



Corporate Style and Branding Guide

December 2009

Corporate Logo Usage

CORPORATE LOGO/SIGNATURE



The Mellanox Technologies signature is used to represent the organization in all its activities. This signature is the foundation to our identity and exists on a wide variety of media and marketing materials.

The Signature consists of two elements:

1. the symbol
2. the logotype

Because the signature is a registered trademark, the relationship between these elements should never be altered. This ensures legal protectability, builds recognition and reinforces our positioning.

CORPORATE 2-COLOR LOGO/SIGNATURE



GRAYSCALE LOGO



LOGO VARIATIONS



These acceptable variations of the corporate logo should only be used when space or application dictate its use.

The horizontal version is used as an EXCEPTION.

CMYK CONVERSION

COLOR	CYAN	MAGENTA	YELLOW	BLACK
Blue	100	100	0	28
Gray	0	0	0	60

RGB CONVERSION

COLOR	RED	GREEN	BLUE
Blue	14	0	89
Gray	102	102	102

WEB CONVERSION

COLOR	RED	GREEN	BLUE
Blue	0E	00	59
Gray	66	66	66

Logo Clear Space and Size

LOGO CLEAR SPACE



The signature should always be surrounded by an adequate amount of clear space in order to set it off from other elements.

The gray area (see illustration at left) indicates the minimum amount of clear space that must surround the signature in all applications. No other elements should infringe in the clear space.

Exceptions require approval prior to use.

Minimum clear space is specified in units of "X." X equals the height of the "x" in Mellanox.



LOGO MINIMUM SIZE



Stacked Logo



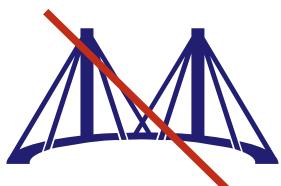
Horizontal Logo

Logo Usage

LOGO USAGE GUIDELINES



This is the official corporate logo.



The Logo should be used as a single unit. The logotype should never be used alone, but should always have the the logomark (bridge).



The signature or logotype should NEVER be used separately.



Do not rearrange or stack the logomark and logotype.



Do not change the colors of the logo or logotype.

Logo Usage

LOGO USAGE GUIDELINES



Do not tilt or skew logo.

Do not enlarge or shrink the logo or the logotype separately.

Do not place logo on a background or backgrounds with conflicting colors.

White is the recommended background.

Secondary and Product Logos

Mellanox product or secondary logos should also be used with the same requirements as the corporate logo.

- They should always be surrounded by an adequate amount of clear space in order to set it off from other elements.
- The Logo should be used as a single unit.
- Do not rearrange or stack the logomark and logotype.
- Do not change the colors of the logo or logotype.
- Do not tilt or skew logo.
- Do not enlarge or shrink the logo or the logotype separately.
- Do not place logo on a background or backgrounds with conflicting colors.
- White is the recommended background.



Typography

FONTS

Univers LT (True Type Version) is the primary fonts used on all corporate materials.

Arial or Helvetica may be substituted for Univers for online applications and Powerpoint

Univers LT 39 Thin Ultra Condensed

Univers LT 45 Light

Univers LT 45 Light Oblique

Univers LT 47 Condensed Light

Univers LT 47 Condensed Light Oblique

Univers LT 53 Extended

Univers LT 53 Extended Oblique

Univers LT 55 Roman

Univers LT 55 Oblique

Univers LT 57 Condensed

Univers LT 57 Condensed Oblique

Univers LT 59 Ultra Condensed

Univers LT 63 Bold Extended

Univers LT 63 Bold Extended Oblique

Univers LT 65 Bold

Univers LT 65 Bold Oblique

Univers LT 67 Bold Condensed

Univers LT 67 Bold Condensed Oblique

Univers LT 73 Black Extended

Univers LT 73 Black Extended Oblique

Univers LT 75 Black

Univers LT 75 Black Oblique

Univers LT 85 Extra Black

Univers LT 85 Extra Black Oblique

Univers LT 93 Extra Black Extended

Univers LT 95 Extra Black Extended Oblique

BANK GOTHIC BT LIGHT

BANK GOTHIC BT MEDIUM

Bank Gothic BT typeface is primarily used for Speciality Headlines and Subheads larger than 11 pt.

