

## PRODUCT NOTICE # PCN-1020-01 rev A1

Date Issued	4 December 2020
Products Affected	<b>Parvus DuraMAR 5915, DuraMAR 31-5915 and DuraWORX 8043</b>
Purpose of Notification	<b><u>END OF LIFE NOTICE</u></b> <b>Last Time Buy Notice</b> <b>Product Migration Options</b>

**SUMMARY**

*This is notification for the planned End of Life (EOL) of all Cisco ESR-5915 router based products, including the Parvus DuraMAR 5915 router (0X, -2X, and -3X variants), DuraMAR 31-5915 router, and DuraWORX 8043 router + computer. The last day to order the affected products is 15 November 2021. New orders are non-cancellable and non-returnable. All products must be shipped by 15 May 2022. The announcement is made in advance of the ESR-5915 Cisco technology becoming obsolete, in order to allow customers to assess any potential impacts, provide time to order sufficient products to maintain long-term program requirements, and/or to allow for a managed product migration to a new product.*

**KEY DATE SUMMARY**

<b>End of Sale Announcement</b>	4 December 2020
<b>Last Time Buy Date</b>	<b>15 November 2021</b>
<b>Last Time Ship Date</b>	15 May 2022
<b>End of Service/Support Date</b>	15 May 2023

**REASON FOR EOL**

Cisco Systems has informed Curtiss-Wright of its plans to end of sale the 5915 Embedded Services Router card (ESR-5915), a key component in the DuraMAR 5915, DuraMAR 31-5915 and DuraWORX 8043 systems. The ESR-5915 card will soon be reaching 10 years of lifecycle, and Cisco has introduced the ESR-6300 card as a next-generation replacement.

**ACTION REQUIRED / PRODUCT MIGRATION OPTIONS**

Curtiss-Wright encourages customers to assess program requirements and make last time purchases no later than 15 November 2021.

Customers may alternatively consider a planned migration to the new [DuraMAR 6300 router](#), which integrates Cisco's ESR-6300 router card in a smaller form factor chassis half the size and weight of the legacy DuraMAR 5915-0X router with 10X the routing throughput. More details on this product are found in the last section of this notice.

For customers of the DuraMAR 5915-1X, 2X or 3X models, which integrate both a router and a switch into a single stackable chassis, Curtiss-Wright is roadmapping a new rugged all-Cisco IOS-XE router + switch combo system called the DuraMAR 6300+3300, which will combine the proven Cisco ESR-6300-based DuraMAR 6300 and Cisco ESS-3300-based DuraNET 3300 Line Replaceable Unit (LRUs) into a stackable chassis form factor with the same mounting holes as legacy 5915 systems. It is anticipated that Early Access Unit (EAU) samples of this new



combo system will become available before the DuraMAR 5915 goes EOL in late 2021. More details on this product are found in the last section of this notice.

For DuraWORX 8043 customers, the standalone DuraCOR 8043 mission computer will continue to be manufactured, as well as the DuraNET 20-10 Ethernet switch, which was integrated in some DuraWORX models. Customers may consider either a migration to a more distributed architecture with separate computer, switch and router LRUs, consider the roadmapped DuraMAR 6300+3300 system with a separate DuraCOR computer, or transition to a DuraCOR 8043 computer integrated with a DuraNET 20-10 switch and a separate DuraMAR 6300 router LRU. In all cases, these computer, switches, routers, and combo systems will meet or exceed all MIL-STD and DO-160 environmental, EMI, and power qualifications of legacy 5915-based solutions.

