

## Performance Series IP NVRs

### Cloud-Hosted Video

Now, Performance Series IP NVR's are integrated with MAXPRO® Cloud.

MAXPRO Cloud is fully integrated access, video and intrusion Security as a Service platform. Ideal for small to medium businesses MAXPRO Cloud makes single or multi-site building security simple and scalable. Users can manage their security system from anywhere at any time via any standard web browser or our innovative award-winning app.

Remote configuration and management of sites, devices, schedules and users reduces operational costs and streamlines efficiencies across multi-site installations.

Our cloud-ready range of ENVRs makes installation easy with plug and play connectivity, auto registration of cameras and cloud-based configuration, reducing your creation costs and installation time.

- Cloud-hosted, scalable, expandable, efficient—no servers or software required
- Secure, HTTPS login and 256 bit encryption, high availability data centers
- Integrated access control and video with plug and play device connection
- Pre-configure accounts, sites, schedules and people, saving installation time at site
- Configure and manage sites, devices, schedules and users across multiple sites from the cloud
- Designed for small to medium, single or multi-site businesses
- Device firmware can be pushed from the cloud without having to roll a truck
- Easily grow and scale with your customers needs



Retail



Property Management



Franchises



Commercial Offices



Professional Services



Remote Facilities



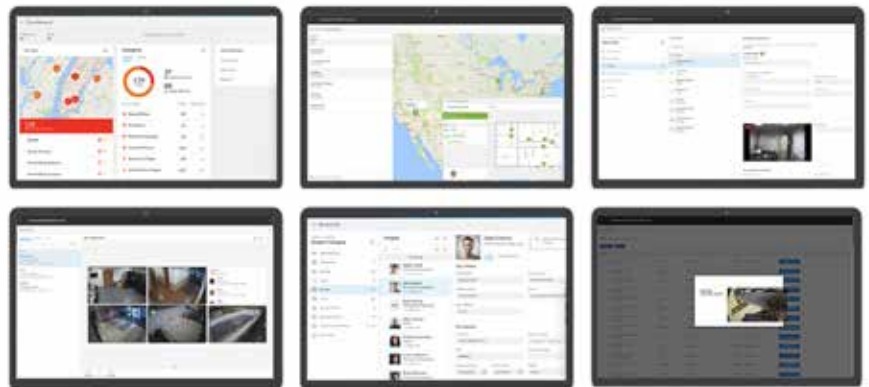
# Performance Series IP NVRs

## SYSTEM BENEFITS

- Secure cloud-based managed video
- Plug and play cloud-ready ENVRs 4, 8, 16 Ch
- Multi-site video deployments made easy with cloud-based configuration and management
- Multi-site video from anywhere via standard web browser
- Multi-site management via app for iOS and Android™
- Local and cloud-based video storage at your fingertips
- Automated and scheduled reporting
- Easy-to-install and cost-effective
- Fully scalable architecture with distributed deployment
- Manage user credentials across large scale deployments
- Remote configuration reduces truck rolls
- Remote firmware updates
- Map-based configuration and management
- Real-time notifications with event clips
- Health and status of cameras and devices across all customer locations

### Intuitive User Interface

- Customizable Dashboards
- Google Maps
- Dynamic Floor Plans
- Live Control
- Multi-site Video, Access & Intrusion
- Integrated Multi-site Viewer
- Multi-site User Access Management
- Live Alarms & Event Monitoring



### Powerful Mobile App

- Dashboard View, Health, Status & Events
- Multi-location Site Management Access, Video & Intrusion
- Arm & Disarm Site
- Lock & Unlock Doors
- User Access Management
- Multi-site Integrated Viewer
- Video Playback of Events
- Alarms and Real-Time Notifications

