ISSUED: Feb 14, 2020



SGX Bare-metal HP G8 Server Solution End of Product Sale Notification

Ribbon Communications, Inc. ("Ribbon") is announcing the End of Product Sale (EoPS) and End of Support (EoS) dates for the Ribbon SGX Bare-metal HP G8 server product. Customers with active maintenance agreements are recommended to upgrade to the Ribbon virtual SGX solution (Generally available 2H'2020).

PRODUCT CODES NO LONGER AVAILABLE			
EoPS Product Code	Description Replacement product Code		Description
Hardware+ Software Bundle SKUs			
TRK-SGXL-HPG8AC-0SIG-100	SGX4000 LGE SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 0 T1E1 PORTS - SIGTRAN AND SS7 LIC - AC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXL-HPG8AC-4SIG-100	SGX4000 LGE SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS - SIGTRAN AND SS7 LIC - AC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXL-HPG8AC-8SIG-100	SGX4000 LGE SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 8 T1E1 PORTS - SIGTRAN AND SS7 LIC - AC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXL-HPG8DC-0SIG-100	SGX4000 LGE SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 0 T1E1 PORTS - SIGTRAN AND SS7 LIC - DC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXL-HPG8DC-4SIG-100	SGX4000 LGE SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS - SIGTRAN AND SS7 LIC - DC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXL-HPG8DC-8SIG-100	SGX4000 LGE SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 8 T1E1 PORTS -	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or

	SIGTRAN AND SS7		later for Sigtran
	LIC - DC		only deployments.
	SGX4000 MED SYS		Enables
	INCL DUAL CE - HP		virtualization to
	DL380 G8 - 8 ENET - 0		existing SGX SW
TRK-SGXM-HPG8AC-0SIG-100	T1E1 PORTS -	TRK-SW-SGX-VIRTUAL	Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - AC		only deployments.
	SGX4000 MED SYS		Enables
	INCL DUAL CE - HP		virtualization to
	DL380 G8 - 8 ENET - 4		existing SGX SW
TRK-SGXM-HPG8AC-4SIG-100	T1E1 PORTS -	TRK-SW-SGX-VIRTUAL	Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - AC		only deployments.
	SGX4000 MED SYS		Enables
	INCL DUAL CE - HP		virtualization to
	DL380 G8 - 8 ENET - 8		existing SGX SW
TRK-SGXM-HPG8AC-8SIG-100	T1E1 PORTS -	TRK-SW-SGX-VIRTUAL	Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - AC		only deployments.
	SGX4000 MED SYS		Enables
	INCL DUAL CE - HP		virtualization to
	DL380 G8 - 8 ENET - 0		existing SGX SW
TRK-SGXM-HPG8DC-0SIG-100	T1E1 PORTS -	TRK-SW-SGX-VIRTUAL	Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - DC		only deployments.
	SGX4000 MED SYS	TRK-SW-SGX-VIRTUAL	Enables
	INCL DUAL CE - HP		virtualization to
TRK-SGXM-HPG8DC-4SIG-100	DL380 G8 - 8 ENET - 4		existing SGX SW
	T1E1 PORTS -		Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - DC		only deployments.
	SGX4000 MED SYS	TRK-SW-SGX-VIRTUAL	Enables
	INCL DUAL CE - HP		virtualization to
TRK-SGXM-HPG8DC-8SIG-100	DL380 G8 - 8 ENET - 8		existing SGX SW
	T1E1 PORTS -		Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - DC		only deployments.
	SGX4000 SMALL SYS		Enables
	INCL DUAL CE - HP		virtualization to
TRK-SGXS-HPG8AC-0SIG-100	DL380 G8 - 8 ENET - 0	TRK-SW-SGX-VIRTUAL	existing SGX SW
	T1E1 PORTS -		Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - AC		only deployments.
	SGX4000 SMALL SYS		Enables
	INCL DUAL CE - HP	TRK-SW-SGX-VIRTUAL	virtualization to
TRK-SGXS-HPG8AC-4SIG-100	DL380 G8 - 8 ENET - 4		existing SGX SW
	T1E1 PORTS - SIGTRAN AND SS7		Release 10.0.9 or
			later for Sigtran
	LIC - AC		only deployments.
	SGX4000 SMALL SYS		Enables
TRK-SGXS-HPG8AC-8SIG-100		TRK-SW-SGX-VIRTUAL	virtualization to
	DL380 G8 - 8 ENET - 8		existing SGX SW
	T1E1 PORTS -		Release 10.0.9 or