### AFFECTED PRODUCTS

**All Parvus DuraMAR 5915, DuraMAR 31-5915 and DuraWORX products with part numbers beginning with “MAR-5915”, “DUMAR-31-5915” or “W8043”...and all variants:**

<b>DuraMAR 5915</b>	
<u>Ordering Codes</u>	<u>Description</u>
MAR-5915-00	DuraMAR 5915 Mobile Router (2x FE Routed, 3x FE Switched), Base Enterprise IOS
MAR-5915-01	DuraMAR 5915 Mobile Router (2x FE Routed, 3x FE Switched), Adv. Enterprise IOS
MAR-5915-01-BO	DuraMAR 5915 Mobile Router (2x FE Routed, 3x FE Switched), Cisco Advanced Enterprise IOS, ESS Tested
MAR-5915-01BZ	DuraMAR 5915 Mobile Router (2x FE Routed, 3x FE Switched), Adv. Enterprise IOS, Black Zinc Connector Finish
MAR-5915-01-OD	DuraMAR 5915 Mobile Router (2x FE Routed, 3x FE Switched), Cisco Advanced Enterprise IOS, OD Connectors
MAR-5915-02	DuraMAR 5915 Mobile Router (2x FE Routed, 3x FE Switched), Adv. Enterprise IOS, CME-5 Users
MAR-5915-03	DuraMAR 5915 Mobile Router (2x FE Routed, 3x FE Switched), Adv. Enterprise IOS, CME-25 Users
MAR-5915-04	DuraMAR 5915 Mobile Router (2x FE Routed, 3x FE Switched), Adv. Enterprise IOS, CME-48 Users
MAR-5915-20	DuraMAR 5915 Router w/ESS2020 Switch(MAR-5915-00+DUNET-30-2020-01), 2020LANBase IOS, 5915 BaseIOS
MAR-5915-21	DuraMAR 5915 Router w/ESS2020 Switch(MAR-5915-01+DUNET-30-2020-01), 2020LANBase IOS, 5915 AdvIOS
MAR-5915-22	DuraMAR 5915 Router w/ESS2020 Switch(MAR-5915-02+DUNET-30-2020-01), 2020LANBase IOS, 5915 AdvIOS CME5
MAR-5915-23	DuraMAR 5915 Router w/ESS2020 Switch(MAR-5915-03+DUNET-30-2020-01), 2020LANBase IOS, 5915 AdvIOS CME25
MAR-5915-24	DuraMAR 5915 Router w/ESS2020 Switch(MAR-5915-04+DUNET-30-2020-01), 2020LANBase IOS, 5915 AdvIOS CME48
MAR-5915-30	DuraMAR 5915 Router w/DuraNET 20-10 GbE Switch(MAR-5915-00+DUNET-20-10-01), 5915 BaseIOS
MAR-5915-31	DuraMAR 5915 Router w/DuraNET 20-10 GbE Switch(MAR-5915-01+DUNET-20-10-01), 5915 AdvIOS






