Vantage®

Lightspeed K40SSD and K80SSD Server Release Notes
Vantage v7.1 – November 7, 2017

This Release Notes document describes the release of Telestream's Lightspeed K40SSD/K80SSD 1RU server for use with Vantage software. This release is qualified for use with Vantage v7.1 running under Windows Server 2012 R2 or Windows Server 2008 R2.

Lightspeed K40SSD/K80SSD server - Key features/improvements/fixes:
- **Qualified with Vantage v7.1**– November 7, 2017
  o Lightspeed K40SSD/80SSD servers qualified for use with Vantage v7.1
- **Qualified with Vantage v7.0 UP3**– June 2, 2017
  o Lightspeed K40SSD/80SSD servers qualified for use with Vantage v7.0 UP3
  o *Updated –* Updated NVidia GPU driver version to v376.33 WHQL.
- **Qualified with Vantage v7.0 UP2**– March 27, 2017
  o Lightspeed K40SSD/80SSD servers qualified for use with Vantage v7.0 UP2
- **Qualified with Vantage v7.0** – July 19, 2016
  o Lightspeed K80/K80SSD servers qualified for use with Vantage v7.0
- **Qualified with Vantage v6.3 UP5** – February 10, 2016
  o Lightspeed K80 servers qualified for use with Vantage v6.3 UP5
  o *Updated –* Updated NVidia GPU driver version to v354.56 WHQL.
- **Qualified with Vantage v6.3 UP4** – September 15, 2015
  o Lightspeed K80 servers qualified for use with Vantage v6.3 UP4
- **Qualified with Vantage v6.3 UP1** – August 26, 2015
  o Lightspeed K80 servers qualified for use with Vantage v6.3 UP1
- **Qualified with Vantage v6.3 UP3** – June 17, 2015
  o Lightspeed K80 servers qualified for use with Vantage v6.3 UP3
  o **New** – Supports *Tempo Time Adjustment* processing.
  o **New** - Lightspeed K80 Run-On Rules. This release allows administrators to set run-on rules targeting the Lightspeed K80 server specifically from within the workflow designer.
  o *Updated –* Added new K80 Session license key. This license key allows for an unlimited number of Lightspeed GPU Accelerated processes to be run concurrently.
  o *Updated –* Changed the Lightspeed K80 Server's default Power Option to 'High Performance'
- *Initial release* with **Vantage v6.3 UP2** – June 2, 2015

Lightspeed K40SSD/K80SSD
- Lightspeed K40SSD/K80SSD server is qualified for use with
  o Vantage Software
    ▪ Vantage v6.3 Update Pack 1 through Update Pack 5 with Transcoder 2015.6 (or later)
    ▪ Vantage v7.0 UP1, UP2 and UP3 with Transcoder 2016.6+ (or later)
    ▪ Vantage v7.1 with Transcoder 2017.8+ (or later)
  o Operating System
    ▪ Windows Server 2012 R2 Standard Edition
    ▪ Windows Server 2008 R2 Standard Edition
  o Fibre Channel Cards options:
    ▪ ATTO Celerity FC-81EN Single-Channel 8Gb/s HBA (V-FIBRE-LS-SINGLE)
    ▪ ATTO Celerity FC-82EN Dual-Channel 8Gb/s HBA (V-FIBRE-LS-DUAL)
    ▪ ATTO Celerity FC-160EN Single-Channel 16Gb/s HBA (V-16G-FIBRE-SINGLE)
    ▪ ATTO Celerity FC-162EN Dual-Channel 16Gb/s HBA (V-16G-FIBRE-DUAL)
    ▪ QLogic QLE2560 Single-Channel 8Gb/s HBA (V-QLOGIC-FC-SINGLE)
    ▪ QLogic QLE2562 Dual-Channel 8Gb/s HBA (V-QLOGIC-FC-SINGLE)
  o Ethernet Network Interface Cards options:
    ▪ Intel I3550 T4 Quad Port 1Gb (V-ETH-LS-QUAD)
    ▪ ATTO FastFrame NS-11 Single-Channel SFP+ 10GbE (V-10GBESPF-LS-SGL)
    ▪ ATTO FastFrame NS-12 Dual-Channel SFP+ 10GbE (V-10GBESPF-LS-DUAL)

- - MYRICOM 10G-PCIE-8B-S+E 10GbE (V-MYRICOM-10G-SGL)
    - MYRICOM 10G-PCIE2-8B2 Dual Port 10GbE (V-MYRICOM-10G-Dual)
- Lightspeed K80/K40SSD//K80SSD ships with the following software drivers
  - NVidia GPU Driver – 376.33 WHQL
  - Network Driver – v20.0 (Intel ProWin64 for Win 2012 or Win 2008)
  - IPMI revision – v3.52
  - System BIOS – v2.0.a

Support contacts

For Lightspeed technical support and documentation, visit the Lightspeed support web site at
http://www.telestream.net/telestream-support/lightspeed/support.htm.