

Dear Valued Customer:

The purpose of this letter is to inform you that Moxa is planning to implement a change to certain products. Please review the detailed information given below to determine how these changes will affect your products and/or processes. If you have any questions regarding these changes, please contact the person listed below.

Subject: Product Change Notification for the EDS, PT, IKS, EDR, IEX, and EOM Series

Change Reason: The switching chip and/or power regulator and/or CPLD and/or flash memory used in the products below has been phased-out

Service Level: Basic

Effective Date: May, 2017

Affected Model/Change Reason/Transition Schedule:

Product Series	Change Reason	Target Launch Schedule of new product revision	Note
EDS-208 Series	Switching Chip and power regulator phased out	Nov, 2018	Change description in Appendix I (Page. 4)
EDS-208A Series		Mar, 2018	
EDS-308 Series		Feb, 2018	
EDS-309 Series		Mar, 2018	
EDS-316 Series		Feb, 2018	
PT-7710 Series	Power regulator and CPLD phased out	Aug, 2017	Change description in Appendix II (Page. 8)
EDS-405A Series	Power regulator phased out	Jan, 2019	Change description in Appendix III (Page. 9)
EDS-510A Series		Jun, 2018	
EDS-408A Series (Copper and 2 Fiber model)		Jun, 2018	

EDS-408A Series (3 Fiber Model)		Apr, 2018	
IKS-6700A Series	Power regulator and real time clock phased out	Jul, 2018	Change description in Appendix IV (Page. 14)
PT-7528 Series	Power regulator and flash memory phased out	May, 2018	Change description in Appendix V (Page. 15)
EDS-G500E Series		Aug, 2018	Change description in Appendix VI (Page. 16)
EDS-G512E-8PoE Series		Aug, 2018	
EDS-P510A-8PoE Series	Power regulator phased out	Nov, 2018	Change description in Appendix VII (Page. 17)
EDS-405A-PTP Series		Nov, 2018	
EOM-104 Series		Jan, 2018	
IM-G7000A Series		Aug, 2018	Change description in Appendix VIII (Page. 18)
EDS-505A Series		Feb, 2019	Change description in Appendix IX (Page. 19)
EDS-508A Series	Feb, 2019		
EDR-810 Series	Power regulator and flash memory phased out	Nov, 2018	Change description in Appendix X (Page. 23)

Note: We will do a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales for each product series.

Note: If you have any questions, please contact jackeynn.hsueh@moxa.com or your regional sales contact.

Revision history :

Version	Revised description summary	Date
1.0	Add EDS-208/208A/308/309/316 change description	2017/04/26
1.1	Add PT-7710 change description	2017/05/24
1.2	<ul style="list-style-type: none"> ● Update product transition schedule: <ul style="list-style-type: none"> ■ EDS-208/208A/210A/308/309/316/P308 ■ EDS-500A/P506A/P510/P510A/G500E/G512E-8PoE ■ EDR-810 ■ IKS-6700A/IM-G7000A ● Update the status of regulatory approval: <ul style="list-style-type: none"> ■ EDS-208/208A/308/309/316 ■ PT-7710 ● Update EDS-208A Series copper LED position change ● Add change description of EDS-405A/408A/510A 	2017/08/14
1.3	<ul style="list-style-type: none"> ● Update whole product transition schedule ● Update the status of regulatory approval: <ul style="list-style-type: none"> ■ EDS-208/208A/308/309/316 ■ EDS-405A/408A/510A ● Update product package; CD removed on EDS-405A/408A/510A ● Update new wall mount kit: WK-46-01 ● Add change description of PT-7528 and IKS-6700A Series 	2017/11/22
1.4	<ul style="list-style-type: none"> ● Update product transition schedule ● Update status of regulatory approval ● Add change description of IM-G7000A, EDS-G500E, EDS-G512E-8PoE, EDS-P510A-8PoE, EOM-104, EDS-405A-PTP, EDS-505A, EDS-508A, and EDR-810 Series ● Update ST fiber connector material change from metal to plastic: EDS-308, EDS-309, EDS-405A, EDS-505A, and EDS-508A Fiber ST models 	2017/03/21
1.5	<ul style="list-style-type: none"> ● Update status of regulatory approval ● Update the operating temperature of standard temperature models: EDS-308, EDS-309, EDS-316, EDS-405A, EDS-408A, EDS-505A, EDS-508A, EDS-510A Series 	2019/05/30

----- Appendix I -----

Change Description:

1. All the models in the EDS-208 Series, EDS-208A Series, EDS-308 Series, EDS-309 Series, and EDS-316 Series will undergo product revisions as detailed below because the switching chip and power regulator used in the current versions are being phased out.

