

PRODUCT SPOTLIGHT

High Performance, Shared Storage for Production & Playout

Using K2 Central TX shared storage across live production and play-to-air

As a media organization, you will often need to create, as well as play out content. Yet, when considering storage solutions for discrete playout you are faced with limited options:

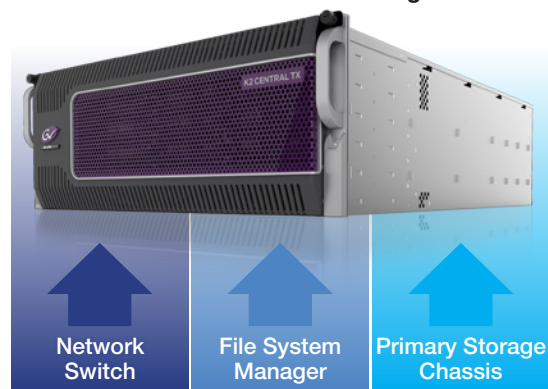
- If cost is the main consideration, you can use the non-shareable, non-expandable storage in the playout server. If you want to share that storage, or perhaps expand it at a later date, then you have to build a SAN, which can be complex to install, manage and maintain.
- If your channel requirements are small and you know that they will remain the same, with no need to grow, then you are typically left with the option of purchasing a system that is too large for your operation.

Now there is a new option. K2 Central TX. This new, high performance shared storage solution from Grass Valley, a Belden brand, maximizes your return on investment by keeping all your storage options flexible, from production to playout.

K2 Central TX's unique ability to bridge these two environments means that you can mix formats, frame-accurately, on the fly. It also means that you can accept content from all leading NLEs, including our own EDIUS editor, which can be directly attached to the K2 Central shared storage unit.

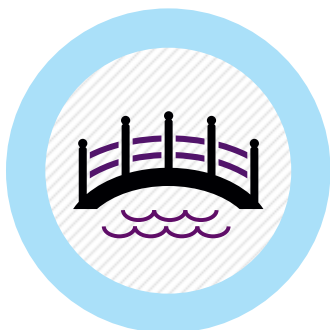
Now the media you need, whenever you need it, is readily available in one centralized storage location, with the ability to backup your media using traditional backup tools.

What's in K2 Central TX Shared Storage



Key Features at a Glance

- Simple to install and configure
- Available in three usable storage capacities - 20 TB, 40 TB and 60 TB
- Small footprint takes up less rack space and consumes less power
- Large storage capabilities:
 - K2 Central TX: more than 800 hours at 100 Mb/s
 - K2 Summit 3G Transmission Client: up to 156 hours at 100 Mb/s v



**BRIDGE
PRODUCTION
AND
PLAYOUT**



**PLUG AND PLAY
MIGRATION
FROM LEGACY SERVERS
AND PLAYOUT**



**AFFORDABLE
SHARED STORAGE
FOR EDIUS
AND OTHER NLES**

K2 Central TX is all about simplicity and performance. It is available in three storage configurations - 20 TB, 40 TB and 60 TB - to which you can attach up to five 4-channel K2 Summit 3G Transmission Clients, delivering your choice of up to or up to 16 simultaneous 50 Mb/s video channels, both simultaneous 100 Mb/s HD video channels with 2 Gb/s of real-time video bandwidth.

And because K2 Central TX combines the network switch, the file system manager and the primary storage chassis all in one compact, pre-configured 4RU unit, it is a truly plug-and-play, broadcast-grade appliance. That means you save time and money on commissioning and installation, AND you still get the superior performance and proven reliability for which Grass Valley is renowned.

Installing K2 Central TX into legacy play-to-air storage and server systems could not be easier, because it is supported by all major automation providers (including Pebble Beach Systems, Crispin, Florical Systems and Aveco) and third-party storage products (NetApp and Isilon). This means you can accomplish your switchover with minimal disruption to operations.

K2 Central TX. Plug and play performance to give you total flexibility.

