



## Cobalt Digital Inc.

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## Engineering Release Notes

You can update your card by downloading the new 'Update software by going to the **Support>Firmware** link at [www.cobaltdigital.com](http://www.cobaltdigital.com). Download "Firmware Update Guide", which provides simple instructions for downloading the latest firmware for your card onto your computer, and then uploading it to your card through DashBoard™. **Software updates are field-installed without any need to remove the card from its frame.** The table below lists released software versions and describes the corresponding functions additions, improvements and/or corrections.

- Notes:**
- Some features and/or functions described below are available on a card only when certain licensable features have been activated.
  - Date ranges are approximate. Refer to **Support>Firmware** web page for specific card firmware availability.

Software Version (Date)	Description
9121 Rev 7 (8/21/2014 – present)	<b>Improvements/Additions:</b> <ul style="list-style-type: none"><li>• Adds revertive and non-revertive failover control:<ul style="list-style-type: none"><li>- Revertive failover mode routes the primary-designated input directly to the output upon resumption of valid status on the primary input.</li><li>- Non-Revertive failover mode holds the card to use the failover routing, and only reverts to the primary input when a Return To Primary Input button is pressed. In cases where the primary input might be going in and out of lock, this prevents repeated undesired toggling in and out of primary and failover routing.</li></ul></li><li>• Adds a Log tab, with logging of the 10 most-recent events regarding signal routing.</li><li>• Adds SNMP trapping to all new controls. Updates the MIB file to account for new SNMP functionality.</li></ul>
9121 Rev 5 (1/14/2013 – 8/21/2014)	<b>Corrections:</b> <ul style="list-style-type: none"><li>• In previous release with the card power-cycled or rebooted, the expected failover state was not always retained (either in a state where failover is held off due to valid input on <b>Input A</b>, or in a failover state with <b>Input B</b> selected as a result of failover). Rev 5 corrects this, with the expected failover retained on the card relay output regardless of card state, and with reclocked outputs tracking with the relay failover selection upon resumption of card stable-state operation.</li></ul>