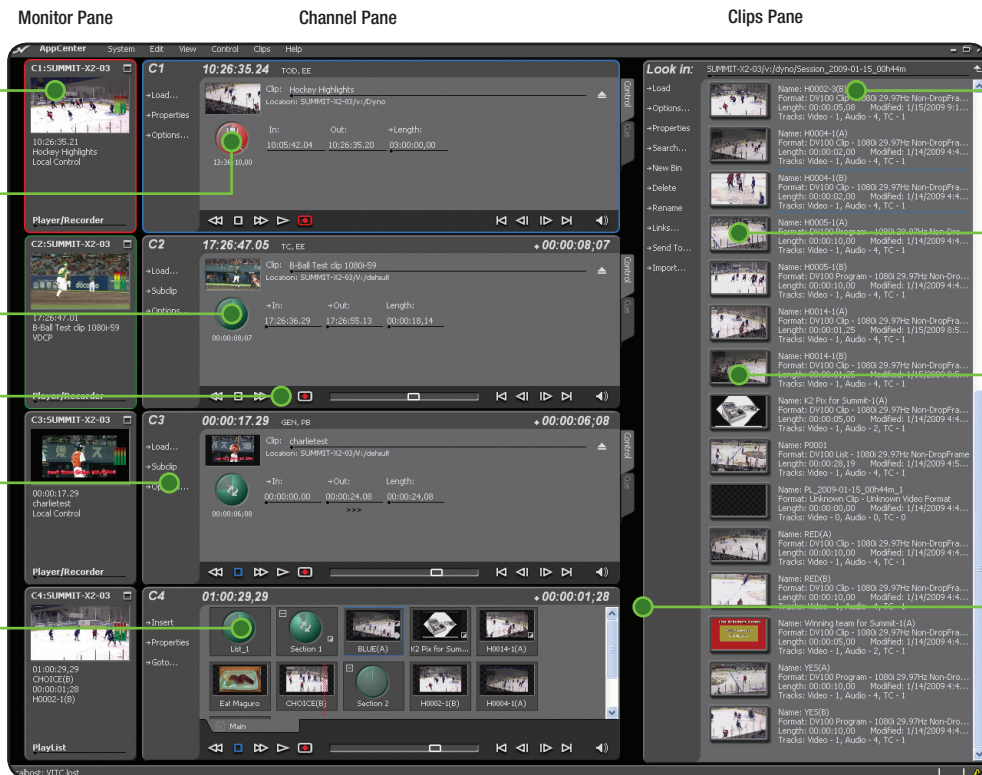


FEATURING
CHANNELFLEX™

Introduction

AppCenter from Grass Valley, a Belden Brand, is the standard control application on the K2 Summit platform and K2 Solo clients and provides a single interface for tasks such as channel control, configuration, clip management, media transfers, channel monitoring, and system monitoring. It's been designed around the concept of plug-ins, which enables additional features to be added over time (K2 Time-Delay, for example). AppCenter Pro is an enhanced version of AppCenter that adds many new features. AppCenter can be easily upgraded to AppCenter Pro via a software license.

AppCenter Elite has all the same features as AppCenter Pro but includes ChannelFlex for K2 Summit platform and K2 Solo servers. ChannelFlex increases the number of video streams each server channel can handle. For example, in Multicam mode, a 4-channel K2 Summit 3G can record up to six camera feeds and have one channel for playback.



COMPARISON GUIDE K2 APPCENTER, APPCENTER PRO & APPCENTER ELITE FEATURES

Category	Feature	AppCenter v7.x	AppCenter Pro v7.x	AppCenter Elite v7.x	AppCenter v8.1	AppCenter Pro v8.1	AppCenter Elite v8.1	Notes
Record	Crash Record	○	○	○	○	○	○	Auto naming of clips
	Continuous Record	○	○	○	○	○	○	Minimum = 6 minutes Maximum = 24 hours
	Fixed-Length Recording	○	○	○	○	○	○	
	Scheduled Record	○	○	○	○	○	○	
	Channel Ganging		○	○		○	○	Gang channels for simultaneous record
	Preview Record	○	○	○	○	○	○	Play clip on available play channel
	Insert Cue Points	○	○	○	○	○	○	
	Striping Timecode	○	○	○	○	○	○	
	Auto Naming of Clips	○	○	○	○	○	○	
Play	Play	○	○	○	○	○	○	
	Scheduled Play	○	○	○	○	○	○	
	Channel Ganging		○	○		○	○	Gang channels for simultaneous playback
	Mix Effects		○	○		○	○	Dissolves or fade to matte, timing and color definable
	Instant Replay		○	○		○	○	Provides quick record to play times under ½ second
	Jump to Timecode	○	○	○	○	○	○	
	Set/Jump to Cue Points	○	○	○	○	○	○	
	Loop Play	○	○	○	○	○	○	
	Variable-Speed Play	○	○	○	○	○	○	.25, .50, .75, or user-definable
	Jog	○	○	○	○	○	○	-1x to +1x or -1x to +3x
	Shuttle	○	○	○	○	○	○	-16x to +16x or -32x to +32x
Editing	Edit & Trim Clips	○	○	○	○	○	○	
	Generate Subclips	○	○	○	○	○	○	Auto naming option
	Erase Unused Media	○	○	○	○	○	○	Delete any unreferenced media to free up disk space
	Audio Track Insert		○	○		○	○	Add audio tracks from an inserted file
	CC Track Insert		○	○		○	○	Add/merge/replace captions
	P2 Import		○			○	○	Import with HotBins
Playlist	Playlists	○	○	○	○	○	○	
	Playlist Import		○	○		○	○	Generate list offline and import to K2
	Save Playlist as a Program	○	○	○	○	○	○	Program is a read-only clip for playback or transfer