Bank Gothic should not be used for body copy or type smaller than 12 pt

It can be used in different colors, screened or reversed out of a background

Color Palette

SECONDARY CORPORATE COLORS

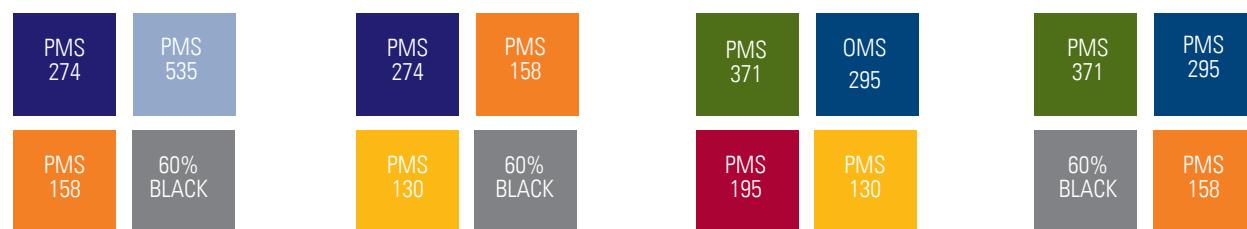
COLOR	CYAN	MAGENTA	YELLOW	BLACK
PMS 158 ORANGE	0	61	97	0
PMS 130 GOLD	0	30	100	0
30% BLACK	0	0	0	30

OTHER COLORS

COLOR	CYAN	MAGENTA	YELLOW	BLACK
PMS 295 BLUE	100	57	0	40
PMS 535 BLUE	42	27	7	0
PMS 371 GREEN	43	0	100	56
PMS 384 GREEN	18	0	100	31
PMS 194 RED	0	100	64	33

COLOR	RED	GREEN	BLUE
PMS 295 BLUE	0	69	124
PMS 535 BLUE	149	169	202
PMS 371 GREEN	79	111	25
PMS 384 GREEN	159	166	23
PMS 194 RED	171	6	53

SUGGESTED COLOR COMBINATIONS



Trademarks, Registered Trademarks and Copyrights

A trademark is a word, phrase, logo, symbol or design, or a combination of these elements, used to identify or distinguish the goods and services of one company or individual from others.

Using the trademark **properly** is necessary in order to demonstrate that a mark is used in commerce, which is a fundamental requirement for trademark ownership in the United States.

MELLANOX TRADEMARKS

BridgeX
CORE-Direct
FabricIT
PhyX
Virtual Protocol Interconnect

MELLANOX REGISTERED TRADEMARKS

Mellanox
ConnectX
InfiniBlast
InfiniBridge
InfiniHost
InfiniRISC
InfiniScale
InfiniPCI

Always use the mark as an adjective

It is very important to always use the marks as adjectives and always with the generic terms which they modify. A trademark should never be used it as a noun or a verb.

INCORRECT:

ConnectX® is the best adapter on the market..

CORRECT USE:

ConnectX® adapters are the best on the market.

Avoid plural or possessive forms of the mark

Never use a mark in the plural form or the possessive form.

Never hyphenate trademarks

INCORRECT:

ConnectX®-compatible adapters are the best on the market.

CORRECT USE:

"ConnectX® compatible adapters are the best on the market.

Appropriate placement of trademarks within text

Generally, the mark must be used with the first or most prominent appearance of a trademark in a publication or document, but need not be used with each subsequent appearance. As a safeguard, use additional markings rather than fewer within a document.

Trademark Attribution Statement

For publications containing third party trademarks, it is typical practice to provide a trademark attribution statement in small print at the end of the specific article. For example:

ConnectX is a registered trademark of Mellanox Corporation. All other trademarks are the property of their respective owners.

Copyright Notice

The notice should always contain:

1. The symbol © (the letter C in a circle), or the word "Copyright";
2. The year of first publication of the work; and
3. The name of the owner of copyright in the work.

EXAMPLE: © 2009 Mellanox Technologies.

Sample Documents

PRODUCT BRIEFS

Always use corporate fonts and document style sheet settings.

Mellanox Technologies

ConnectX®-2 VPI

Single/Dual-Port Adapters with Virtual Protocol Interconnect™

ConnectX-2 adapter cards with Virtual Protocol Interconnect (VPI) supporting InfiniBand and Ethernet technologies provide highest performance and flexibility for server, storage, and data center environments. ConnectX-2 is designed for demanding server, storage, and data center environments. Canned data bases, parallel applications, transaction services and high-performance embedded I/O applications will achieve significant performance improvements resulting in reduced completion time and lower cost per operation. ConnectX-2 with VPI also simplifies network deployment by consolidating cables and management resources in virtualized server environments.

Virtual Protocol Interconnect

VPI enables users to consolidate traffic for any standard networking, clustering, storage, and management protocol to create one or many converged network leveraging a consolidated software stack. With auto-sea capability, each ConnectX-2 port can identify and operate on InfiniBand, Ethernet, or Data Center Bridging (DCB) fabric. ConnectX-2 with VPI optimizes I/O system design and makes it easier for IT managers to deploy infrastructure that meets the needs of today's data centers.