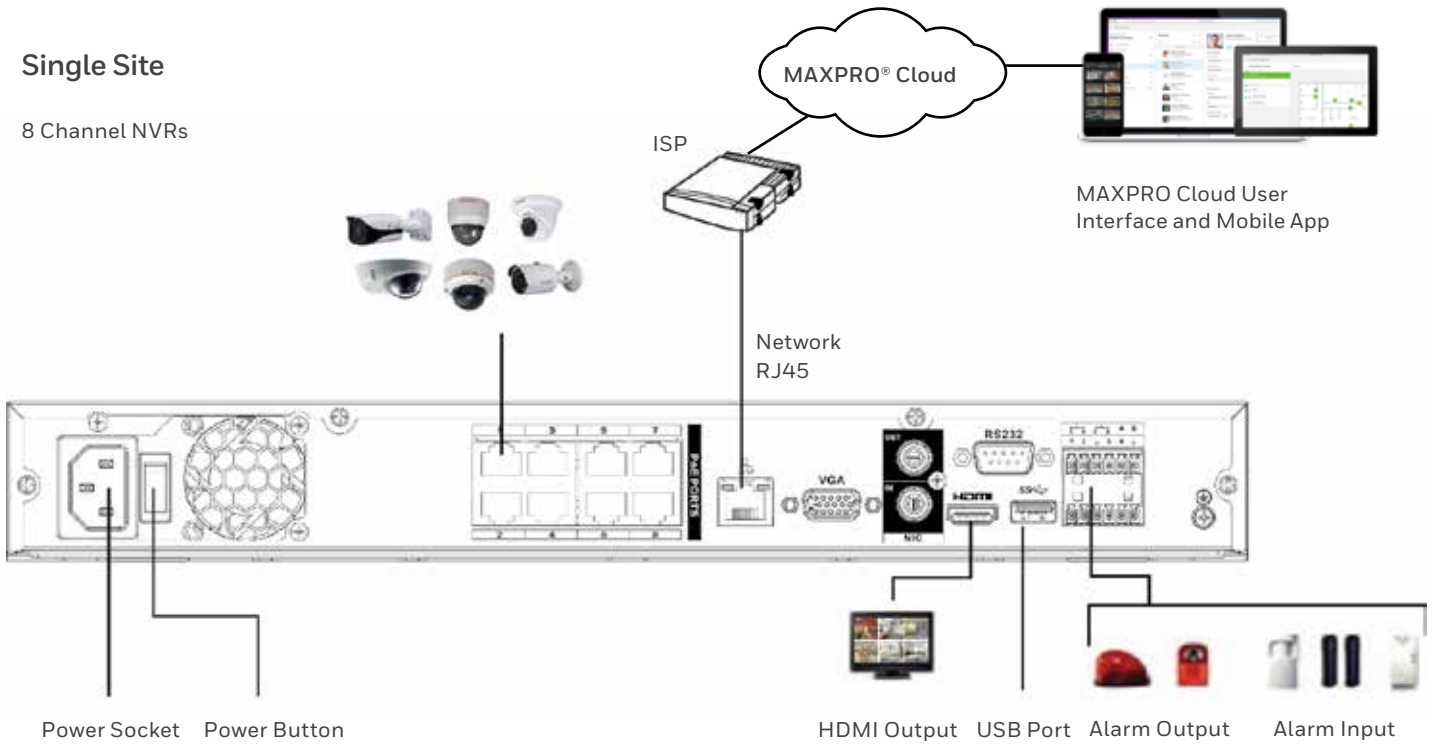


# Performance Series IP NVRs

## MAXPRO® CLOUD SYSTEM OVERVIEW

### Single Site

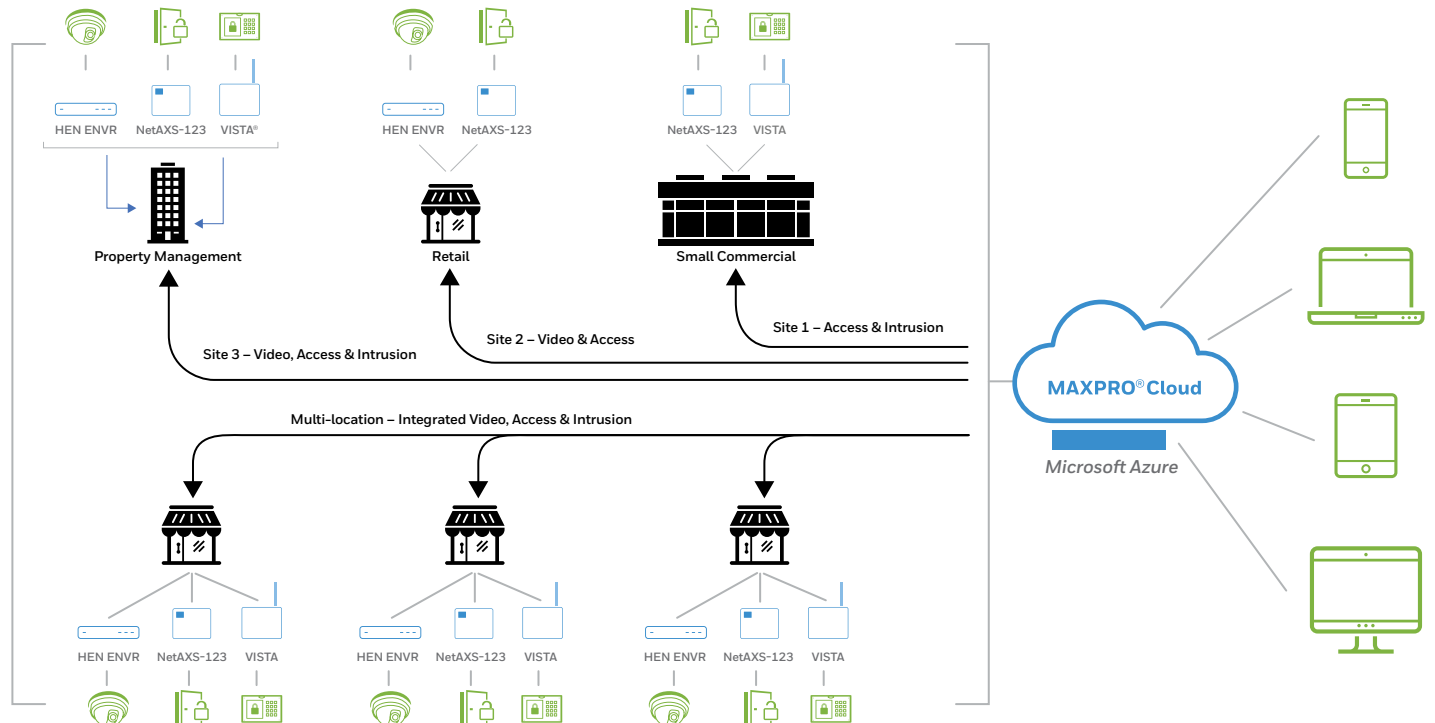
8 Channel NVRs



### Multi-site Integrated Access, Video and Intrusion

Cloud-Ready, Plug & Play, Flexible & Scalable

Accessible Anytime, Anywhere



# Performance Series IP NVRs

## QUICK REFERENCE GUIDE



ORDERING	ENVR
HEN04112	H.264 4 CH NVR, 1080p, 120 fps, 1 TB, 4 PoE, NTSC/PAL
HEN04122	H.264 4 CH NVR, 1080p, 120 fps, 2 TB, 4 PoE, NTSC/PAL
HEN08112	H.264 8 CH NVR, 1080p, 240 fps, 1 TB, 8 PoE, NTSC/PAL
HEN08122	H.264 8 CH NVR, 1080p, 240 fps, 2 TB, 8 PoE, NTSC/PAL
HEN08142	H.264 8 CH NVR, 1080p, 240 fps, 4 TB, 8 PoE, NTSC/PAL
HEN16122	H.264 16 CH NVR, 1080p, 480 fps, 2 TB, 16 PoE, NTSC/PAL
HEN16142	H.264 16 CH NVR, 1080p, 480 fps, 4 TB, 16 PoE, NTSC/PAL
HEN16162	H.264 16 CH NVR, 1080p, 480 fps, 6 TB, 16 PoE, NTSC/PAL
BUNDLES — ENVR AND CAMERAS	
HEN04112BB	H.264 4 CH NVR, 1080p, 1 TB, and 4 pcs 3MP IR Bullet, NTSC/PAL
HEN04122BB	H.264 4 CH NVR, 1080p, 2 TB, and 4 pcs 3MP IR Bullet, NTSC/PAL
HEN04112EB	H.264 4 CH NVR, 1080p, 1 TB, and 4 pcs 3MP IR Ball, NTSC/PAL
HEN04122EB	H.264 4 CH NVR, 1080p, 2 TB, and 4 pcs 3MP IR Ball, NTSC/PAL

