PRODUCT AND SERVICES BULLETIN External Announcement

ISSUED: April 15, 2019



EMS and PSX SW Release 11.0.x and 11.1.x 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 release 11.0.x and 11.1.x software running on the Ribbon EMS and PSX products. Customers with active maintenance agreements are recommended to upgrade to SW Release 11.2.x for continued support.

| PRODUCT CODES NO LONGER AVAILABLE | | | | |
|-----------------------------------|-----------------------|---------------------|-----------------------|--|
| EoPS Product Code | Description | Replacement product | Description | |
| | | Code | | |
| | PSX RELEASE 11.0 | | PSX RELEASE 11.2 | |
| POL-PSX-SW-110 | POLICY SERVER SW | POL-PSX-SW-112 | POLICY SERVER SW | |
| | PSX RELEASE 11.1 | | PSX RELEASE 11.2 | |
| POL-PSX-SW-111 | POLICY SERVER SW | POL-PSX-SW-112 | POLICY SERVER SW | |
| | EMS HIGH AVAILABILITY | | EMS HIGH AVAILABILITY | |
| | RELEASE 11.0 | | RELEASE 11.2 | |
| SYM-EMS-HA-SW-110 | SOFTWARE | SYM-EMS-HA-SW-112 | SOFTWARE | |
| | EMS HIGH AVAILABILITY | | EMS HIGH AVAILABILITY | |
| | RELEASE 11.1 | | RELEASE 11.2 | |
| SYM-EMS-HA-SW-111 | SOFTWARE | SYM-EMS-HA-SW-112 | SOFTWARE | |
| | EMS STANDALONE | | EMS STANDALONE | |
| | RELEASE 11.0 | | RELEASE 11.2 | |
| SYM-EMS-SA-SW-110 | SOFTWARE | SYM-EMS-SA-SW-112 | SOFTWARE | |
| | EMS STANDALONE | | EMS STANDALONE | |
| | RELEASE 11.1 | | RELEASE 11.2 | |
| SYM-EMS-SA-SW-111 | SOFTWARE | SYM-EMS-SA-SW-112 | SOFTWARE | |

PRODUCT LIFE CYCLE DATES

| Milestone | Date |
|---|----------------|
| End of Product Sale Announcement: Date on which Ribbon has announced EoPS. | April 15, 2019 |
| Last Quote Date: Date on which the affected product codes are no longer quotable. | NA |
| Last Order Date: Date on which the affected product codes are no longer orderable. | NA |
| Last Ship Date/Manufacturer's Discontinuance: Date on which the affected product codes can no longer be shipped from Ribbon on new systems. | NA |

| End of Support: Date in which the product will | April 14, 2020 |
|--|----------------|
| no longer be supported by Ribbon | |

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 upgrade their PSX and EMS deployments to Release 11.2.x |
| 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. https://ribboncommunications.com/sites/default/files/2018-02/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.