

Distribution: **To whom it may concern**  
Date: January 25, 2011  
Subject: **End of Life – Furnace Live Encoder**  
**Furnace Live Encoder Upgrade Program**  
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Please note that Haivision will not be providing support for the Furnace Live Encoder hardware/software platform within future full releases of the Furnace IP Video System. Haivision discontinued the sale of related products in June 2009.

Haivision is also offering an upgrade program for clients wishing to return their Furnace Live Encoder products for Haivision Makito/Barracuda encoder technology, details below. The Makito HD H.264 encoder and Barracuda SD H.264 encoder offer significant advantages over the Furnace Live Encoder products.

The affected products include:

**Haivision Products:**

S-VF-LF	Live Furnace SD Encoder System - SD MPEG 1/2/4. Composite, S-Video, and RF Inputs. AES Encryption, FEC, and Local Archive Support. 1U Server. Expandable to 2 channels.
S-VFO-LF2	Live Furnace Additional SD Encoder Option - Second SD MPEG 1/2/4 Encoding for Live Furnace System. Composite, S-Video, and RF Inputs. AES Encryption, FEC, and Local Archive Support.
S-VFO-LF-ARC	Live Furnace SD Archive Module (per channel) - Option for up to 24 hours of Channel Caching per Live Furnace SD encoder channel. Requires either Playback Manager or Media Server.
S-VF-PLF	Portable SD Live Furnace - SD MPEG 1/2/4. Single encode channel. Composite, S-Video, and RF Inputs. AES Encryption and FEC. Compact Appliance System.

**Video Furnace Products:**

VFH-EC1	Vweb Encoding Card
VFH-EC2	Yuan Encoding Card (for live encoding only) 1Per Channel
VF-LF	Live Furnace 1per Channel
VF-PF	Portable Furnace - Portable Small Form Factor Live Encoder*

The Furnace platform is currently at release 5.8 (January 2011). We expect a single future feature release of Furnace 5.x in the near future. Both releases contain product support for the Furnace Live Encoder related products. In a future release of Furnace (6.0) expected during 2011, Haivision will discontinue product support for the Furnace Live Encoder related products. To be clear, Haivision's technical support department will continue to provide technical support, repairs, and replacements per any maintenance agreements for Furnace clients operating the Furnace Live Encoder related products with Furnace 4.x and 5.x system revisions. Going forward, any maintenance agreements for Furnace Live Encoder related products will no longer be renewed.



**Furnace Live Encoder to Makito/Barracuda Upgrade Program:**

Haivision is providing an upgrade program for customers who wish to migrate to the latest Makito/Barracuda technology and return their Furnace Live encoder towards the purchase of Makito and Barracuda encoders.

Specific notes related to replacing Furnace Live Encoder products with Makito/Barracuda products:

- The Makito/Barracuda encoders support low latency encoding of video into the popular and efficient H.264 video compression standard.
- The Makito offers full HD (up to 1080p60) and SD capabilities.
- The Makito/Barracuda encoders offer advanced features such as HiLoStreaming, MultiStreaming, and Selective Mute.
- The Makito/Barracuda encoders have significantly lower per unit maintenance costs as they are compact appliance platforms (as opposed to the Furnace Live Encoders that are server platforms with additional hardware/software items).
- The Makito/Barracuda encoders offer significantly higher channel density (6 channels per 1RU vs. 2 channels per 1RU).
- The Makito/Barracuda encoders offer significantly reduced power consumption.
- Please see the Makito/Barracuda encoder datasheets for complete feature details.
- For clarity, the Makito/Barracuda encoders do not offer the following Furnace Live Encoder features (not complete list):
  - SlideCaster, however Haivision is developing multi-stream capabilities within Furnace 6.0.
  - VF Archive, the rolling record feature of Furnace Live Encoders that captures programs to the disks directly at the encoder source.
  - MPEG-2 and other historic compression formats
  - Direct cable (RF) tuning

**Furnace Live Encoder to Barracuda (SD) Upgrade Program: List Price**

<b>S-280E-SDI</b>	<b>Barracuda Encoder Appliance</b> - SD H.264 IP Video Encoder - SDI, Composite, S-Video, and Audio input; 150 kbps to 8 Mbps; 10/100/1000 Ethernet; 5VDC w/ 90-240 VAC External Power with Locking Connector.	<b>3,995</b>
<b>CR-280-LFUP</b>	Marketing credit for the return of a Furnace Live Encoder or Portable Furnace Live Encoder when purchasing a Haivision Barracuda before April 30th, 2011. Return of the Live Encoder is required.	<b>-1,000</b>

**Furnace Live Encoder to Makito (HD) Upgrade Program: List Price**

<b>S-290E-DVI</b>	<b>Makito Encoder Appliance</b> - HD/SD H.264 IP Video Encoder – Component Analog (Y,Pb,Pr/RGBHV) and Digital Video (DVI) input over DVI-I; up to 1080p60 HD Video or up to 1920x1080 60Hz Computer; 150 kbps to 15 Mbps; 2ch. analog audio input; 10/100/1000 Ethernet; 5VDC w/ 90-240 VAC External Power with Locking Connector.	<b>8,995</b>
<b>CR-290-LFUP</b>	Marketing credit for the return of a Furnace Live Encoder or Portable Furnace Live Encoder when purchasing a Haivision Makito before April 30th, 2011. Return of the Live Encoder is required.	<b>-2,000</b>



Specific notes related to the Furnace Live Encoder to Makito/Barracuda Upgrade Program:

- Only one marketing credit may be applied per Makito/Barracuda encoder purchased.
- The Makito/Barracuda appliances may be substituted for Makito/Barracuda blades and related/required chassis components.
- Any reseller of other discounts applied to the purchased products will be equally applied to any related marketing credits.
- The marketing credits will only be applied towards the transaction upon the receipt of the Furnace Live Encoder return.
- Should the Furnace Live Encoder products not be returned, the client will be charged for the entire amount of the marketing credit applied.

Sincerely,

Haivision Network Video

