

October 31, 2013

Dear Valued Customer,

This letter serves as your formal notification that Belden is initiating the End of Life process for the **GarrettCom DynaStar Terminal Server** product family. The key milestones and affected part numbers are listed in this letter. The objective of providing this notice is to allow for appropriate planning and the opportunity for last time purchases, as well as to suggest alternative products. For more information on Belden's end-of-life policy for Industrial Networking products, please visit www.belden.com/eol.

The standard warranty terms will be honored for all units shipped up to the Last Shipment Date. Orders placed between the Announcement Date and the Last Order Date are non-cancelable and non-refundable.

End of Life Milestones

Milestone	Date
End of Life Announcement Date	October 31, 2013
Last Order Date	July 31, 2014
Last Shipment Date	October 31, 2014
Last Service Date	October 31, 2015

Special contracts in place and active prior to the Announcement Date with regard to product availability, warranty, or support terms will be honored according to the terms of that contract. Belden will make every effort to have the products available for purchase until the Last Order Date; however, there may be situations where material constraints cause the supply to be exhausted sooner.

End-of-Life Product(s)

EOL Product Family	Description	Suggested Alternative	Description
DynaStar 1500	Ethernet Terminal Server and Frame Router	<ul style="list-style-type: none">• Magnum 10XTS• Magnum DX940• Magnum 10RX	The suggested Terminal Server/Router products could provide viable alternative solutions for DynaStar applications. Please consult your local Belden technical representative for more information.
DynaStar 2000	Ethernet Terminal Server and Frame Router		

A detailed list of all EOL part numbers can be found at the end of this letter.

If you have any questions or for assistance selecting alternative products, please contact your local Belden sales representative ([North America contact information](#) and [International contact information](#)).

Sincerely,



Carey Trost
Director, Product Management

End-of-Life Part Number(s)

DynaStar 1500 Products	
EOL Part Number	Description
DS1500-ETS-01-H	DS1500-ETS, 5TX, 8 RS232 ports, 90-250VAC/DC
DS1500-ETS-01-L	DS1500-ETS, 5TX, 8 RS232 ports, 24-48VDC
DS1500-ETS-02-H	DS1500-ETS, 3TX, 2FX, 8 RS232 ports, 90-250VAC/DC
DS1500-ETS-02-L	DS1500-ETS, 3TX, 2FX, 8 RS232 ports, 24-48VDC
DS1500-ETS-11-H	DS1500-ETS, 5TX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-ETS-11-L	DS1500-ETS, 5TX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-ETS-12-H	DS1500-ETS, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-ETS-12-L	DS1500-ETS, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-IFR-01-H	DS1500-IFR, 1 DDS, 5TX, 8 RS232 ports, 90-250VAC/
DS1500-IFR-01-L	DS1500-IFR, 1 DDS, 5TX, 8 RS232 ports, 24-48VDC
DS1500-IFR-02-H	DS1500-IFR, 1 DDS, 3TX, 2FX, 8 RS232 ports, 90-250VAC/DC
DS1500-IFR-02-L	DS1500-IFR, 1 DDS, 3TX, 2FX, 8 RS232 ports, 24-48VDC
DS1500-IFR-03-H	DS1500-IFR, 1 T1/E1, 5TX, 8 RS232 ports, 90-250VAC/DC
DS1500-IFR-03-L	DS1500-IFR, 1 T1/E1, 5TX, 8 RS232 ports, 24-48VDC
DS1500-IFR-04-H	DS1500-IFR, 1 T1/E1, 3TX, 2FX, 8 RS232 ports, 90-250VAC/DC
DS1500-IFR-04-L	DS1500-IFR, 1 T1/E1, 3TX, 2FX, 8 RS232 ports, 24-48VDC
DS1500-IFR-11-H	DS1500-IFR, 1 DDS, 5TX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-IFR-11-L	DS1500-IFR, 1 DDS, 5TX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-IFR-12-H	DS1500-IFR, 1 DDS, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-IFR-12-L	DS1500-IFR, 1 DDS, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-IFR-13-H	DS1500-IFR, 1 T1/E1, 5TX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-IFR-13-L	DS1500-IFR, 1 T1/E1, 5TX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-IFR-14-H	DS1500-IFR, 1 T1/E1, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-IFR-14-L	DS1500-IFR, 1 T1/E1, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-XFR-01-H	DS1500-XFR, 1 DDS, 5TX, 8 RS232 ports, 90-250VAC/DC
DS1500-XFR-01-L	DS1500-XFR, 1 DDS, 5TX, 8 RS232 ports, 24-48VDC
DS1500-XFR-02-H	DS1500-XFR, 1 DDS, 3TX, 2FX, 8 RS232 ports, 90-250VAC/DC
DS1500-XFR-02-L	DS1500-XFR, 1 DDS, 3TX, 2FX, 8 RS232 ports, 24-48VDC
DS1500-XFR-03-H	DS1500-XFR, 1 T1/E1, 5TX, 8 RS232 ports, 90-250VAC/DC
DS1500-XFR-03-L	DS1500-XFR, 1 T1/E1, 5TX, 8 RS232 ports, 24-48VDC
DS1500-XFR-04-H	DS1500-XFR, 1 T1/E1, 3TX, 2FX, 8 RS232 ports, 90-250VAC/DC
DS1500-XFR-04-L	DS1500-XFR, 1 T1/E1, 3TX, 2FX, 8 RS232 ports, 24-48VDC
DS1500-XFR-11-H	DS1500-XFR, 1 DDS, 5TX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/
DS1500-XFR-11-L	DS1500-XFR, 1 DDS, 5TX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-XFR-12-H	DS1500-XFR, 1 DDS, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-XFR-12-L	DS1500-XFR, 1 DDS, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-XFR-13-H	DS1500-XFR, 1 T1/E1, 5TX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-XFR-13-L	DS1500-XFR, 1 T1/E1, 5TX, 4 RS232 ports, 4 RS485 ports, 24-48VDC
DS1500-XFR-14-H	DS1500-XFR, 1 T1/E1, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 90-250VAC/DC
DS1500-XFR-14-L	DS1500-XFR, 1 T1/E1, 3TX, 2FX, 4 RS232 ports, 4 RS485 ports, 24-48VDC