	SIGTRAN AND SS7		later for Sigtran
	LIC - AC		only deployments.
	SGX4000 SMALL SYS		Enables
TRK-SGXS-HPG8DC-0SIG-100	INCL DUAL CE - HP		virtualization to
	DL380 G8 - 8 ENET - 0	TRK-SW-SGX-VIRTUAL	existing SGX SW
	T1E1 PORTS -	IRR-SW-SGA-VIRTUAL	Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - DC		only deployments.
	SGX4000 SMALL SYS		Enables
	INCL DUAL CE - HP		virtualization to
TRK-SGXS-HPG8DC-4SIG-100	DL380 G8 - 8 ENET - 4	TRK-SW-SGX-VIRTUAL	existing SGX SW
	T1E1 PORTS -		Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - DC		only deployments.
	SGX4000 SMALL SYS		Enables
	INCL DUAL CE - HP		virtualization to
TRK-SGXS-HPG8DC-8SIG-100	DL380 G8 - 8 ENET - 8	TRK-SW-SGX-VIRTUAL	existing SGX SW
	T1E1 PORTS -		Release 10.0.9 or
	SIGTRAN AND SS7		later for Sigtran
	LIC - DC		only deployments.
	SGX4000 LGE SYS		Enables
	INCL DUAL CE - HP		virtualization to
TRK-SGXL-HPG8AC-4SS7-100	DL380 G8 - 8 ENET - 4	TRK-SW-SGX-VIRTUAL	existing SGX SW Release 10.0.9 or
	T1E1 PORTS - SS7		later for Sigtran
	LIC - AC		only deployments.
			Enables
	SGX4000 LGE SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 8 T1E1 PORTS - SS7		virtualization to
		TRK-SW-SGX-VIRTUAL	existing SGX SW
TRK-SGXL-HPG8AC-8SS7-100			Release 10.0.9 or
			later for Sigtran
	LIC - AC		only deployments.
	SGX4000 LGE SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS - SS7 LIC - DC	TRK-SW-SGX-VIRTUAL	Enables
			virtualization to
TRK-SGXL-HPG8DC-4SS7-100			existing SGX SW
TRR-36AL-HF 66DC-4337-100			Release 10.0.9 or
			later for Sigtran
			only deployments.
	SGX4000 LGE SYS	TRK-SW-SGX-VIRTUAL	Enables
	INCL DUAL CE - HP		virtualization to
TRK-SGXL-HPG8DC-8SS7-100	DL380 G8 - 8 ENET - 8		existing SGX SW
	T1E1 PORTS - SS7		Release 10.0.9 or
	LIC - DC		later for Sigtran
			only deployments.
	SGX4000 MED SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS - SS7	TRK-SW-SGX-VIRTUAL	Enables virtualization to
			existing SGX SW
TRK-SGXM-HPG8AC-4SS7-100			Release 10.0.9 or
			later for Sigtran
	LIC - AC		only deployments.
	SGX4000 MED SYS		Enables
	INCL DUAL CE - HP		virtualization to
TRK-SGXM-HPG8AC-8SS7-100	DL380 G8 - 8 ENET - 8	TRK-SW-SGX-VIRTUAL	existing SGX SW
	T1E1 PORTS - SS7		Release 10.0.9 or
	LIC - AC		
			1

			later for Sigtran only deployments.
TRK-SGXM-HPG8DC-4SS7-100	SGX4000 MED SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS - SIGTRAN AND SS7 LIC - AC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXM-HPG8DC-8SS7-100	SGX4000 MED SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 8 T1E1 PORTS - SS7 LIC - DC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXS-HPG8AC-4SS7-100	SGX4000 SMALL SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS - SS7 LIC - AC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXS-HPG8AC-8SS7-100	SGX4000 SMALL SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 8 T1E1 PORTS - SS7 LIC - AC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXS-HPG8DC-4SS7-100	SGX4000 SMALL SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS - SS7 LIC - DC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
TRK-SGXS-HPG8DC-8SS7-100	SGX4000 SMALL SYS INCL DUAL CE - HP DL380 G8 - 8 ENET - 8 T1E1 PORTS - SS7 LIC - DC	TRK-SW-SGX-VIRTUAL	Enables virtualization to existing SGX SW Release 10.0.9 or later for Sigtran only deployments.
Hardware only SKUs			
TRK-SGX-HPG8-4T1E1	INTERPHASE CARD WITH BRACKET ASSEMBLY KIT	Not Applicable	
TRK-SGX-HPG8AC	DL380G8: 2X6-CORE, 32GB, 2X450 GB HDD, 4XGBE HBA, AC POWER	Not Applicable	
TRK-HPG8-SGX-8SS7-DC	SGX4000 HW INCL DUAL CE - HP DL380 G8 - 8 ENET - 8 T1E1 PORTS - DC	Not Applicable	
TRK-HPG8-SGX-0SIG-AC	SGX4000 HW INCL DUAL CE - HP DL380 G8 - 8 ENET- 0 T1E1 PORTS - AC	Not Applicable	

TRK-HPG8-SGX-0SIG-DC	SGX4000 HW INCL DUAL CE - HP DL380 G8 - 8 ENET- 0 T1E1 PORTS - DC	Not Applicable	
TRK-HPG8-SGX-8SS7-AC	SGX4000 HW INCL DUAL CE - HP DL380 G8 - 8 ENET - 8 T1E1 PORTS - AC	Not Applicable	
TRK-HPG8-SGX-4SS7-AC	SGX4000 HW INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS- AC	Not Applicable	
TRK-HPG8-SGX-4SS7-DC	SGX4000 HW INCL DUAL CE - HP DL380 G8 - 8 ENET - 4 T1E1 PORTS- DC	Not Applicable	
TRK-SGX-HPG8DC	DL380G8: 2X6-CORE, 32GB, 2X900 GB HDD, 4XGBE HBA, DC POWER	Not Applicable	

<u>Please Note</u>: Limited quantities of HP DL380 servers available to order/ship, please check with your sales representative before placing an order.