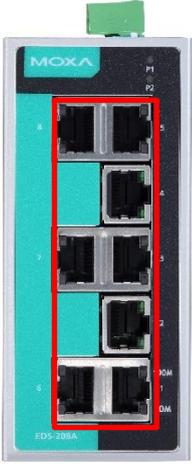
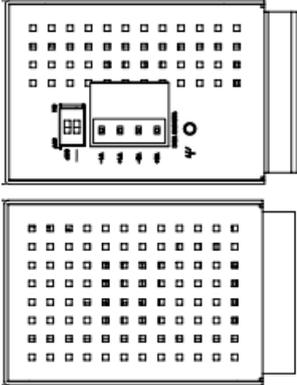
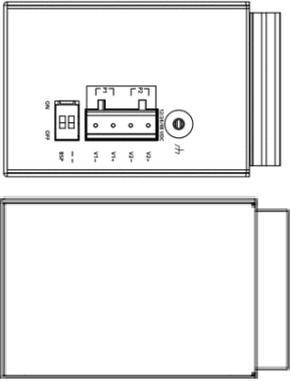
Model Series	Current Version	New Version
EDS-208 Series	V1.2.1	V2.0.0
EDS-208A Series	V1.2.0	V2.0.0
EDS-308 Series	V2.3.0	V3.0.0
EDS-309 Series	V1.3.0	V1.4.0
EDS-316 Series	V2.1.0	V2.2.0

2. Product specification change:

- Remove 24 VAC input voltage: EDS-208 Series and EDS-208A Series
- Add 12/48 VDC input voltage: EDS-308 Series and EDS-309 Series
- For the EDS-308/309 fiber model, the ST connector material will change from metal to plastic.
- Increase MAC table and packet buffer size: EDS-208 Series, EDS-208A Series, and EDS-308 Series
- EDS-208A/308/309/316 will have an enhanced wall-mount kit, WK-46-01, to replace WK-46.
- Change operating temperature of standard model: EDS-308, 309, and 316 Series
- For detailed specs please refer to the table below:

Series	Product Revision	Input Voltage	MAC table size	Packet buffer size	Fiber Model ST Connector Material	Standard Operating Temperature	Outlook Layout Change
EDS-208 Series	V1.2.1	24 VDC/VAC	1k	512k bit	Plastic	-10 to 60°C	N/A
	V2.0.0	24 VDC	2k	768k bit	Plastic	-10 to 60°C	N/A
EDS-208A Series	V1.2.0	12/24/48 VDC, 24VAC	1k	512k bit	Plastic	-10 to 60°C	N/A
	V2.0.0	12/24/48 VDC	2k	768k bit	Plastic	-10 to 60°C	Yes
EDS-308 Series	V2.3.0	24 VDC	1k	512k bit	Metal	0 to 60°C	N/A
	V3.0.0	12/24/48 VDC	2k	768k bit	Plastic	-10 to 60°C	Yes
EDS-309 Series	V1.3.0	24 VDC	1k	512k bit	Metal	0 to 60°C	N/A
	V1.4.0	12/24/48 VDC	1k	512k bit	Plastic	-10 to 60°C	N/A
EDS-316 Series	V2.1.0	12/24/48 VDC	4k	1.25M bit	Plastic	0 to 60°C	N/A
	V2.2.0	12/24/48 VDC	4k	1.25M bit	Plastic	-10 to 60°C	N/A

- The EDS-208A Series appearance has changed as shown in the picture below:

Model Series	EDS-208A Series V1.2.0	EDS-208A Series V2.0.0
EDS-208A EDS-208A-M-SC EDS-208A-M-ST EDS-208A-S-SC EDS-208A-MM-SC EDS-208A-MM-ST EDS-208A-SS-SC		 <ol style="list-style-type: none"> 1. All of the copper port LEDs will be embedded in the copper port module and have 100 m/10 m LEDs. 2. For the 100M LED, the color will change from amber to green. 3. The height of EDS-208A will change from 115 mm to 114 mm.
		 <ol style="list-style-type: none"> 1. Remove all orifices on the top and bottom panels

- The EDS-308 Series copper ports and LEDs have changed as shown in the picture below:

Model Series	EDS-308 Series V2.3.0	EDS-308 Series V3.0.0
<p>EDS-308 (Full copper)</p>		 <ol style="list-style-type: none"> 1. Change position of the LEDs. 2. Copper ports 1 to 6 combine to one component. 3. Copper ports 7 and 8 change position to the upper left.
<p>EDS-308-M-SC EDS-308-S-SC EDS-308-S-SC-80 EDS-308-MM-SC EDS-308-SS-SC EDS-308-SS-SC-80 (1 or 2 fiber ports with 6 or 7 copper ports.)</p>		 <ol style="list-style-type: none"> 1. Change position of the LEDs. 2. Copper ports 1 to 6 combine to one component.

3. There are no other changes in the product's form, fit, or functionalities.

4. The expected timeline for getting the related regulatory approvals for the new version of products mentioned in this document are shown in the table below:

Model Series	CE/FCC	UL60950-1	UL508	EN 50121-4	ATEX and C1D2	Marine	KC	
EDS-208 Series V2.0.0	Ready	Ready	Ready	N/A	N/A	N/A	Ready	
EDS-208A Series V2.0.0		N/A		Ready	Ready	DNV-GL, NKK: Ready ABS, LR: 2019/Q4	Ready	
EDS-308 Series V3.0.0		Ready		Ready	N/A	Ready	IEC 60945 EMC: Ready	Ready
EDS-309 Series V1.4.0					N/A			N/A
EDS-316 Series V2.2.0					N/A	Ready	DNV-GL: Ready	Ready

Delivery Schedule:

Model Series	Launch Date	Transition Method
EDS-208 Series V2.0.0	2018/11/15	Running Change
EDS-208A Series V2.0.0	2018/03/16	
EDS-308 Series V3.0.0	2018/02/23	
EDS-309 Series V1.4.0	2018/03/09	
EDS-316 Series V2.2.0	2018/02/23	

We will keep supplying current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix II -----

Change Description:

1. The PT-7710 Series will undergo a product revision as detailed below because of SDRAM supplier change, and the power regulator and CPLD will be phased out.

Model Series	Current Version	New Version
PT-7710 Series	V1.2.1	V1.3.0

2. There are no other changes in the PT-7710's form, fit, or functionalities.
3. The expected timeline for getting the related regulatory approvals for the products mentioned in this document are shown in the table below:

Model Series	UL 60950-1	IEC 60950-1
PT-7710 Series V1.3.0	Ready	Ready

Delivery Schedule:

Model Series	Launch Date	Transition Method
PT-7710 Series V1.3.0	2017/08/31	Running Change

We will keep supplying current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix II End -----

----- Appendix III -----

Change Description:

1. All of the EDS-405A Series, EDS-408A Series, and EDS-510A Series will undergo product revisions as detailed below because the power regulator used in the current versions is being phased out.

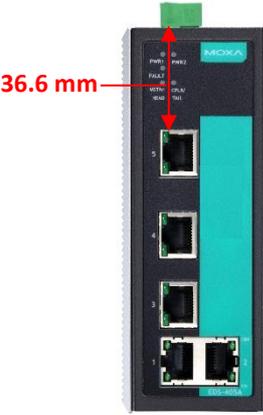
Model Series	Current Version	New Version
EDS-405A Series	V1.2.2	V2.0.0
EDS-408A all copper or 2 fiber Series	V1.4.2	V2.0.0
EDS-408A 3 fiber Series	V1.4.2	V1.5.0
EDS-510A Series	V1.3.2	V2.0.0

2. Product specification change:

- Add 12/48 VDC input voltage: EDS-405A Series, and EDS-408A Series.
- For EDS-405A fiber model, ST connector material will change from metal to plastic.
- EDS-405A/408A/510A Series will have an enhanced wall-mount kit, WK-46-01, to replace WK-46.
- Change the operating temperature of standard models: EDS-405A, 408A, and 510A Series
- Product CD will be removed from the package in the new version.