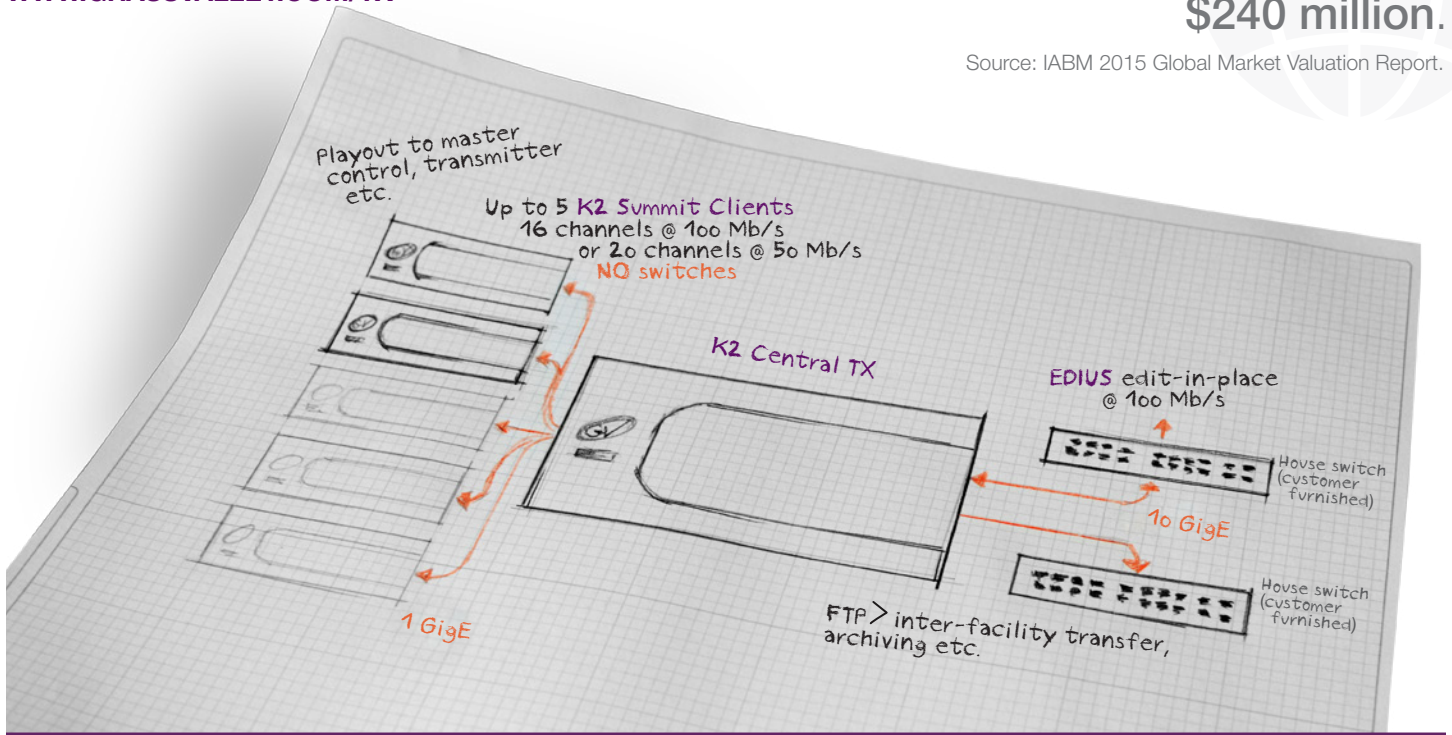
WWW.GRASSVALLEY.COM/TX

K2 Client-Channel/EDIUS Configuration Guide

No. K2 Clients	No. K2 Channels	No. EDIUS Seats
4/5	16 (100 Mb/s) / 20 (50 Mb/s)	2
4	16 (100 Mb/s)	3
3	12 (100 Mb/s)	4
2	8 (100 Mb/s)	5
1	4 (100 Mb/s)	6
0	0	7

The worldwide market for discrete playout servers in 2014 was **\$240 million.**

Source: IABM 2015 Global Market Valuation Report.



100 Mb/s
BITRATE

UP TO

16*

CHANNELS

*OR UP TO 20 CHANNELS AT 50 MB/S

MORE THAN

800 HOURS



GVB-1-0125B-EN-PS

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