PRODUCT LIFE CYCLE DATES

Milestone		Date
End of Product Sale Announcement: Date on which Ribbon announced EoPS.		Feb 14, 2020
Last Quote Date: Date on which the product codes can no longer be qu		March 30, 2020
Last Order Date: Date on which the product codes can no longer be or		May 30, 2020
Last Ship Date/Manufacturer's Discontinuance: Date on which the affected product codes can no longer be shipped from Ribbon on new systems.		September 30, 2020
End of Support: Date on which the product will no longer be supported by Ribbon.		December 31, 2025
FREQUENTLY ASKED QUESTIONS		
Frequently Asked Question	Answer	
What action should be taken by customers?	Ribbon recommends that current customers work with their Ribbon Account Manager(s) to plan upgrades of their SGXs to Virtual SGX. Please Note: You may additionally need to upgrade ancillary products (i.e., EMS).	
What is the feasible upgrade option for customers having one or more of following SKUs:	Customers using the MTP2 interface toward an STP can replace existing SGX Bare-metal with Virtual SGX as follows: • Transition to M2PA interfaces toward an STP	

TRK-SGXL-HPG8AC-4SS7-100 TRK-SGXL-HPG8AC-8SS7-100 TRK-SGXL-HPG8DC-4SS7-100 TRK-SGXL-HPG8DC-8SS7-100 TRK-SGXM-HPG8AC-4SS7-100 TRK-SGXM-HPG8AC-8SS7-100 TRK-SGXM-HPG8DC-4SS7-100 TRK-SGXS-HPG8AC-4SS7-100	 Purchase Sigtran and Virtualization licenses from Ribbon Purchase Virtual SGX COTs hardware
TRK-SGXS-HPG8AC-4SS7-100 TRK-SGXS-HPG8AC-4SS7-100 TRK-SGXS-HPG8DC-4SS7-100 TRK-SGXS-HPG8DC-4SS7-100 TRK-SGXS-HPG8DC-4SS7-100 What is the feasible upgrade option for customers having one or more of following SKUs: TRK-SGXL-HPG8AC-4SIG-100 TRK-SGXL-HPG8DC-4SIG-100 TRK-SGXL-HPG8DC-4SIG-100 TRK-SGXM-HPG8AC-4SIG-100 TRK-SGXM-HPG8DC-4SIG-100 TRK-SGXS-HPG8DC-4SIG-100 TRK-SGXS-HPG8DC-4SIG-100 TRK-SGXS-HPG8AC-4SIG-100 TRK-SGXS-HPG8AC-4SIG-100 TRK-SGXS-HPG8AC-4SIG-100	 Customers using both MTP2 and M2PA interfaces toward an STP can replace the existing SGX Bare-metal with Virtual SGX as follows: Transition MTP2 interfaces to M2PA interfaces toward an STP Purchase Virtualization licenses from Ribbon Purchase Virtual SGX COTs hardware
TRK-SGXS-HPG8DC-8SIG-100 What is the feasible upgrade option for customers having one or more of following SKUs: TRK-SGXL-HPG8AC-0SIG-100 TRK-SGXM-HPG8AC-0SIG-100 TRK-SGXS-HPG8AC-0SIG-100 TRK-SGXS-HPG8DC-0SIG-100 TRK-SGXS-HPG8DC-0SIG-100	Customers using only M2PA interface are ready to transition to Virtual SGX. The steps involved are as follows: • Purchase Virtualization licenses from Ribbon • Purchase Virtual SGX COTs hardware
Can customers using EOSL software/ hardware upgrade to Virtual SGX?	Yes, customers using software version 7.3.x and 9.0.x on 4250 servers can upgrade to Virtual SGX. Please contact your Ribbon Account Manager(s) for possible option(s).
How much does TRK-SW-SGX- VIRTUAL cost?	TRK-SW-SGX-VIRTUAL is priced at \$90,000 USD and customers must purchase one license for each HA pair for Virtual SGX.
Does Virtual SGX offer same capacity as SGX Bare-metal Solution?	Yes, Customers would need to deploy Virtual SGX on COTS Hardware as per Ribbon's recommendation for this. Customers can also choose to buy Recommended hardware from Ribbon for this.
Where can I find the details on Ribbons software support policy?	Kindly refer to end of product sale policy for details on Ribbon's software release cadence and support policy. <u>https://ribboncommunications.com/sites/default/files/2018-</u> 02/Sonus-end-of-product-sale-policy-050717.pdf

RIBBON CONFIDENTIAL AND PROPRIETARY

This bulletin is subject to the existing customer purchase agreement between the parties which shall control in the event of conflict.

The above dates are for planning purposes only and Ribbon reserves the right to change with notice.