Series	Product Revision	Input Voltage	Fiber Model ST Connector Material	Standard. Operating Temperature	Outlook Layout Change
EDS-405A Series	V1.2.2	24 VDC	Metal	0 to 60°C	N/A
	V2.0.0	12/24/48 VDC	Plastic	-10 to 60°C	Yes
EDS-408A Series (Copper and 2 Fiber)	V1.4.2	24 VDC	Plastic	0 to 60°C	N/A
	V2.0.0	12/24/48 VDC	Plastic	-10 to 60°C	Yes
EDS-408A Series (3 Fiber)	V1.4.2	24 VDC	Plastic	0 to 60°C	N/A
	V1.5.0	12/24/48 VDC	Plastic	-10 to 60°C	N/A
EDS-408A-3S-SC-48 Series	V1.4.2	±24/±48 VDC	N/A	0 to 60°C	N/A
	V1.5.0	±24/±48 VDC	N/A	-10 to 60°C	N/A
EDS-510A Series	V1.3.2	24 VDC	N/A	0 to 60°C	N/A
	V2.0.0	24VDC	N/A	-10 to 60°C	Yes

- The EDS-405A Series copper/fiber ports and LEDs have changed as shown in the picture below:

Model Series	EDS-405A Series V1.2.2	EDS-405A Series V2.0.0
EDS-405A (Full copper)	 <p>15.25 mm</p>	 <p>36.6 mm</p> <ol style="list-style-type: none"> 1. Change position of the LEDs. 2. Copper ports 4 and 5 have changed position 3. Change copper port facing direction
EDS-405A-MM-SC, EDS-405A-MM-ST, EDS-405A-SS-SC (EDS-405A 2 Fiber Models)	 <p>10.45 mm</p>	 <p>31.8 mm</p> <ol style="list-style-type: none"> 1. Change position of the LEDs. 2. Fiber ports 4 and 5 have changed position

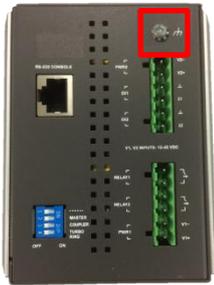
- The EDS-408A Series copper/fiber ports have changed as shown in the picture below:

Model Series	EDS-408A Series V1.4.2 (Copper and 2 Fiber Models)	EDS-408A Series V2.0.0 (Copper and 2 Fiber Models)
EDS-408A EDS-408A-MM-SC EDS-408A-MM-ST EDS-408A-SS-SC		<p>1. Copper/fiber ports 1 to 8 have changed position</p>

- The EDS-408A 3 fiber Series wall mounting dimension has changed as shown in the picture below:

Model Series	Dimension comparison	Dimension comparison with DIN-rail kit (WK-46/WK-46-01)
EDS-408A-3M-ST EDS-408A-3M-SC EDS-408A-3S-SC EDS-408A-3S-SC-48 EDS-408A-1M2S-SC EDS-408A-2M1S-SC	<p>1. The original screw holes have moved 1.7 mm towards the center of the device</p> <p>2. An additional screw hole has been added.</p>	<p>1. The original screw holes have moved 1.7 mm towards the center of the device.</p>

- The EDS-510A Series ground screw has changed as shown in the picture below:

Model Series	EDS-510A Series V1.3.2	EDS-510A Series V2.0.0
EDS-510A-3GT EDS-510A-1GT2SFP EDS-510A-3SFP		 1. Ground screw has changed position to the upper right

- There are no other changes in the product's form, fit, or functionalities.
- The expected timeline for getting the related regulatory approvals for the products mentioned in this document are shown in the table below:

Model Series	CE/FCC	UL 508	UL 60950-1	EN 50121-4	ATEX and C1D2	Marine	NEMA TS2
EDS-405A Series V2.0.0	Ready	Ready	Ready	N/A	Ready	DNV-GL, NKK: Ready	Ready
EDS-408A Series V2.0.0 (All Copper and 2 Fiber)	Ready	Ready	Ready	Ready	Ready	DNV-GL, NKK: Ready ABS, LR: 2019/Q4	Ready
EDS-408A Series V1.5.0 (3 Fiber)	Ready	Ready	N/A	Ready	N/A		
EDS-510A Series V2.0.0	Ready	Ready	Ready	Ready	Ready	IEC 60945 EMC: Ready	Ready

Delivery Schedule:

Model Series	Launch Date	Transition Method
EDS-405A Series V2.0.0	2019/01/11	Running Change
EDS-408A Series V2.0.0 (All Copper and 2 Fiber)	2018/06/29	
EDS-408A Series V1.5.0 (3 Fiber)	2018/04/27	
EDS-510A Series V2.0.0	2018/06/29	

We will keep supplying current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix III End -----

----- Appendix IV -----

Change Description:

1. The IKS-6700A Series will undergo a product revision as detailed below because the power regulator and RTC will be phased out.

Model Series	Current Version	New Version
IKS-6726A Series	V1.2.0	V1.3.0
IKS-6728A Series	V1.2.0	V1.3.0
IKS-6728A-8PoE Series	V1.2.0	V1.3.0

2. There are no other changes in the IKS-6700A's form, fit, or functionalities.
3. The status of the related regulatory approvals for the products mentioned in this document are shown in the table below:

Model Series	UL 60950-1	IEC 60950-1
IKS-6700A Series V1.3.0	Ready	Ready
IKS-6728A Series V1.3.0	Ready	Ready
IKS-6728A-8PoE Series V1.3.0	Ready	Ready

Delivery Schedule:

Model Series	Launch Date	Transition Method
IKS-6700A Series V1.3.0	2018/07/20	Running Change
IKS-6728A Series V1.3.0	2018/07/20	Running Change
IKS-6728A-8PoE Series V1.3.0	2018/07/20	Running Change

We will keep supplying current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix IV End -----

----- Appendix V -----

Change Description:

1. The PT-7528 Series will undergo product revisions as detailed below because the power regulator and flash memory used in the current versions is being phased out.

Model Series	Current Version	New Version
PT-7528-TX Series	V2.0.1	V3.0.0
PT-7528-FX Series	V1.0.1	V2.0.0

2. New product versions (PT-7528-TX rev. V3.0.0 and later; PT-7528-FX rev. V2.0.0 and later) are only compatible with firmware version V4.0 and later. Previous product versions (PT-7528-TX V2.0.1 and before; PT-7528-FX V1.0.1 and before) are compatible with all firmware version.
3. There are no other changes in the PT-7528's form, fit, or functionalities.
4. The expected timeline for getting the related regulatory approvals for the products mentioned in this document are shown in the table below:

Model Series	CE/FCC	UL 508
PT-7528-TX Series V3.0.0	Ready	Ready
PT-7528-FX Series V2.0.0	Ready	Ready

Delivery Schedule:

Model Series	Launch Date	Transition Method
PT-7528-TX Series V3.0.0	2018/08/10	Running Change
PT-7528-FX Series V2.0.0 (MSC/SSC model)	2018/05/25	
PT-7528-FX Series V2.0.0 (MST model)	2018/07/27	

We will keep supplying current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix V End -----

----- Appendix VI -----

Change Description:

1. The EDS-G500E Series will undergo product revisions as detailed below because the power regulator and flash memory used in the current versions is being phased out.