World-Class Performance

InfiniBand – ConnectX-2 delivers low latency, high bandwidth, and computing efficiency for performance-driven server and storage clustering applications. Efficient computing is achieved by offloading from the CPU native operations which allows more processor power for the application. Network protocol processing and data movement overhead such as InfiniBand RDMA and Scatter/Gather mechanisms are completed in the adapter without CPU intervention. Application-level protocols such as MPI, OpenFabrics, and RDMA over Converged Ethernet (RoCE) are offloaded to memory and executed in hardware bringing the next level of performance improvements. ConnectX-2 advantage of offloading technology enables higher cluster efficiency and tens of thousands of nodes.

Data Center Bridging

ConnectX-2 offers the latest in high performance and high-bandwidth performance engineering. PCIe Gen 3.0 and Intel® Dual Band Ethernet (DBE) provide efficient RDMA-to-RDMA support. The Ethernet port supports IEEE 802.1Q bridging. The LLE software stack maintains existing and future compatibility for both switch and legacy sensitive clustering applications. With Intel®-wan interoperability in existing Ethernet infrastructure, Network Administrators can leverage existing data center fabric management solutions.

TCP/UDPIP/IP – Applications utilizing TCP/UDPIP/IP transport can achieve industry-leading throughput over InfiniBand or 10GbE. The bandwidth-based stelesless offload approach minimizes CPU overhead of IP packet transport, freeing more processor cycles to work on the application.

IQ Virtualization – ConnectX-2 support for hardware-based I/O virtualization provides dedicated adapter resources and guaranteed isolator and protection for virtual machines (VM) within the server. I/O virtualization with ConnectX-2 gives data center managers better server utilization and LAN and SAN utilization while reducing cost, power, and cable complexity.

Storage Accelerated – A consolidated compute and storage network performance advantages over multi-pathing and direct access storage. InfiniBand RDMA block and file access protocols leveraging InfiniBand RDMA result in high performance storage access. File Channel frame encapsulation (FCoE or RDCE) and hardware offloads enable complete connectivity to Fibre Channel SANs.

Software Support

All Mellanox adapter cards are compatible with TCP/IP and OpenFlow-based RDMA protocols and software. They are also compatible with Mellanox's own cluster management software available from Mellanox and OEMs. The adapter cards are compatible with major operating system distributions.

BENEFITS

- One adapter for InfiniBand, 10 Gigabit Ethernet or Data Center Bridging fabrics
- Worldwide cluster deployment
- High performance networking and storage access
- Guaranteed bandwidth and low-latency services
- Isolator transport
- I/O consolidation
- Virtualization acceleration
- Scales to tens-of-thousands of nodes

KEY FEATURES

- Virtual Protocol Interconnect
- 1GbE MII phy interface
- Selectable 10, 20, or 40GbE InfiniBand or 10 Gigabit Ethernet per port
- Single- and Dual-Port options available
- Optimal performance for RDMA and TCP
- CPU offload of transport operations
- Collective operations offloads
- End-to-end link and congestion control
- Host Memory Protection (HMP)
- TCO/DPPI/RPON offloads
- Flow Channel encapsulation (FCoE or RoCE)
- RoHS-65

FEATURE SUMMARY

INFINIBAND	Ethernet
- 1GbE SFP	- 1GbE 1000Base-T
- RDMA Send/Receive convergence	- Ethernet-based congestion control
- RDMA-based peer-to-peer	- Atomic operations
- RDMA-based peer-to-peer	- 1GbE 1000Base-T
- RDMA-based peer-to-peer	- 2GbE 40GbE 10GbE 25GbE
- RDMA-based peer-to-peer	- 2GbE 40GbE 56GbE 10GbE 25GbE
- RDMA-based peer-to-peer	- Auto negotiate to 10, 24, or 48 GbE
- RDMA-based peer-to-peer	- RDMA-based peer-to-peer mechanisms

COMPATIBILITY

PCI Express Interface
- PCIe Base 2.0 x8/x16 1.1 compliant
- 2.5GbE or 5GbE 1x lane (2GbE/2GbE or 4GbE/4GbE bidirectional bandwidth)
- Auto negotiate to 10, 24, or 48 GbE

ENHANCED INFINIBAND

Hardware-based reliable transport
- Hardware-based transport offloads
- Hardware-based peer-to-peer
- Extended Relaxed Connection transport
- Enhanced Atomic operations

