

A Bridge Between Needs & Solutions

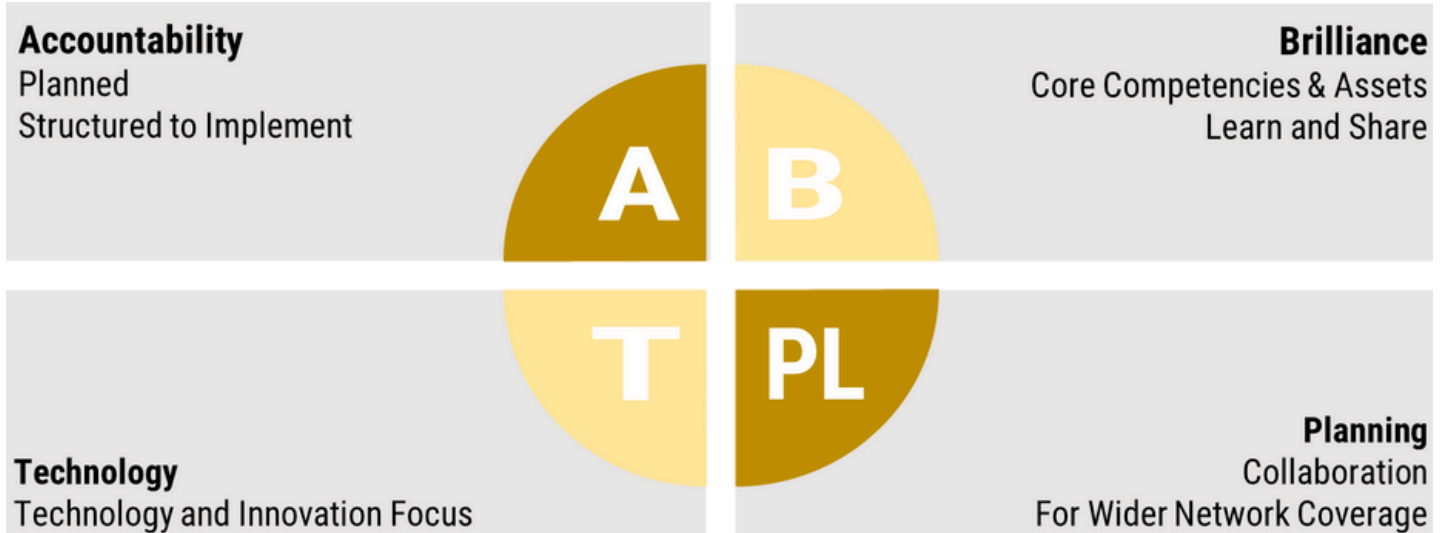
An Indian OEM with a vision to build world-class networking products focusing on R&D, Patents, Hardware & Software development.

PRODUCT CATALOG 2024-25

SFP/AOC/DAC | L2 / L3 SWITCH | GPON ONT/OLT | MEDIA CONVERTOR | POE INJECTOR

ABOUT US

Core Values



Certifications



ISO 9001



ISO 20000



ISO 45001



ISO 27001



ROHS



Product Line



AOC & DAC



SFPs



L2/L3
SWITCHES



GPON GEAR



INDUSTRIAL
SWITCHES

INDEX

FTTH SOLUTIONS

- ✓ GPON - OLT
- ✓ GPON - ONT
- ✓ PON SFP
- ✓ XPON STICK

POE SOLUTIONS

- ✓ POE Managed
- ✓ POE Unmanaged
- ✓ POE L3 Lite
- ✓ POE L3

SWITCHING SOLUTION

- ✓ L2 Managed
- ✓ L2 Unmanaged
- ✓ L3 Lite Switch
- ✓ L3 Switch
- ✓ L3 40/100G Switch
- ✓ Industrial Switch
- ✓ DAC & AOC

OPTICAL TRANSCEIVERS

- ✓ 1.25G Dual /Single Fiber
- ✓ 10G Dual/Single Fiber
- ✓ 1G/10G Copper SFP
- ✓ 25G Dual/Single Fiber
- ✓ 40G QSFP
- ✓ 100G Dual/Single Fiber
- ✓ 400G QSFPDD / OSFP