RECOMMENDED CAMERAS	INDOOR	RUGGED INDOOR/OUTDOOR	
	equip	Performance	equip
3" DOME	H3W2GR1, H3W2GR2, H3W4GR1		
4" DOME		H4W4PRV3, H4W4PER3, H4W4PER2	H4L2GR1, H4W2GR1, H4W2GR2, H4W4GR1
BULLET		HBW2PR2, HBD2PER1, HBW4PER1, HBW4PER2	HBW2GR1, HBW2GR3, HBL2GR1, HBW4GR1
BALL/MICRO		HEW2PR1, HEW4PR3, HEW2PR2, HEW4PR2, H2W2PRV3, H2W4PRV3, HED2PER3, HEW4PER3	
BOX	HCW2G, HCL2G, HCW4G*		

\* Can be outdoor with recommended housings

RECOMMENDED CABLE		
5e	6330	CAT5e, 4 Pair, UTP, 24 AWG
6	6360	CAT6, 4 Pair, UTP, 23 AWG

RECOMMENDED ACCESSORIES	
HEN48VPS4CH	48 V DC for 4 CH ENVR Power Adapter
HEN48VPS816CH	48 V DC for 8 CH and 16 CH ENVR Power Adapter
HENHQA12VPS	12 V DC, 5A for ENVR and HQA DVR Power Adapter
HENHQATRAY	Rack Mount Tray for ENVR and HQA DVR

### SYSTEM INTEGRATION

#### OPEN IP INTEGRATION

ONVIF support and open API software integration. Refer to [www.onvif.org](http://www.onvif.org) for the ONVIF specification and the Honeywell Open Technology Alliance website (<http://www.security.honeywell.com/hota/>) to learn more about our open and integrated solutions



#### 3RD PARTY INTEGRATION

I-View Now Video Alarm Verification.



# Performance Series IP NVRs

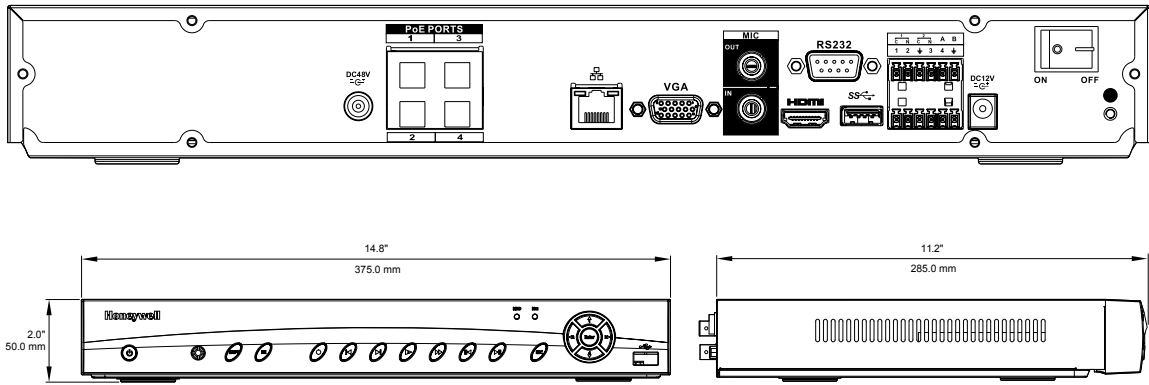
## MAXPRO® CLOUD TECHNICAL SPECIFICATIONS

