DF36

DF72

DF576

DF288

DF144

Brief Introduction:

Phinx, AVCiT Fiber KVM Collaboration System is distributed, modular and scalable architecture dedicated for control room, which can be configured as a KVM matrix, KVM Switch, KVM extender, even video wall controller(by adding an optional modular VW card). Benefit from its high Stability & Full Redundancy, pixel perfect image quality and up to 4ms latency, PHINX is your reliable solution to meet the mission critical and growing needs of clients from industries of transportation, energy, aviation.

Phinx has a flexible architecture, including KVM host chassis, Modular SFP card(12 channel), and the KVM TX (transmitter) Node and KVM RX (receiver node).
KVM host chassis includes DF36, DF72, DF144, DF288 and DF576, with different capability to plug a numbers of Modular SFP cards, i.e. DF36 could install maximally 3 Modular SFP cards, each with 12pcs SFP port; Any single SFP port could be automatically configured to be IN or OUT, depending on its connected KVM node is TX node or RX node.

AVCiT®

USB   DVI   Fiber   HDMI
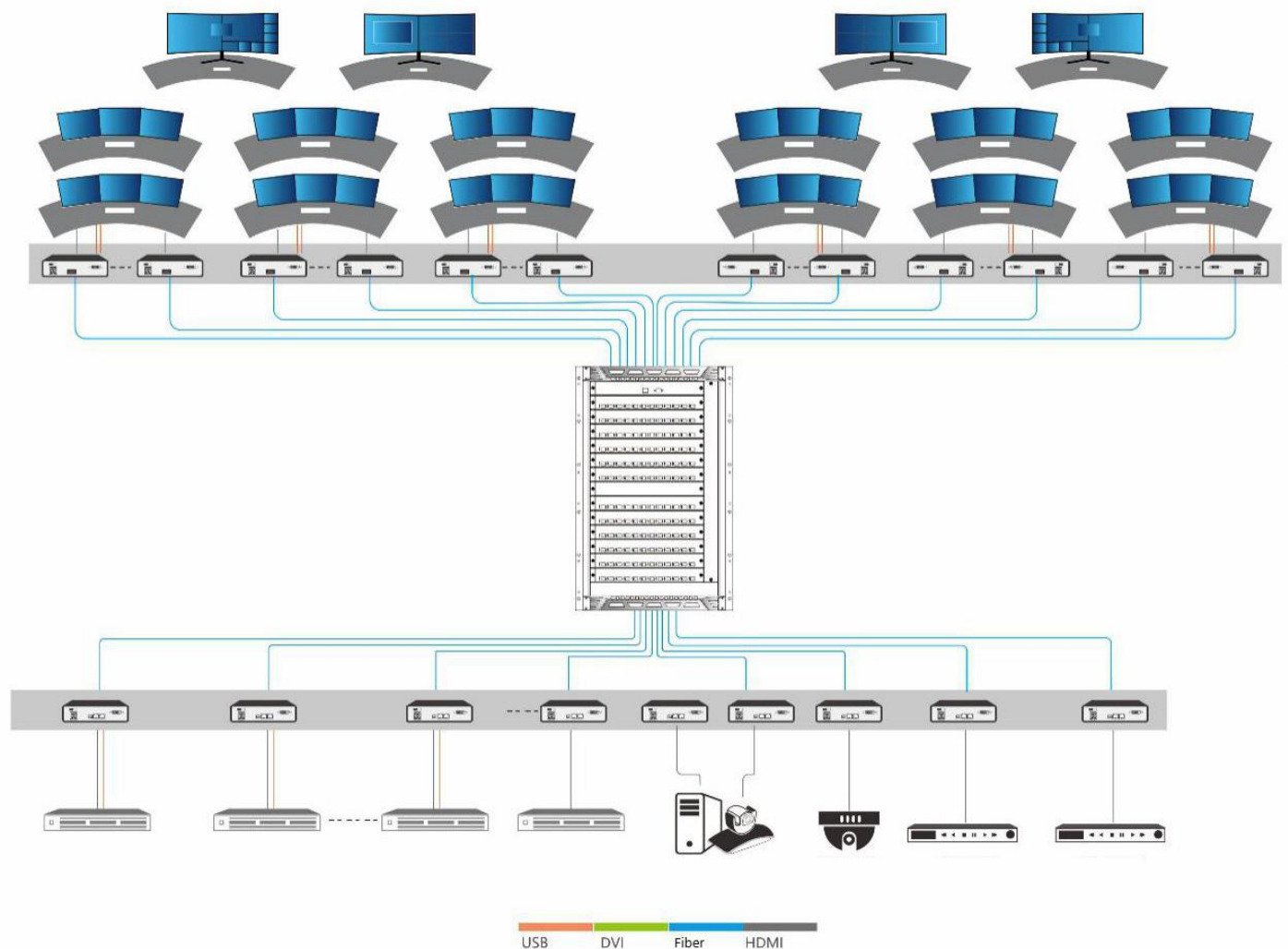
Highlights & Benefits:

✓ Decentralized, flexible and scalable architecture, without single point of failure.

✓ Follow Me technologies, operator could restore all his permission at any workspace.

✓ Full redundancy with traumatically switching between active and standby channel.

✓ Perfect image quality and great user experience.

✓ Optional Built-in video wall control feature by a video wall control modules.

Features of Smart KVM Matrix

✓ Source/Server/Workstations can be separated from Operator workspace and stored in data center, where they are air conditioned, safe and easy to maintain.

✓ PCs installed in data center could be accessed remotely by any monitor connected KVM Decoder if the operator is with PC access permission.

✓ Operator is able to access and control multiple Workstations on multiple monitors by single set of keyboard & mouse, just moving mouse cursor to switch and control between PCs intuitively from one monitor to another.

✓ Operator can switch monitor's source by keyboard hot-key on source-listed OSD interface, multiple operator has simultaneous access to same source.

✓ Each source PC could be configured access permission for different users, administrator could create supervisors and configure permission, each supervisor could create more users and configure existing permission.

✓ Operator can freely login at any workspace to get all his permission PC and monitor layout setting

✓ Intuitive & user-friendly OSD (on screen display) Interface with customized hot key to get access or push source.

✓ Able to view device status, including online, offline, whether source is detected by TX node etc.

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- ✓ Video Collaboration by PUSH: source/computer is allowed to push from one monitor to another or video wall by hot key.
- ✓ PC/Workstation with multiple head output can be accessed on corresponding monitors at same time by one hot-key, and operator can control each head output by one keyboard & mouse.
- ✓ PC with different OS could be compatible and managed in same KVM system, including Windows, Linux, Unix, MacOS, Red hat, Panshi, Kirin etc.
- ✓ Collaboration by Voice Call: operators can make internal voice call with each other from different Workspace console for better collaboration if they're in different floor control room or far away.

Specification

Chassis of PHINX Host					
Height	6U	10U	17U	20U	NA
Max Modular SFP cards	3	6	12	24	48
Max Ports	36	72	144	288	576
Protocol	Ethernet, RS232				
PSU	Redundant PSU				

Models of KVM TX/RX	Picture	VIDEO IN	VIDEO OUT	USB	RS232 RS485	IR/IO	AUDIO	SFP	PSU
DF-H-2TX 2 Channel 4K HDMI KVM Transmitter, with redundancy		HDMI x2	--	2	2+2	4	2 IN	4	2
DF-DVI-2TX 2 Channel 4K DVI KVM Transmitter, with redundancy		DVI x2	--						
DF-HH-2TX 2 Channel 4K HDMI KVM Transmitter with loop port		HDMI x2	HDMI Loop x2						
DF-DD-2TX 2 Channel 4K DVI KVM Transmitter with loop port		DVI x2	DVI Loop x2						
DF-H-2RX 2 Channel 4K HDMI KVM Receiver, with redundancy		--	HDMI x2				2 MIC		
DF-DVI-2RX 2 Channel 4K DVI KVM Receiver, with redundancy		--	DVI x2						