Model Series	Current Version	New Version
EDS-G508E/G512E/G516E Series	V1.0.1	V2.0.0
EDS-G512E-8PoE Series	V1.0.1	V2.0.0

2. The EDS-G500E V2.0.0 is only compatible with firmware version V6.0 and later. The previous product version, EDS-G500E V1.0.1, is compatible with all firmware versions.
3. There are no other changes in the form, fit, or functionalities.
4. The expected timeline for getting the related regulatory approvals for the products mentioned in this document are shown in the table below:

Model Series	CE/FCC	UL 508	EN 50121-4	ATEX and C1D2	Marine	IEC 61850-3
EDS-G508E/G512E/G516E Series V2.0.0	Ready	Ready	Ready	Ready	DNV-GL, NKK: Ready ABS, LR: 2019/Q4	Ready
EDS-512E-8PoE Series V2.0.0	Ready	Ready	Ready	N/A		Ready

Delivery Schedule:

Model Series	Launch Date	Transition Method
EDS-G508E/G512E/G516E V2.0.0	2018/08/17	Running Change
EDS-512E-8PoE Series V2.0.0	2018/08/10	

We will keep supplying current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix VI End -----

----- Appendix VII -----

Change Description:

1. The EDS-P510A-8PoE, EDS-405A-PTP, and EOM-104 Series will undergo product revisions as detailed below because the power regulator used in the current versions is being phased out.

Model Series	Current Version	New Version
EDS-P510A-8PoE Series	V1.0.1	V1.1.0
EDS-405A-PTP Series	V1.0.1	V1.1.0
EOM-104 Series	V1.0.0	V1.1.0

2. There are no other changes in the form, fit, or functionalities.
3. The expected timeline for getting the related regulatory approvals for the products mentioned in this document are shown in the table below:

Model Series	CE/FCC	UL 508	EN 50121-4	NEMA TS2	C1D2
EDS-P510A-8PoE Series V1.1.0	Ready	Ready	Ready	Ready	Ready
EDS-405A-PTP Series V1.1.0	Ready	Ready	N/A	N/A	N/A
EOM-104 Series V1.1.0	Ready	Ready	N/A	N/A	N/A

Delivery Schedule:

Model Series	Launch Date	Transition Method
EDS-P510A-8PoE Series V1.1.0	2018/11/30	Running Change
EDS-405A-PTP Series V1.1.0	2018/11/16	
EOM-104 Series V1.1.0	2018/01/26	

We will keep supplying current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix VII End -----

----- Appendix VIII -----

Change Description:

4. The IM-G7000A Series will undergo a product revision as detailed below because of power regulator used in the current versions is being phased out.

Model Series	Current Version	New Version
IM-G7000A-4GSFP	V1.0.0	V1.1.0
IM-G7000A-4GTX	V1.0.0	V1.1.0
IM-G7000A-4PoE	V1.0.0	V1.1.0

5. There are no other changes in the IM-G7000A series' form, fit, or functionalities.
6. The expected timeline for getting the related regulatory approvals for the products mentioned in this document are shown in the table below:

Model Series	UL/IEC/EN 60950-1
IM-G7000A Series V1.1.0	Ready

Delivery Schedule:

Model Series	Launch Date	Transition Method
IM-G7000A Series V1.1.0	2018/08/17	Running Change

We will keep supplying current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix VIII End -----

----- Appendix IX -----

Change Description:

- All of the EDS-505A Series and EDS-508A Series will undergo product revisions as detailed below because the power regulator used in the current versions is being phased out.

Model Series	Current Version	New Version
EDS-505A Series	V1.2.2	V2.0.0
EDS-508A Series	V1.2.2	V2.0.0

- Product specification change:

- Add 12/48 VDC input voltage: EDS-505A Series and EDS-508A Series.
- For EDS-505A/508A fiber model, ST connector material will change from metal to plastic.
- EDS-505A/508A Series will have an enhanced wall-mount kit, WK-46-01, to replace WK-46.
- Change operating temperature of standard model: EDS-505A and 508A Series
- Product CD will be removed from the package in the new version.