DynaStar 2000 Base Products	
EOL Part Number	Description
DS2000-IFR-01-H	DS2000-IFR 2 DDS, 8TX, 16 RS232 ports, 90-250VAC/DC
DS2000-IFR-01-L	DS2000-IFR 2 DDS, 8TX, 16 RS232 ports, 24-48VDC
DS2000-IFR-02-H	DS2000-IFR 2 DDS, 6TX, 2 FX, 2GIG, 16 RS232 ports, 90-250VAC/DC
DS2000-IFR-02-L	DS2000-IFR 2 DDS, 6TX, 2 FX, 2GIG, 16 RS232 ports 24-48VDC
DS2000-IFR-03-H	DS2000-IFR 2 T1E1, 8TX, 16 RS232 ports, 90-250VAC/DC
DS2000-IFR-03-L	DS2000-IFR 2 T1E1, 8TX, 16 RS232 ports, 24-48VDC
DS2000-IFR-04-H	DS2000-IFR 2 T1E1, 6TX, 2 FX, 2GIG, 16 RS232 ports, 90-250VAC/DC
DS2000-IFR-04-L	DS2000-IFR 2 T1E1, 6TX, 2 FX, 2GIG, 16 RS232 ports, 24-48VDC
DS2000-TS-01-H	DS2000-TS 32 CU RS232 Async , 90-250VAC/DC
DS2000-TS-01-L	DS2000-TS 32 CU RS232 Async , 24-48VDC
DS2000-TS-02-H	DS2000-TS 16 CU RS232, 8 MM Fiber Async , 90-250VAC/DC
DS2000-TS-02-L	DS2000-TS 16 CU RS232, 8 MM Fiber Async , 24-48VDC
DS2000-TS-03-H	DS2000-TS 16 MM Fiber Async , 90-250VAC/DC
DS2000-TS-03-L	DS2000-TS 16 MM Fiber Async , 24-48VDC
DS2000-TS-04-H	DS2000-TS 8 MM Fiber Async , 90-250VAC/DC
DS2000-TS-04-L	DS2000-TS 8 MM Fiber Async , 24-48VDC
DS2000-TS-05-H	DS2000-TS 8 RS485, 8 MM Fiber Async, 90-250 VAC/DC
DS2000-TS-05-L	DS2000-TS 8 RS485, 8 MM Fiber Async, 24-48 VDC
DS2000-TS-06-H	DS2000-TS 16 CU RS232, 8 RS485 , 90-250VAC/DC
DS2000-TS-06-L	DS2000-TS 16 CU RS232, 8 RS485 , 24-48VDC
DS2000-TS-07-H	DS2000-TS 16 CU RS232, 90-250VAC/DC
DS2000-TS-07-L	DS2000-TS 16 CU RS232, 24-48VDC