<b>SYSTEM</b>		<b>VIDEO SEARCH, PLAYBACK, CLIP EXPORT</b>	
MAIN PROCESSOR	Dual-core embedded processor	VIDEO SEARCH	VMD, Input Trigger, Rule Trigger, User Trigger
OPERATING SYSTEM	Embedded LINUX	EVENT SEARCH	Playback from Alarms
<b>VIDEO</b>		PLAYBACK FUNCTION	Play, Pause, Jump Forward or Reverse
IP CAMERA INPUTS	4/8/16 channels	CLIP EXPORT	Onsite, Offsite
<b>WEB CLIENT SYSTEM</b>		<b>SITE CONFIGURATION</b>	
BROWSERS	Chrome, Safari, IE 9 and above	<b>CUSTOMER/ACCOUNT</b>	
OPERATING SYSTEMS	Windows, MAC	SITE OR GROUP	
MOBILE	IOS, Android	MULTIPLE DEVICE	(Video/Access, under same site)
SECURITY	HTTPS Login, User based privilege	PEOPLE	(Users with different access level)
<b>LIVE VIEW</b>		<b>LOCATION ON MAP</b>	
SECONDARY STREAM	H.264 Live Video	<b>TIME ZONE</b>	
STREAMING	RTMP, Image Streaming	<b>FIRMWARE PUSH TO DEVICE</b>	
RESOLUTIONS	5MP, 4MP, 3MP, 1080p, 720p, D1, CIF	<b>FLOOR MAP</b>	
FRAME RATE	Up to 30FPS	<b>REBOOT DEVICE</b>	
NUMBER OF LIVE SESSION	Unlimited	<b>UPDATE DEVICE PASSWORD</b>	
SALVO VIEW	1/4/6/8 (Configurable)	<b>SYNC DEVICE</b>	
SITES IN SALVOS	Multi-site	<b>CAMERA CONFIGURATION</b>	
<b>ON-SITE RECORDING</b>		<b>RECORDING PRE-EVENT, POST-EVENT</b>	
PRIMARY STREAM	H.264 Recorded Video	<b>ADD DISCOVERED NETWORK CAMERAS</b>	
RESOLUTIONS	5MP, 4MP, 3MP, 1080p, 720p, D1, CIF	RESOLUTION, FPS	(Primary and Secondary Streams)
FRAME RATE	Up to 30FPS	RECORDING SCHEDULE	(Continuous and Event)
RECORDING MODE	VMD, Input Trigger, Rule Trigger, User Trigger, Schedule recording (24*7)	<b>ALARM RULES</b>	
RECORDING DURATION	Pre-event + Event duration + Post-event	<b>I/O CONFIGURATION</b>	
PRE-EVENT	1-30 seconds	<b>STORAGE INFO/FORMAT</b>	
POST-EVENT	10-300 seconds	VMD CONFIGURATION	Enable VMD and Region from ENVR Local View
ON-SITE PLAYBACK SESSION	6 active sessions per NVR	OFFLINE CONFIGURATION DOWNLOAD	Not yet supported
<b>OFF-SITE RECORDING</b>		<b>EVENTS</b>	
PRIMARY STREAM	H.264 video push	VMD, ALARM INPUT TRIGGER, RULE-BASED TRIGGER	
STREAMING	RTMP, Image Streaming	<b>ALARM NOTIFICATIONS</b>	
RESOLUTIONS	Up to 1080p	EMAIL WITH CLIP ATTACHMENT UPON ALARM	
FRAME RATE	Up to 30FPS	<b>PUSH NOTIFICATION TO MOBILE DEVICES</b>	
RECORDING MODE	VMD, Input Trigger, Rule Trigger, User Trigger	<b>LOCAL DISPLAY</b>	
EVENT RECORDING DURATION	Pre-event + Event duration + Post-event	DISPLAY SPLIT CONFIGURABLE	
PRE-EVENT	1-30 seconds	1, 4, 8, 9, 16 CHANNEL DISPLAY	
POST-EVENT	10-300 seconds	INTERFACE 1 HDMI; 1VGA	
CLOUD STORAGE (DAYS)	7, 30, 60, 90, 180, 365, FIFO	<b>REGULATORY</b>	
MAX NO OF STREAMING CLIENTS	Unlimited	EMISSIONS	FCC Part 15G, CE EN55022
		IMMUNITY	CE EN50130-4
		SAFETY	EU: EN60950-1 North America UL Listed to UL/CSA 60950-1

