



## Grid Automation Critical Infrastructure Communications

Date: **January 2025**Distribution: **Public**

Reference: GER-4987

### End-of-Manufacturing/Supply Notice

## MDS SD Series

#### Background

GE Vernova is committed to customer care and the support of our offerings. As part of this commitment, we strive to design high quality offerings, provide knowledge-based support, and to communicate the availability of new features or offerings as well as the pending discontinuation of manufacturing or supply for older offerings or design variants.

#### Last-Time Buy Window

GE Vernova recommends that customers who wish to migrate or extend their existing installed base of offerings referenced in this notice transition to the alternative offerings shown, which can provide considerable advances in communications functionality. This document outlines the strategy for affected offerings - please plan the purchase of any additional quantities or spares that you need. Orders should be routed to GE Vernova prior to the last order date of **December 12<sup>th</sup>, 2025**. Orders will be fulfilled based upon availability and shipments typically occur within three months of last order date, no later than **March 14<sup>th</sup>, 2026**. Requests for delayed shipments must be agreed with our factories prior to order acceptance.<sup>1</sup>

#### Affected Products

Due to component obsolescence and slow-moving inventory, GE Vernova will discontinue manufacture of the following MDS SD Series products.

| Product      | Discontinued Bands                                                                       | Part Numbers Beginning                                                               | Recommended Alternative                                                                |
|--------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| SD01<br>SD1P | 1B: 150-174 MHz                                                                          | SD01-MDB, SD1P-MDB                                                                   | Orbit with Licensed Narrowband<br>L1B: 150-174 MHz                                     |
| SD02<br>SD2P | 2A: 216-220 MHz<br>2B: 220-222 MHz<br>2C: 220-235 MHz (China)<br>2D: 216-220 MHz (50kHz) | SD02-MDA, SD2P-MDA<br>SD02-MDB, SD2P-MDB<br>SD02-MDC, SD2P-MDC<br>SD02-MDD, SD2P-MDD | Orbit with Licensed Narrowband<br>L2X: 216-235 MHz (NAM)<br>L2B: 220-222 MHz 5KHz (US) |
| SD04<br>SD4P | 4A: 350-400 MHz Standard<br>4A:350-400 MHz RED Compliant                                 | SD04-MDA, SD4P-MDA<br>SD4P-MDH, SD4P-MDH                                             | Orbit with Licensed Narrowband<br>L4A: 330-406 MHz                                     |
| SD04<br>SD4P | 4D: 300-360MHz Standard<br>4D:300-360MHz RED Compliant                                   | SD04-MDD, SD4P-MDD<br>SD04-MDK, SD4P-MDK                                             | Orbit with Licensed Narrowband<br>L4A: 330-406 MHz                                     |
| SD09<br>SD9P | I: 915-941 MHz (Venezuela)                                                               | SD09-MDI, SD9P-MDI                                                                   | Orbit with Licensed Narrowband<br>L9C: 896-960 MHz (NAM)                               |
| SD09<br>SD9P | J: TX 880-915/RX 928-960 MHz (Rail)                                                      | SD09-MDJ SD9P-MDJ                                                                    | Orbit with Licensed Narrowband<br>L9C: 896-960 MHz (NAM)                               |

Not all MDS SD Series products will be discontinued. The following products will continue to be offered to customers with availability planned through the end of 2028 or later <sup>1</sup>.

| Product       | Band            | Version                                               | Part Numbers Beginning                                                               | Recommended Alternative                                                        |
|---------------|-----------------|-------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| SD04,<br>SD4P | 4B: 400-450 MHz | Standard<br>RED Compliant                             | SD04-MDB, SD4P-MDB<br>SD04-MDI, SD4P-MDI                                             | Orbit with Licensed Narrowband<br>L4E: 406.1 to 470 MHz                        |
| SD04,<br>SD4P | 4C: 450-515 MHz | Standard<br>Australia<br>New Zealand<br>RED Compliant | SD04-MDC, SD4P-MDC<br>SD04-MDF, SD4P-MDF<br>SD04-MDG, SD4P-MDG<br>SD04-MDJ, SD4P-MDJ | Orbit with Licensed Narrowband<br>L4E: 406.1 to 470 MHz<br>L4C: 450 to 520 MHz |
| SD09,<br>SD9P | 9C: 928-960 MHz | Standard                                              | SD09-MDC, SD49-MDC                                                                   | Orbit with Licensed Narrowband<br>L9C: 896-960 MHz (NAM)                       |

We encourage customers to consider the significant networking and cybersecurity benefits of the MDS Orbit and to begin to plan an upgrade to their MDS SD Series networks. The MDS SD Series is in a maintenance phase, managing component obsolescence with updates to firmware and hardware only as necessary, and is not recommended for greenfield installations.

## Support

GE Vernova warranty provision is unaffected by this End-of-Manufacturing/Supply Notification. After the published last order dates elapse, a repair service follows for items no longer under warranty subject to availability that includes repairing failed components or modules, but not to providing advance replacements or a new product or module as a replacement or spare. Customers should contact us if they need further information concerning the level of service that is provided on a per offering basis.

## Recommended Alternatives

The GE Vernova wireless product line has a long history offering products with active lifespans greater than 15 years, and often provides backward compatibility between new technologies and existing legacy products, extending the life of the network. The MDS SD Series, first released in 2007, provided a migration path for legacy transparent radios to digital FSK modems and Ethernet connectivity. In turn, the MDS Orbit with Licensed Narrowband (LN) provides migration from SD networks to high performance QAM modems, advanced media access control, and cyber secure layer 3 networking. Visit our website at <https://www.gevernova.com/grid-solutions/communications/wireless.htm> for more information about MDS Orbit or other wireless alternatives.

Orbit with Licensed Narrowband (LN) is available covering most of the frequencies supported by the SD Series. The Orbit MCR and ECR with LN offers backward compatible FSK modems<sup>2</sup> for interoperability with x710 and SD networks. Both “transparent” and “Packet with MAC” operation (as a remote) is supported, as well as migration to LN QAM operation. Contact your Sales Representative for more information.

## For Further Assistance

For questions or further product support, please contact the GE Vernova support team using:

| Region                                  | E-mail                 | Telephone        |
|-----------------------------------------|------------------------|------------------|
| Global Contact Centre                   | GA.support@ge.com      | +44 1785 250070  |
| Central, East Asia, Pacific             | GA.supportCEAP@ge.com  | +65 6749 0777    |
| India                                   | GA.supportIND@ge.com   | +91 44 2264 8000 |
| Middle East, North Africa, Turkey       | GA.supportMENAT@ge.com | +971 429 9666    |
| Europe, Russia, CIS, Sub-Saharan Africa | GA.supportERCIS@ge.com | +34 94 485 8854  |
| North America                           | GA.supportNAM@ge.com   | +1 877 605 6777  |
| Latin America                           | GA.supportLAM@ge.com   | +55 48 2108 0300 |

<sup>1</sup> GE Vernova reserves the right to modify the aforementioned plans at its sole discretion subject to variations in the market conditions and other factors.

<sup>2</sup> Legacy analog and “b-modem” are obsolete and will not be carried forward in MDS products. Customers should prioritize upgrade of these networks.