DynaStar 2000 Modules and Accessories	
EOL Part Number	Description
150-0003-000	DS2000 - DS2000 Base System 90-250V AC P/S
150-0003-006	DS2000 - DS2000 Base System 48V DC P/S
150-2003-000	DS2000 - DS2000 Base System Hardened 90-250V HV P/S
150-2003-006	DS2000 - DS2000 Base System Hardened 16-60V LV P/S
160-0515-01X	DS2000 - 4 Port Sync/Async Expansion Kit (QUAD)
160-0516-010	DS2000 - RS232/V.24 I/O Module
160-0516-020	DS2000 - V.35 I/O Module
160-0516-030	DS2000 - RS422/X.21 I/O Module
160-0516-040	DS2000 - RS485 I/O Module
160-0519-010	DS2000 - T1 RJ48 I/O Module
160-0519-030	DS2000 - E1 RJ48 I/O Module
160-0522-010	DS2000 - RS232/V.24 I/O Module
160-0522-020	DS2000 - V.35 I/O Module
160-0522-030	DS2000 - RS422/X.21 I/O Module
160-0522-040	DS2000 - RS485 I/O Module
160-0533-001	DS2000 - 10BaseT / Level 5 Ethernet Cable 14 Feet
160-0534-001	DS2000 - RJ45/RJ45 Cable, 10 conductor, 10 feet
160-0534-025	DS2000 - RJ45/RJ45 Cable, 10 conductor, 25 feet
160-0536-001	DS2000 - Cable Adapter RS232/RJ45 male, 10 pin
160-0537-001	DS2000 - Cable Adapter RS232/RJ45 female, 10 pin
160-0843-006	DS2000 - SPARE 48V DC Power Supply
160-0956-04X	DS2000 - 16 Port Sync/Async Expansion Kit, I/Os included
160-0956-141	DS2000 - 16 Port Sync/Async Expansion Kit, I/Os included (Use with ECM)
160-0959-090	DS2000 - Ethernet Smart Switch w/12 10 Base FL MM, I/Os incl.
160-0960-01X	DS2000 - 4 Port Sync/Async Expansion Kit (QUAD)
160-0960-03X	DS2000 - 8 Port Sync/Async Expansion Kit
160-0960-111	DS2000 - 4 Port Sync/Async Expansion Kit (QUAD)(Use with ECM)
160-0960-131	DS2000 - 8 Port Sync/Async Expansion Kit (Use with ECM)
160-0961-02X	DS2000 - Dual T1 Nx64 / TI PRI Expansion Kit

160-0961-05x	DS2000 - Dual E1 Nx64 / PRI E1 Expansion Kit
160-0961-09x	DS2000 - Dual T1/E1 Combo Nx64 / PRI Expansion Kit
160-0961-121	DS2000 - Dual T1 Nx64 / TI PRI Expansion Kit(Use with ECM)
160-0961-151	DS2000 - Dual E1 Nx64 / PRI E1 Expansion Kit(Use with ECM)
160-0961-191	DS2000 - Dual T1/E1 Combo Nx64 / PRI Expansion Kit(Use with ECM)
160-0962-020	DS2000 - REDUNDANT 90-250V AC Power Supply
160-0962-030	DS2000 - REDUNDANT 48V DC Power Supply
160-0964-010	DS2000 - DS2000 Dual High Speed WAN Ports
160-0964-021	DS2000 - DS2000 Dual T1 CSU w/RJ48
160-0964-031	DS2000 - DS2000 Dual E1 CSU w/RJ48
160-0964-040	DS2000 - DS2000 T1/E1 CSU (One Port)
160-0964-070	DS2000 - Dual HS WAN Ports w/Integral Dual 56/64k DDS
160-0964-076	DS2000 - High Speed WAN w/ Single Integral DDS
160-0993-001	DS2000 - 23" Rack Mount Adapter Kit, EIA & Telco
160-1150-016	DS2000 - 0 Fiber MM, 16 RS232/V.24
160-1150-212	DS2000 - 2 Fiber MM, 12 RS232/V.24
160-1150-408	DS2000 - 4 Fiber MM, 8 RS232/V.24
160-1150-604	DS2000 - 6 Fiber MM, 4 RS232/V.24
160-1150-800	DS2000 - 8 Fiber MM, 0 RS232/V.24
160-1170-008	DS2000 - 0 Fiber MM, 8 10BaseT
160-1170-012	DS2000 - 0 Fiber MM, 12 10BaseT
160-1170-210	DS2000 - 2 Fiber MM, 10 10BaseT
160-1170-408	DS2000 - 4 Fiber MM, 8 10BaseT
160-1170-604	DS2000 - 6 Fiber MM, 4 10BaseT
160-1170-800	DS2000 - 8 Fiber MM, 10BaseFL
160-1210-00X	DS2000 - Ethernet Smart Switch, Managed, no I/O Modules
160-1220-00X	DS2000 - 16 Port Async ONLY Expansion Kit
160-1220-101	DS2000 - 16 Port Async ONLY Expansion Kit (Use with ECM)
160-1220-301	DS2000 - 16 Port Async Serial Expansion Kit
160-1390-001	DS2000 - Cable Adapter DB15 RS232/RJ45 female, 10 pin
160-1501-001	DS2000 - 16 Port Async Serial Expansion Kit, RS232/V.24 I/Os Incl.
160-1501-102	DS2000 - 16 Port Async Serial Expansion Kit, RS232/V.24 I/Os Incl. ECM
160-E6C2SFPGR	DS2000 - Ethernet Module, 6 TX , 2 FX SFP Sockets, 2 Gig Ready Sockets
160-E8C	DS2000 - Ethernet Module, 8 10/100TX
160-EE8C	DS2000 - DS2000 Ethernet Expansion, 8 10/100TX