ASTRONICS
ADVANCED ELECTRONIC SYSTEMS

12950 Willows Road N.E.
Kirkland, WA 98034-8769 USA
+1.425.881.1700

Product Change Notice
CentOS 7 Linux OS (Production to Legacy)

PCN Number: SIL0071
Notification Date: 9 June 2023

Change Description

Astronics Advanced Electronic Systems (AES) has a well-earned reputation for providing extremely long-term support for our interface products. To maintain a supported Linux OS on the NG3 and NG2 products, Astronics AES will be transitioning from CentOS 7 to Rocky 9. The CentOS 7 Linux OS will transition to End-of-Life (EOL) on June 30, 2024. This means there will be no more updates, features, or patches from Red Hat®. Astronics AES does not anticipate another update to the CentOS 7 Linux OS installed on its NG3 and NG2 products before this date.

Lifecycle Stages
PRODUCTION Product is in full production and available for sale
LEGACY Product is in active production. Not recommended for new designs.
END-OF-LIFE Product is no longer in active production, availability is limited
OBSOLETE Product is no longer available and no longer manufactured

The Legacy Lifecycle means that the product with CentOS 7 will continue to be manufactured with no impact on availability. However, it is not recommended for new designs as the product will no longer be receiving software updates from Red Hat or Astronics AES after June 30, 2024. We recommend customers migrate to the recommended replacement OS (suggested alternate part numbers in the Products Affected table) to continue receiving software updates and support. Astronics AES will offer an OS upgrade for customers with CentOS 7.

In early 2024, Astronics AES will be introducing the Rocky 9 Linux OS as the recommended replacement OS, "an open-source enterprise operating system designed to be 100% bug-for-bug compatible with Red Hat Enterprise Linux®." Red Hat no longer offers a community-supported CentOS distribution, so Astronics AES has selected Rocky 9 as the natural migration path for maintaining compatibility with the Red Hat Enterprise Linux (RHEL) offering, just as it had with CentOS.

Rocky 9 is a production-grade operating system with an emphasis on stability and long life. It was founded by the person responsible for the creation of CentOS. Rocky has quickly solidified itself as a viable successor to CentOS and is a great addition to the NG3 and NG2 products.

Products Affected

Part Family	Description	Part/Order Numbers*	Suggested Alternates
NG3	NG3 Avionics I/O Computer	NG3H100**2**<config>	NG3H100**3**<config>
		NG3V100**2**<config>	NG3V100**3**<config>
		NG3H101**2**<config>	NG3H101**3**<config>
		NG3V101**2**<config>	NG3V101**3**<config>
		NG3H102**2**<config>	NG3H102**3**<config>
		NG3V102**2**<config>	NG3V102**3**<config>
NG2	NG2 Avionics I/O Computer	NG2H100**2**<config>	NG2H100**3**<config>
		NG2V100**2**<config>	NG2V100**3**<config>
		NG2H110**2**<config>	NG2H110**3**<config>
		NG2V110**2**<config>	NG2V110**3**<config>

*Base part numbers are provided. <config> represents the ordered configuration in the original part number. The suggested alternate should maintain the same configuration.

More Information

To obtain more information about this product change, or to obtain technical assistance regarding replacement products, please contact the Astronics AES Ballard product group:

- By phone: +1.425.339.0281
- By email: Ballard.Support@astronics.com