ETHERNET

1GbE 10GbE
- IEEE 802.3x 1GbE CSMA/CD
- IEEE 802.3x Link Aggregation and Failover
- IEEE 802.1D, 1p 802.1q and priority
- IEEE 802.1Q QoS DCF IEEE 802.11
- IEEE 802.3Z IEEE 802.3AF PoE
- IEEE 802.3AB IEEE 802.3BT
- Multicast
- IEEE 802.3AN IEEE 802.3BT
- 10GbE LAN/WAN per port

HARDWARE-BASED IP VIRTUALIZATION

Single Port / OV
- Address translation and detection
- Flow-based segmentation
- Multiple queues per virtual machine
- Enhanced QoS for vNICs
- VMware NetQueue support

ADDITIONAL CPU OFFLOADS

RDMA, TCP, IP, and iSCSI
- Intel®-wan internal coalescence

STORAGE SUPPORT

FCoE, NFS, iSCSI, RDMA, FCe, iSCSI
- Fibre Channel over InfiniBand or Ethernet
- TT1 compliant frame format

Adapter Cards

Ordering Part Number	Ports	Net Bus	Power (Typ)	Dimensions w/o Brackets
MIG095-XTR	Dual 10GbE SFP+ or 10GbE	PCIE 3.0 x8/6GbE	8.1W	10.9cm x 5.7cm
MILH200-XTR	Dual 10GbE SFP+ or 10GbE	PCIE 3.0 x8/6GbE	8.7W	10.9cm x 5.7cm
MHR9260-XTR	Dual 10GbE SFP+ or 10GbE	PCIE 3.0 x8/6GbE	8.1W	10.9cm x 5.6cm
MHD9030-XTR	Dual 10GbE SFP+ or 10GbE	PCIE 3.0 x8/6GbE	8.7W	10.9cm x 5.6cm
MHD9230-XTR	10GbE SFP+ 40GbE InfiniBand	PCIE 3.0 x8/6GbE	12.0W	10.9cm x 5.6cm

Single-port options also available

CASE STUDIES

Always use corporate fonts and document style sheet settings.

Sample Documents

PRODUCT BROCHURES

Always use corporate fonts and document style sheet settings.

ONLINE eNEWSLETTERS and BANNER ADS

Always use corporate fonts and colors.

A graphic featuring a close-up of a green and silver PCIe InfiniBand card with four ports in the foreground. In the background, two server racks are shown, each with multiple blue and black drive bays. A blue curved arrow on the left side of the image points from the card towards the server racks, symbolizing the flow of connectivity.

The image features the Mellanox Technologies logo at the top left, which includes a stylized triangle icon and the company name. To the right of the logo are three product images: a server chassis with multiple network cards installed, a close-up of a network card (ConnectX-2 EN), and a close-up of a server board with several network ports.

Newsletter Fall 2009

Dear customer,

This is a courtesy message to inform you of the following Mellanox Technologies releases:

► Mellanox ConnectX®-2 Firmware fw-25408, version 2.7.000

For adapters based on the new ConnectX®-2 (IB, Eth, FCoE and VPI) and ConnectX®-2 EN (10GigE, 40GigE, 10GBASE-T) devices. URL for downloading firmware image based on these devices:

ConnectX®-2:

http://www.mellanox.com/content/pages.php?pg=firmware_table_ConnectX2IB

ConnectX®-2 EN:

http://www.mellanox.com/content/pages.php?pg=firmware_table_ConnectX2EN

For the full list of features and other details, please see the [Release Notes](#).

OEM Only: URL for the customization firmware package:

http://www.mellanox.com/content/pages.php?pg=custom_firmware_table

► Mellanox ConnectX® Firmware fw-25408, version 2.7.000

ed on the new ConnectX®-2 (IB, Eth, FCoE and VPI) and ConnectX®-2 EN (10GigE, 40GigE, 10GBASE-T) devices. URL for downloading firmware image based on these devices:

http://www.mellanox.com/content/pages.php?pg=firmware_table_ConnectX2IB

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CORPROATE AND PRODUCT ADS

Always use corporate fonts and colors.

Achieve Maximum Application Acceleration with 40Gb/s End-to-End Connectivity

ConnectX-2
40Gb/s InfiniBand and 10 and 40 Gigabit Ethernet Adapters with FCoE and Low-Latency Ethernet

BridgeX - BX4010
40Gb/s InfiniBand to 10 Gigabit Ethernet and Fibre Channel Gateway

MTS3610 and IS5600
324-port and 648-port 40Gb/s InfiniBand Chassis Switch System

IS5025, IS5030, and IS5035
36-port Non-blocking 40Gb/s InfiniBand Switch Systems

Mellanox TECHNOLOGIES

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For more information on Mellanox Branding standards or questions on typefaces and style considerations for a particular application, contact:

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