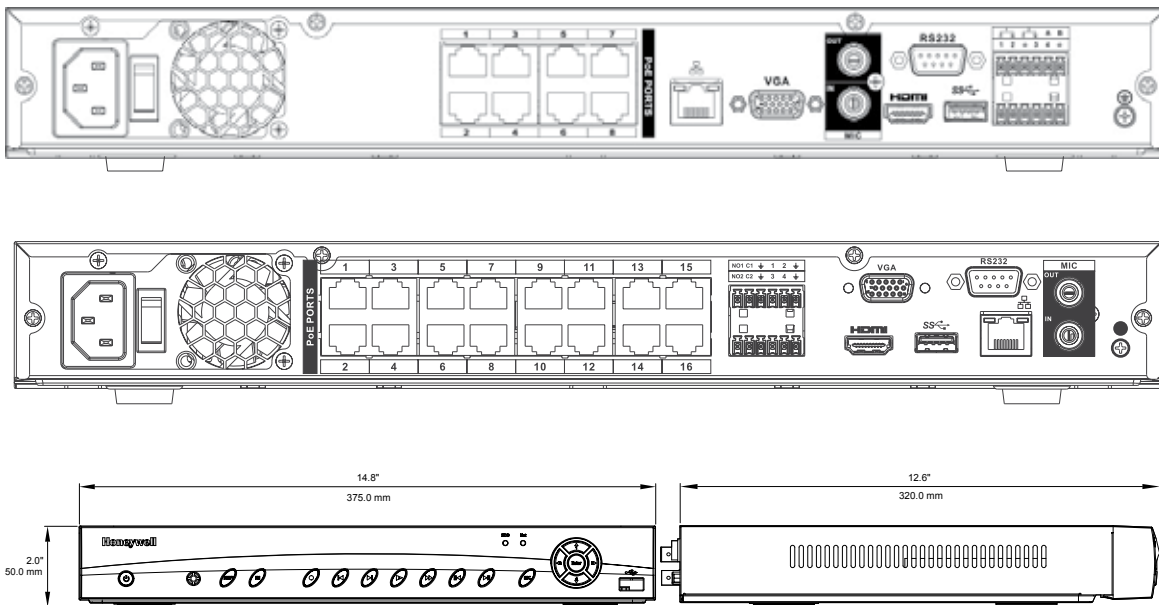
# Performance Series IP NVRs

## SPECIFICATIONS

### 4 Channel ENVR



### 8 and 16 Channel ENVR



# Performance Series IP NVRs

## BANDWIDTH, STORAGE & RECORDING QUICK REFERENCE GUIDE

### BANDWIDTH REQUIREMENTS AT LOCAL SITE

#### EVENT-BASED CLOUD STORAGE

CHANNELS	4 Channel				8 Channel				16 Channel			
CLOUD-RECORDED CAMERAS	1		4		2		8		4		16	
RECORDING RESOLUTION	CIF	1080p	CIF	1080p	CIF	1080p	CIF	1080p	CIF	1080p	CIF	1080p
RECORDING FRAME RATE	30	30	30	30	30	30	30	30	30	30	30	30
LIVE VIEW RESOLUTION	CIF	4CIF	CIF	4CIF	CIF	4CIF	CIF	4CIF	CIF	4CIF	CIF	4CIF
LIVE VIEW FRAME RATE	15	15	15	15	15	15	15	15	15	15	15	15
RECOMMENDED UPLOAD BANDWIDTH	1mbps - 3mbps		2mbps - 4mbps		1mbps - 4mbps		3mbps - 8mbps		2mbps - 8mbps		4mbps - 16mbps	

### ON-SITE STORAGE

#### CONTINUOUS RECORDING PLUS EVENT-BASED

NUMBER OF CAMERAS	4		8		16	
HARD DRIVES	Analog (CIF) 15FPS	IP (1080P) 15FPS	Analog (CIF) 15FPS	IP (1080P) 15FPS	Analog (CIF) 15FPS	IP (1080P) 15FPS
1 TB	120d	6d	60d	3d	30d	1.5d
2 TB	240d	12d	120d	6d	60d	3d
4 TB	480d	24d	240d	12d	120d	6d
6 TB	720d	36d	360d	18d	180d	9d
12 TB	1440d	72d	720d	36d	360d	18d

### CLOUD STORAGE

#### MOTION/EVENT-BASED RECORDING

EVENT/TRIGGER	Motion Based, Input Trigger, Schedule (Configured in Rules)
RESOLUTION	1080p
FRAME RATE	1-30 FPS up to 1080p
PRE-EVENT RECORDING	1-30 s
POST- EVENT RECORDING	1-300 s
EMAIL AND PUSH NOTIFICATION	Email with clip attachment/Mobile Push notification IOS/Android
NUMBER OF DAYS OF STORAGE	7, 30, 60, 90, 180, 365 days (Event Clips); 7 days included with Basic/30 days included with Premium
MOTION CONFIGURATION	Configured via ENVR local view for Honeywell Cameras

**For more information:**

[www.honeywell.com/security](http://www.honeywell.com/security)

[www.maxprocloud.com](http://www.maxprocloud.com)

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