

## VEMS Network Video Recorder v5.4

### Enterprise-Class Rich Media Delivery Solutions

VBrick delivers leading Enterprise IP Video solutions. The VBrick Enterprise Media System (VEMS) Portal Server enables organizations to record two simultaneous video streams from anywhere in their organization. With the functionality of the VBrick Network Video Recorder (NVR), you can increase your recording capabilities with your organization. An integrated component of the VEMS product family, NVRs are easily administered through your Portal Server, and new Network Video Recorders can be added at any time enabling your system to scale with your needs.



#### Product at a Glance

- Software only or software and hardware combinations
- 10 or 40 NVR recording streams, leveraging your IP network infrastructure
- Multiformat video support

#### COMPATIBILITY

- Records H.264, Windows Media, MPEG-1, MPEG-2, and MPEG-4 video streams
- VBrick Appliances and IP Receivers

#### INTEROPERABILITY

- VEMS Portal Server and Scheduler, version 5.x only
- VEMS IP Receiver, Set Top Boxes
- VEMS VOD-W, VOD-WM Video On-Demand Servers, Distributed Media Engine (DME)
- VBrick Appliances



#### Capabilities

The VBrick Network Video Recorder provides the capability to record an unlimited number of simultaneous streams through the use of multiple Network Video Recorder units, these can be scheduled or record anytime. The VEMS systems ship with 2 simultaneous stream capability, expansion offers provide up to 10 or 40 simultaneous streams housed on separate servers. The Network Video Recorder provides an essential capability to any Enterprise IPTV solution.

**Multiple Simultaneous Recordings** Enables 10 or 40 simultaneous streams per unit

**Format Independence** Records H.264, Windows Media®, MPEG-1, MPEG-2, and MPEG-4 formatted video streams

**Dedicated Server Platform** Designed and validated to assure a flawless recording experience, these units eliminate resource contention issues

**Redundancy** Configured with dual power supplies, and offer RAID 1 OS Redundancy and RAID 5 storage redundancy

**Application Flexibility** Designed to be easily integrated into the VEMS architecture; they also can be deployed as standalone recording units enabling applications such as continuous news archiving

#### Benefits

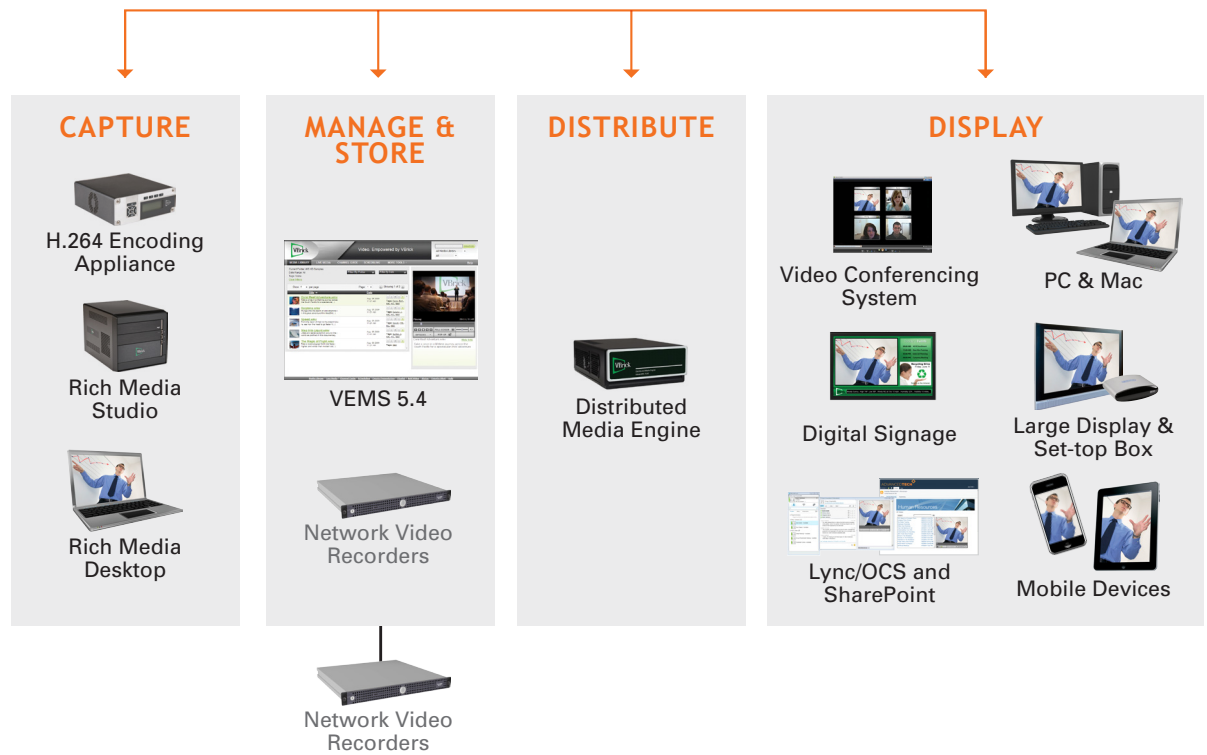
**Ease-of-Use** Through the tight integration with VEMS, NVRs are easily administered and recordings are easily scheduled.

**Scalable resource** The NVR enables up to 40 simultaneous recordings on a single platform, and any number of NVR's can be added and managed to a single VEMS Portal Server

**Reliable, integrated, automated workflow** Fully integrated into the VEMS solution, the NVR assures that recordings take place without additional workflow requests



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## Specifications

	NVR 10	NVR 40
Simultaneous Rec.	10	40*
**OS Drives	OS and storage together	2 x 73 GB (RAID 1)
Storage	4 x 73 GB (RAID 5)	2 x 146 GB (RAID 1)
Chassis	Up to 6 - 2.5" HDs	Up to 6 - 2.5" HDs
External	Serial-attach SCSI 2." Hot Plug HD	Serial-attach SCSI 2." Hot Plug HD
CPU	Single Xeon Processor at 2.13 GHz	2 x Dual Xeon Processors at 2.8 GHz
Memory	2GB	4GB
Chassis	2RU	2RU
Network	GB Ethernet NICS with TOE	GB Ethernet NICS with TOE
Windows Server OS	2008 Web Edition	2008 Web Edition
RAID	RAID 5 for PERC 6/I Controller	RAID 1 / RAID 1 for PERC 6/I or SAS/iR Controller
DVD	DVD ROM, SATA, internal	DVD ROM, SATA, internal
Power Supplies	Energy Smart, redundant	Energy Smart, redundant

\* MPEG-2 and H.264 at default VBrick encoder rates. Higher rates may support less simultaneous records.

\*\*Unformatted Capacity

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