



# iCap Alta™

Virtualized Live Closed Caption Encoding  
IP Video, 4K, Cloud, and Integrated Playout

## Alta Quick Facts

### Award Winning iCap Connectivity

iCap Alta is the answer for broadcasters planning closed captioning in IP video workflows. Alta powers your application with 24/7 connectivity to thousands of iCap certified transcribers across North America.



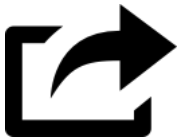
### Flexible Deployment

IP, 4K, and cloud workflows are supported by Alta. The technology is available as a standalone virtual machine or a software library for custom integration.



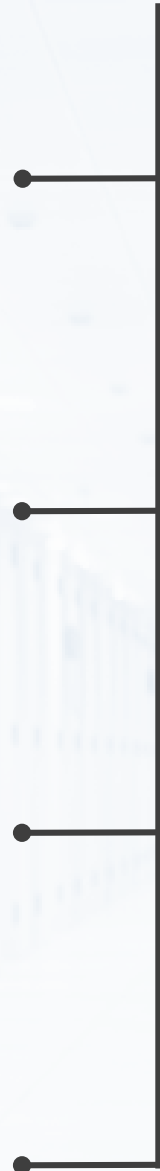
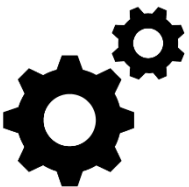
### Seamless Transitioning

With Alta, modern IP and legacy SDI workflows are unified under the same iCap Cloud - allowing a seamless transition from hardware-driven caption insertion to a software controlled environment.



### Software Driven Control

Once deployed, Alta is controlled through a web browser interface or via scripting/automation tools. Alta's transparency makes closed captioning a natural part of your IP video workflow.





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### SCTE-35 Insertion *\*add-on feature*

The SCTE-35 Insertion Module is a unique feature of Alta, used to generate SCTE-35 messages from SCTE-104 commands and insert them directly into real-time MPEG transport streams.



### Enhanced Security

Alta uses a server based authentication, connection, and encryption model with all instances safely behind existing firewalls. iCap also keeps detailed history logs of all authorized connections so you have full visibility of your system at all times.



### Easy Setup

Alta instances are identified by unique, configurable net names (Access Codes) that are easy to remember, and can be moved between different locations or devices as needed through your iCap Amin account. No additional hardware or software is needed.



### Superior Accuracy

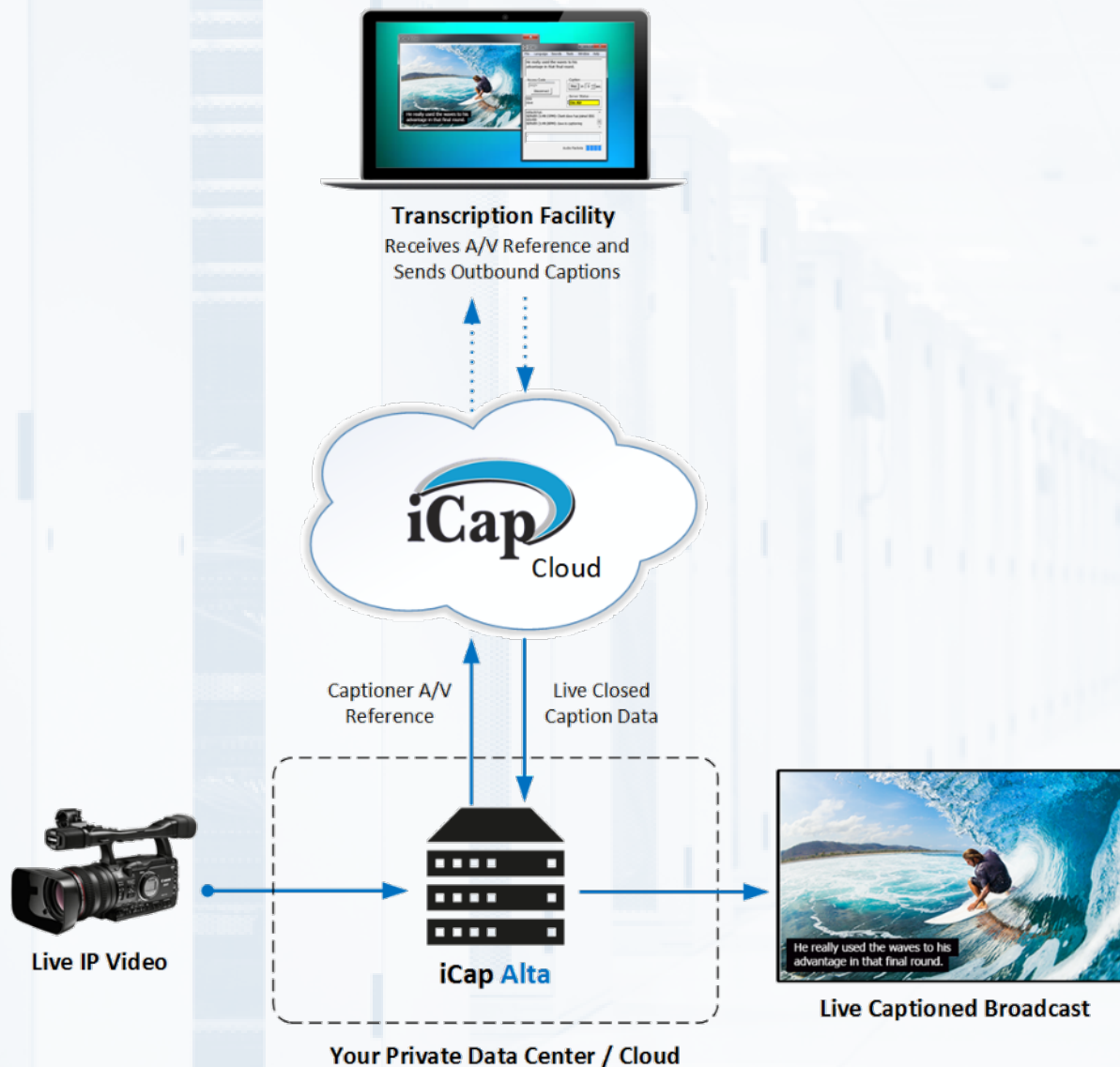
iCap Alta provides high bandwidth audio feedback to the captioner with a dialogue focused mix. Clarity far exceeds the capability of legacy systems and leads to much **higher word accuracy and improved transcription.**



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## Typical Alta Installation





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Think Forward. Think **Alta.**

<b>Supported Formats</b>	<ul style="list-style-type: none"><li>✓ MPEG Transport Streams Over UDP or RTP</li><li>✓ SMPTE 2022 FEC optional</li><li>✓ iCap Audio Return from PCM or AAC Audio Streams</li><li>✓ iCap Video Return from MPEG-2, H.264, JPEG200 and HEVC Video Streams</li></ul>
<b>Coming Soon</b>	<ul style="list-style-type: none"><li>✓ Uncompressed Formats Including ASPEN, VSF TR-03, and SMPTE 2022-6</li></ul>
<b>Deployment and Usage</b>	<ul style="list-style-type: none"><li>✓ Service-Oriented Licensing Model</li><li>✓ Deploy as a VM on VirtualBox, Cisco, or Microsoft Controllers</li><li>✓ Control Through Web Browser or HTTP REST Scripting</li><li>✓ Accommodates Multiple Streams Through a Single VM and Hardware Host</li></ul>