Where reliable hardware encoding meets unmatched cloud control.

Revolutionizing Cloud Control.
The Wowza ClearCaster™ Pro brings reliable, broadcast-quality encoding to any destination. Purpose-built for media groups and production teams, it streamlines the streaming workflow while enabling remote control and monitoring over your entire encoding fleet.

The end result? The highest-quality and most reliable live-streaming experience possible.

The Wowza ClearCaster Pro Advantage

Cloud-Based Workflow Management
Streamline your workflow with remote management, customizable encoding workflows, and user permission control.

Adaptive Network Encoding
Increase reliability with intelligent adaptive network encoding, which constantly monitors network health and automatically decreases bitrate in adverse conditions.

Real-Time Health Monitoring
Identify issues quickly with detailed monitoring metrics, from encoder health through first-mile network conditions.

Key Features:
- Remote Management
- Live Monitoring
- User Management
- Closed Captions
- Titling and Graphics
- Multi-Target/Output
- HEVC/4K Support
- SRT

Learn more at www.wowza.com
Cloud-Based ClearCaster™ Manager:

- **Remote Management**: Use cloud-based control to manage your ClearCaster and go live.
- **Streamlined Workflows**: Reliably take broadcasts live with just one click.
- **Multi-User Access**: Provide your entire team with access to your encoders.
- **Health Monitoring**: Identify issues quickly and ensure your broadcasts are ready to go live.
- **Custom Workflows**: Build your own encoding workflows and use interface controls.
- **User Roles and Permissions**: Restrict access on certain features to less technical team members.
- **Slates**: Enable slates and clip injection to ensure clean starts and breaks.
- **Record Management**: Immediately access clean recordings of your broadcasts in the cloud.
- **APIs**: Integrate with your favorite applications using ClearCaster.

### Technical Details

- **A/V Inputs**: Physical: 1 x 6G SDI/HD/Ultra HD; 1 x HDMI 2.0a IP: 1 x MPEG-TS (UDP, SRT); RTSP, RTMP, HLS
- **Input Resolutions and Frame Rates**: 4k 2160p30; De-interlacing support
  - Up to 1080i/p60 (lower frame rates, resolutions support), scaling support
- **Codec Support**
  - **Video Inputs**: AVC / h.264; Via IP input HEVC/h.265, MPEG-2 support
  - **Video Outputs**: AVC / h.264; HEVC/h.265
  - **Audio Inputs**: Embedded audio, Via IP input AAC, AC-3 (Dolby Digital), MPEG-1 layer 2, MPS support Audio Output: AAC
- **Captions**: Embedded CEA-608/708 closed captions
- **Output Resolutions**: Up to 4k@30p; Encode up to 3 1080; full 1080 ABR ladder
  - Support for high frame rate (up to 60 fps) at 1080 and lower resolutions
  - Controllable aspect ratio and frame rate; All outputs support multiple targets
- **Output Formats**: RTMP / RTMPS
  - MPEG-TS (unicast, multicast)
  - RTSP / RTMP / HLS via pull only
  - SRT
- **Recording**: Fragmented MP4; Record multiple outputs; Store on appliance and in cloud
- **Network**: 1 GB Ethernet; DHCP Support; Manual Network Configurable
- **System Control**: Cloud based Browser control and template management
  - Centralized API (GraphQL); User Management; Built in LCD Screen
- **Hardware**: 1RU; rack-mountable; 1/2 depth; 200W internal power supply

For more information, visit wowza.com/products/clearcaster