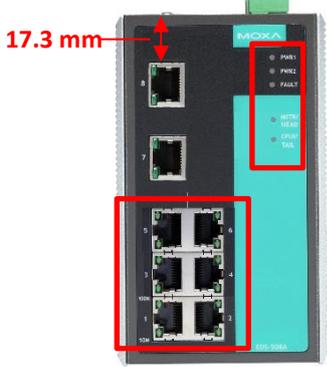
Series	Product Revision	Input Voltage	Fiber Model ST Connector Material	Standard Operating Temperature	Outlook Layout Change
EDS-505A Series	V1.2.2	24 VDC	Metal	0 to 60°C	N/A
	V2.0.0	12/24/48 VDC	Plastic	-10 to 60°C	Yes
EDS-508A Series	V1.2.2	24 VDC	Metal	0 to 60°C	N/A
	V2.0.0	12/24/48 VDC	Plastic	-10 to 60°C	Yes

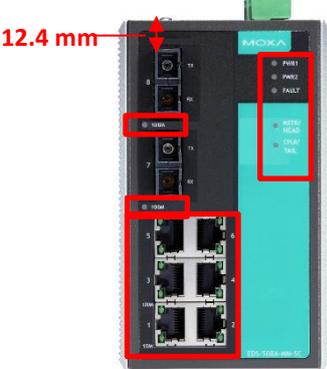
- The EDS-505A Series copper/fiber ports and LEDs have changed as shown in the picture below:

Model Series	EDS-505A Series V1.2.2	EDS-505A Series V2.0.0
EDS-505A		
		1. Change position of the LEDs.

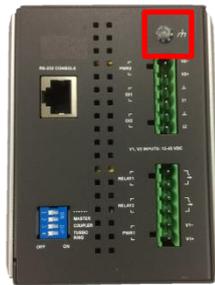
		<p>2. Copper ports 3, 4, and 5 have changed position and facing direction.</p>
<p>EDS-505A-MM-SC, EDS-505A-MM-ST, EDS-505A-SS-SC EDS-505A-SS-SC-80</p>	 <p>10.8 mm</p>	 <p>12.4 mm</p> <ol style="list-style-type: none"> 1. Change position of the LEDs. 2. Fiber ports 4 and 5 have changed position. 3. Copper port 3 has changed position and facing direction.

- The EDS-508A Series copper/fiber ports have changed as shown in the picture below:

Model Series	EDS-508A Series V1.2.2	EDS-508A Series V2.0.0
<p>EDS-508A</p>	 <p>15.3 mm</p>	 <p>17.3 mm</p> <ol style="list-style-type: none"> 1. Change position of the LEDs. 2. Copper ports 3, 4, 5, and 6 have changed position. 3. Copper ports 7 and 8 have changed position and facing direction.

<p>EDS-508A-MM-SC EDS-508A-MM-ST EDS-508A-SS-SC EDS-508A-SS-SC-80</p>	 <p>10.8 mm</p>	 <p>12.4 mm</p> <ol style="list-style-type: none"> 1. Change position of the status LEDs and fiber ports LEDs. 2. Copper ports 3, 4, 5, and 6 have changed position. 3. Fiber ports 7 and 8 have changed position.
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- The position of the ground screw for the EDS-505A and EDS-508A Series has changed as shown in the picture below:

Model Series	EDS-505A and 508A Series V1.2.2	EDS-505A and 508A Series V2.0.0
<p>EDS-505A Series EDS-508A Series</p>		 <ol style="list-style-type: none"> 1. The ground screw has changed to the upper right hand corner.

3. There are no other changes in the product's form, fit, or functionalities.

4. The expected timeline for getting the related regulatory approvals for the products mentioned in this document are shown in the table below:

Model Series	CE/FCC	UL 508	UL 60950-1	ATEX and C1D2
EDS-505A Series V2.0.0	Ready	Ready	Ready	Ready
EDS-508A Series V2.0.0	Ready	Ready	Ready	Ready

Delivery Schedule:

Model Series	Target Launch Date	Transition Method
EDS-505A Series V2.0.0	2019/02/15	Running Change
EDS-508A Series V2.0.0	2019/02/15	

We will keep supplying the current products and perform a running change to phase in the new product revisions. Therefore, the target transition schedule may vary with the exact sales of each product series.