MAR-5915-31-AB	DuraMAR 5915 Router w/integrated DuraNET 20-10 GbE Switch, 5915 Advanced Enterprise IOS v15.8(3)M0a, 20-10 SW v1.05, locked BOM
MAR-5915-31-CAD	DuraMAR 5915 Router w/DuraNET 20-10 GbE Switch (MAR-5915-01+DUNET-20-10-01), 5915 AdvIOS, Cadmium connector finish
MAR-5915-32	DuraMAR 5915 Router w/DuraNET 20-10 GbE Switch(MAR-5915-02+DUNET-20-10-01), 5915 AdvIOS CME5
MAR-5915-33	DuraMAR 5915 Router w/DuraNET 20-10 GigE Switch(MAR-5915-03+DUNET-20-10-01), 5915 AdvIOS CME25
MAR-5915-34	DuraMAR 5915 Router w/DuraNET 20-10 GbE Switch(MAR-5915-04+DUNET-20-10-01), 5915 AdvIOS CME48
<b>DuraMAR 31-5915</b>	
DUMAR-31-5915-00	DuraMAR 31-5915 IP67 Rugged Mobile Router, M12, Base Enterprise IOS
DUMAR-31-5915-01	DuraMAR 31-5915 IP67 Rugged Mobile Router, M12, Adv. Enterprise IOS
DUMAR-31-5915-02	DuraMAR 31-5915 IP67 Rugged Mobile Router, M12, Adv. Enterprise IOS, CME-5 Users
DUMAR-31-5915-03	DuraMAR 31-5915 IP67 Rugged Mobile Router, M12, Adv. Enterprise IOS, CME-25 Users
DUMAR-31-5915-04	DuraMAR 31-5915 IP67 Rugged Mobile Router, M12, Adv. Enterprise IOS, CME-50 Users
DUMAR-31-5915-10	DuraMAR 31-5915 IP67 Rugged Mobile Router, RJ-45, Base Enterprise IOS
DUMAR-31-5915-11	DuraMAR 31-5915 IP67 Rugged Mobile Router, RJ-45, Adv. Enterprise IOS
DUMAR-31-5915-12	DuraMAR 31-5915 IP67 Rugged Mobile Router, RJ-45, Adv. Enterprise IOS, CME-5 Users
DUMAR-31-5915-13	DuraMAR 31-5915 IP67 Rugged Mobile Router, RJ-45, Adv. Enterprise IOS, CME-25 Users
DUMAR-31-5915-14	DuraMAR 31-5915 IP67 Rugged Mobile Router, RJ-45, Adv. Enterprise IOS, CME-50 Users
DUMAR-31-5915-00	DuraMAR 31-5915 IP67 Rugged Mobile Router, M12, Base Enterprise IOS
<b>DuraWORX 8043</b>	
W8043-0022-31B	Parvus DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, Cisco 5915 Router-AdvIOS, DuraNET 20-10 Switch, 200ms Power Hold-up Segment, 2-slot Remov 2.5" SSD Segment, ESS-Tested
W8043-0D0-5915-01	DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, 64GB mSATA-Linux, C5915 Router-AdvIOS (C8043-0D0+MAR-5915-01)
W8043-0D0-5915-21	DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, 64GB mSATA, Cisco 5915 Router-AdvIOS, integrated DuraNET 30-2020 Switch (C8043-0D0+MAR-5915-01+DUNET-30-2020-01)
W8043-0D0-5915-31	DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, 64GB mSATA, Cisco 5915 Router-AdvIOS, DuraNET 20-10 GbE Switch (C8043-0D0+MAR-5915-01+NET-20-10-01)
W8043-0E6-100	DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, 64GB mSATA, 100K Insertion Two-Slot Removable 2.5" SSD Segment, Cisco 5915 Router-AdvIOS, DuraNET 30-2020 Switch (C8043-006+MAR-5915-01+DUNET-30-2020-01) w/ Zeroize pin on DuraCOR routed to both drive bay circuits.
W8043-0K6-5915-01	DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, 512GB mSATA SSD-Linux, C5915 Router-AdvIOS, 100K Insertion Two-Slot Removable 2.5" SSD segment
W8043-0M6-5915-01	DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, 1TB mSATA SSD-Linux, C5915 Router-AdvIOS, 100K Insertion Two-Slot Removable 2.5" SSD segment
W8043-1K6-591501-1	DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, 512GB mSATA SSD-Linux, 1x PC104 Expansion Segment, C5915 Router-AdvIOS, 2-Channel 1553 DDC

	mini-PCIe, 4 TX/RX + 2 RX 429 DDC mini-PCIe, 100K Insertion Two-Slot Removable 2.5" SSD segment
W8043-1M6-591501-1	DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, 1TB mSATA SSD-Linux, 1x PC104 Expansion Segment, C5915 Router-AdvIOS, 2-Channel 1553 DDC mini-PCIe, 4 TX/RX + 2 RX 429 DDC mini-PCIe, 100K Insertion Two-Slot Removable 2.5" SSD segment
W8043-0022-31B	Parvus DuraWORX 8043, Xeon E3v5, 32GB RAM-ECC, Cisco 5915 Router-AdvIOS, DuraNET 20-10 Switch, 200ms Power Hold-up Segment, 2-slot Remov 2.5" SSD Segment, ESS-Tested

## PRODUCT MIGRATION REFERENCE:

Following table compares key specifications of the legacy DuraMAR 5915 against the new DuraMAR 6300 router and roadmapped DuraMAR 6300+3300\* router + switch. For more details on these products, please contact your sales representative.