COMPARISON GUIDE K2 APPCENTER, APPCENTER PRO & APPCENTER ELITE FEATURES

Category	Feature	AppCenter v7.x	AppCenter Pro v7.x	AppCenter Elite v7.x	AppCenter v8.1	AppCenter Pro v8.1	AppCenter Elite v8.1	Notes
Playlist	Mixed Compression Play	○	○	○	○	○	○	Any valid K2 file can be put in playlist
	Mixed Aspect Ratio Play	○	○	○	○	○	○	Each clip can have different aspect ratios
	Countdown Display	○	○	○	○	○	○	Display time to next event
	Insert Clips	○	○	○	○	○	○	Drag & drop clips from clips pane into playlist
	Edit List While Playing	○	○	○	○	○	○	Clips can be rearranged during playback
	Loop List, Sections, Event	○	○	○	○	○	○	
	Repeat Sections & Events	○	○	○	○	○	○	
	Pause List, Sections, Events	○	○	○	○	○	○	
	GPI Input Triggers	○	○	○	○	○	○	Trigger immediate
	GPI Output Triggers	○	○	○	○	○	○	Trigger immediate
	GPI Output on SOM, EOM Immediate or with Offset		○	○		○	○	SOM=Start of Material + x sec EOM=End of Material - x sec
	GPI Output on Channel State		○	○		○	○	States = idle, cued-for-play, playing, cued-for-record & rec
	Cuts-Only Transitions	○	○	○	○	○	○	
	Default Mix Effects – Lists, Sections, Events		○	○		○	○	Dissolves or fade to matte, timing and color definable
Assignable Mix Effects		○	○		○	○	4 definable events	
Audio	Audio Track Mapping		○	○		○	○	Tags can be added to tracks
	Scrub Audio	○	○	○	○	○	○	
	Audio Meters	○	○	○	○	○	○	
	Adjust Audio Levels	○	○	○	○	○	○	
ChannelFlex	Multicam Mode			○			○	Record 2 cameras on one channel
	3D & Video+Key Record Mode			○			○	Record left/right eye or Video+Key streams into one asset on one channel
	3D & Video+Key Play Mode			○			○	Play left/right eye or Video+Key streams on one channel
	Super SloMo Mode			○			○	Record 2 or 3 phases of a Super SloMo camera into one asset on one channel
Control/Display	Remote Operation	○	○	○	○	○	○	Control K2 from network
	Simultaneous Local & Remote Control	○	○	○	○	○	○	Option for dual control
	Assignable Buttons	○	○	○	○	○	○	Change function of buttons

COMPARISON GUIDE K2 APPCENTER, APPCENTER PRO & APPCENTER ELITE FEATURES

Category	Feature	AppCenter v7.x	AppCenter Pro v7.x	AppCenter Elite v7.x	AppCenter v8.1	AppCenter Pro v8.1	AppCenter Elite v8.1	Notes
Control/Display	Channel Suites	○	○	○	○	○	○	Logical grouping of channels in display
	Thumbnail Display	○		○				Defaults to frame 12
	Change Thumbnail Display	○		○				Change from default frame
	Monitor Out with Overlays		○	○		○	○	User-defined overlay for monitor output
	Live Video Display in Status Window		○	○		○	○	Replaces thumbnails with video in monitor pane
	Multiviewer Mode	○	○	○	○	○	○	Displays all 4 channels on VGA
	“Live” Mode (Chase Play)		○	○		○	○	Instant Replay Mode
Tools/App	Configuration Manager	○	○	○	○	○	○	Config system settings
	Transfer Monitor	○	○	○	○	○	○	Monitor file import/export
	TimeDelay Application	○	○	○	○	○	○	Separately installed application
	Online Help	○	○	○	○	○	○	Complete on-line help
	Proxy Encoding – 4 Channels						○	
	Proxy Encoding – 8 Channels						○	
Media Management	Rename Clips	○	○	○	○	○	○	
	Search	○	○	○	○	○	○	
	Copy	○	○	○	○	○	○	Copy does not duplicate media
	Drag & Drop	○	○	○	○	○	○	Move clip to play channel or bin
	Security Permissions – Bins	○	○	○	○	○	○	User/group permissions
	Clip Security	○	○	○	○	○	○	Read only, lock, user perm
	Create Bins	○	○	○	○	○	○	
	Identify Links	○	○	○	○	○	○	List clips linked to an asset
	Erase Unused Media	○	○	○	○	○	○	Delete unreferenced media with 1 second handles before/after marks, including subclips
Recycle Bin	○	○	○	○	○	○	Option to bypass recycle bin	

For more details on using AppCenter refer to the K2 AppCenter User Interface Manual – #8623112-xx – available at www.grassvalley.com/products/servers/k2.

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