----- Appendix X -----

Change Description:

1. Change Reason:

Model Name	Current Version	New Version	Change Reason
EDR-810-2GSFP	V1.0.2	V2.0.0	<ul style="list-style-type: none"> • Flash and power chip have been phased out. • Watchdog enhancement. • Inrush current improvement • DNV GL compliance. • SFP port support 100Mbps connection. • Add two LED indicators for VRRP master and VPN status.
EDR-810-2GSFP-T			
EDR-810-2GSFP-T (CV-CT)			
EDR-810-VPN-2GSFP			
EDR-810-VPN-2GSFP-T			
EDR-810-VPN-2GSFP-T (CV-CT)			

2. Change Details:

**EDR-810-2GSFP/ EDR-810-2GSFP-T/ EDR-810-VPN-2GSFP/ EDR-810-VPN-2GSFP-T Product
Revision V1.0.2 to V2.0.0**

- Flash and power chip component change:
 - Due to current flash and power chip are EOL, new flash and power chip are implemented on version V2.0.0. All the functionalities of version V1.0.2 and version V2.0.0 are identical.
- All the functionalities of the version V1.0.2 and the version V2.0.0 are identical except for below items:
 - Product Enhancement:
 - External watchdog monitoring: this function is implemented in V2.0.0. In V2.0.0, the external watchdog IC will monitor the CPU status constantly. If the watchdog IC does not receive a signal from the CPU, the watchdog will time out and the system will restart.
 - Inrush current lower down: with new design in V2.0.0, inrush current has been enhanced to achieve 2.7A (at 24V DC)
 - New feature introduced:
 - DNV GL compliance is supported on version V2.0.0.
 - 100M SFP interface will be supported on version V2.0.0. Please refer to the picture below.
 - Supported SFP modules are as follows: SFP-1G Series, SFP-1FE Series and SFP-1G Copper Series. For ordering information, please refer to https://www.moxa.com/product/Ethernet_SFP_Modules.htm

- Two LED indicators for VRRP master and VPN status on the front panel will be supported on version V2.0.0. Please refer to the picture below:
- LED definition is as below:
 - VRRP.M: When the router plays the role of the VRRP master, the LED will be turned on.
 - VPN: When any of VPN tunnels are active, the LED will be turned on.

V1.0.2 design	V2.0.0 design
<ol style="list-style-type: none"> 1. The SFP ports support 1000Mbps link speed only. 2. There are no LEDs used to indicate VRRP master and VPN connection status. 3. The wording of the two LEDs are MSTR/HEAD and CPLR/TAIL. 	<ol style="list-style-type: none"> 1. With the new design, each SFP port supports 100Mbps / 1000Mbps connection. 2. Two LEDs are added for indicating VRRP master and VPN connection status. 3. LED wording of MSTR/HEAD and CPLR/TAIL are revised to MSTR and CPLR.

- Firmware and configuration compatibility:
 - V2.0.0 is compatible with firmware version 5.0 and versions released in the future. However V2.0.0 is not backward compatible with firmware version 4.2 and previous versions.
 - V1.0.2 and previous versions are compatible with firmware version 4.1 and updated version.
 - Please refer to the firmware and hardware compatibility matrix below.
 - All configuration files exported from any firmware version can be imported in both V1.0.2 and V2.0.0

Product version Firmware version	EDR-810 Series V1.0.2 compatibility	EDR-810 Series V2.0.0 compatibility
Earlier versions	Compatible	Not compatible
V4.1	Compatible	Not compatible
V4.2	Compatible	Not compatible
V5.0	Compatible	Compatible
Future released	Compatible	Compatible

3. The expected timeline for getting the related regulatory approvals on new EDR-810 Series V2.0.0 are shown in the table below.

Models	NEMA TS2	CE/FCC	UL508	C1D2	Maritime (DNV GL)+ EN60945	EN50121-4
EDR-810 Series (V2.0.0)	Ready	Ready	Ready	Ready	Q2, 2019	Ready

Delivery Schedule:

1. Last Order Date:

If you are using the EDR-810 Series V1.0.2 and require additional units, please assess your product needs, and place a last time buy no later than August 31, 2018.

2. New product launch date:

EDR-810 Series V2.0.0 launch date is currently set at the end of November, 2018.

3. After last order date August 31, 2018, Moxa will do a running change to phase in the EDR-810 V2.0.0.

4. For project request for EDR-810 V2.0.0, please contact with your regional sales contact window.

----- Appendix X End -----