	5915 (-0X / -1X / -2X / -3X variants)	6300	6300+3300 *
			
<b>Cisco Technology</b>	ESR-5915	ESR-6300	ESR-6300 + ESS-3300
<b>Cisco IOS</b>	Classic IOS (Base / Advanced)	IOS-XE (Network Essentials / Network Advantage)	
<b>Total Ethernet Bandwidth</b>	500 Mbps (-0X) / 15,400 Mbps (-1X) / 4,600 Mbps (-2X) / 19,400 Mbps (-3X)	6,000 Mbps	47,000 Mbps (+ 1,000 Mbps more internally between router + switch)
<b>Total # of Ethernet ports</b>	5x (-0X) / 23x (-2X, -3X)	6x	30x external (+2x internal)
<b>10 Gigabit Ethernet Ports</b>	None	None	2x 10GBaseSR
<b>1 Gigabit Ethernet Ports</b>	0x 1G (-0X) / 15x (-1X) / 2x 1G (-2X) / 19x 1G (-3X)	6x 1G	28x 1G external (+2x internal between router + switch)
<b>10/100 Ethernet ports</b>	5x (-0X) / 4x (-1X) / 21x (-2X) / 4x (-3X) 10/100	None	None
<b>PowerOverEthernet</b>	No	No	Yes, PoE / PoE+ up to 125W
<b>Routing (aggreg throughput)</b>	Up to 200 Mbps	Up to 2,000 Mbps	
<b>IPSEC Routing throughput</b>	~15 Mbps	Up to ~440 Mbps	
<b>MACSec throughput</b>	Not supported	Not supported	Up to 23,000 Mbps
<b>Cybersecurity evaluations of Cisco technology</b>	Zeroize, IOS security; FIPS 140-2, NIAP, CSfC evaluations on Cisco ESR-5915	Secure Boot, IOS security, Zeroize; FIPS, NIAP, CSfC evaluations on ESR-6300	MACSec, Secure Boot, IOS security, Zeroize; FIPS 140-2, NIAP, CSfC evaluations on ESS-3300 and ESR-6300



<b>Physical Form Factor Size</b>	6.75" D x 6.25" W x 2.66" H (-0X) 6.75" D x 6.25" W x 4.66" H (-1X) 6.75" D x 6.25" W x 5.0" H (-02) 6.75" x 6.25" x 4.75" (-03)	5.2" D x 5.4" W x 2.0" H (13.2 x 13.6 x 5.1 cm)	6.75" D x 6.25" W x 5.78" H (17 x 15.9 x 14.7cm) Estimated
<b>Weight</b>	4.0 lb (1.8 kg) / 7.4 lb (3.35 kg) / 9 lb. (4.08 kg) / 8.0 lb (3.6kg)	2.0 lb (0.91 kg)	8.0 lb (3.6kg) Estimated
<b>Power Consumption</b>	15 W (-0X) / 50 W (-1X) / 30 W (-2X) / 35 W (-3X)	25 W	~75 W (no PoE); ~235 W (with PoE injection)
<b>Power Compliance</b>	MIL-STD-1275, MIL-STD-704, DO-160	MIL-STD-1275, MIL-STD-704, DO-160 (+ power transfer – 50ms hold-up)	
<b>Environmental Compliance</b>	MIL-STD-810; some DO-160 qual testing	MIL-STD-810 and DO-160 (more extensive tests)	
<b>EMI Compliance</b>	MIL-STD-461; some DO-160 testing	MIL-STD-461 and DO-160 (more extensive tests)	
<b>Connectors</b>	MIL-DTL-3999s	Micro-miniature 38999s (Mighty Mouse)	

\* Note: specifications for roadmapped DuraMAR 6300+3300 subject to change.

## CONTACT US

To minimize impact on customer programs, Curtiss-Wright encourages its customers to work with your sales account managers to evaluate individual program needs, schedules, and technical requirements. Factory contact information follows:

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