SERVICES

- ✓ Cloud NMS
- ✓ Training
- ✓ Prof. Services
- ✓ Support Services
- ✓ Value Added Services

OTHER PRODUCTS

- ✓ Media Convertor
- (AC/DC/Industrial)
- ✓ PoE Injector
- (AC/DC/Industrial)
- ✓ Fiber Channel SFPs

"Enabling Customers to build Modern &
State-of- the-art Broadband Networks globally"

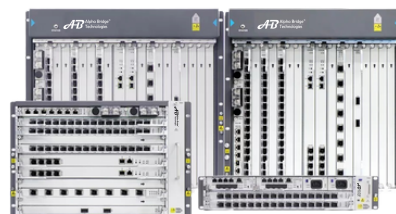
GPON OLT



AGL04/08/16
4/8/16 PON Interface
2 SFP GE / 2 SFP+10GE interface
AC+AC/DC+DC



AGL32/64/128
8/16/32/64/128 XGS PON Interface
Custom Uplink/Downlink
AC+AC+/DC+DC



GPON ONT



ABONT- 4



1*PON + 4*GE ports,
Single Band
1*FXS+1*USB

ABONT-5



1*PON + 4*GE ports,
Single Band,
1*FXS+1*USB

ABONT-6



1*PON + 4*GE ports,
Dual Band,
1*FXS +1*USB

ABONT-6/A



1*PON + 4*GE ports,
Dual Band,
2*FXS+2*USB

PON SFP



GEAPON SFP MODULE
7~9db,1490/1310, 20KM



GPON SFP
C+++,1490/1310, 20KM



1.25/2.G T1310/R1490nm
20Km SC

XPON STICK

AB L2 / L3 SWITCHING SOLUTIONS

L2 Managed



AS200/10/T

- 8 GE TX + 2*1GE SFP



AS200/28/T

- 24 GE TX + 4*1GE SFP



L2 Unmanaged



AS200/10/8/T/U

- 8*1GE TX



AS200/16/T/U

- 16* 1GE TX



AS200/28/26/T/U

- 24 * 1GE TX + 2 * 1G SFP



Layer 3 Lite



AS200/54/XT

- 48* 1GE and 6*10GE SFP+



AS200/28/XF

- 24* 1GE and 4*10GE SFP+



AS200/28/XT

- 24 GE and 4*10GE SFP+



AS200/12/XT

- 8 GE and 4*10GE SFP+



AB L3 SWITCHING SOLUTIONS

Layer 3

AS300/30/XT

- 24 *1GE and 6*10G SFP+



AS300/38/XF

- 24*1G SFP + 8 GE TX
- 6*10G SFP+



AS300/20/XF

- 12*10G SFP and 8 GE TX



AS300/54/XF

- 24*G SFP and 24*GE TX
- 6*10G SFP+



AS300/54/XT

- 48*GE TX and 6*10G SFP+



Layer 3 100G

AS300/28/C

- 24*10G SFP+ and 4*100G QSFP28



AS300/54/C

- 48*10G SFP+ and 2*40G QSFP+
- 4* 100G QSFP28



AB PoE SWITCHING SOLUTIONS

PoE Managed



AS200/10/P

- 8 GE PoE and 2*GE SFP
- 150W PoE



AS200/28/P

- 24 GE PoE and 4*GE SFP combo
- 400W PoE



PoE Unmanaged



AS200/10/S5PU

- 4 GE POE + 1*GE TX



AS200/10/PU

- 8 GE POE + 2*GE TX



Layer 3 Lite PoE



AS200/12/XP

- 8 GE PoE + 4*10G SFP+
- 125W POE power



AS200/28/XP

- 24 GE PoE + 4*10G SFP+
- 370W POE power



AS200/54/XP

- 48 GE PoE + 6*10G SFP+
- 370W AC POE power
- 740W DC POE power



Layer 3 PoE

AS300/54/XP



- 48 GE PoE and 6*10G SFP+ Ports
- 2 power slots with 1 hot-swap
- 370W AC POE power
- 740W DC POE power

AB Industrial Switches Solution

Industrial Managed

AS200/10/I/4T2F

- 4 GE TX + 2 GE SFP



AS200/10/I/8T2F

- 8 GE TX + 2 GE SFP



AS200/10/I/10T4F

- 10 GE TX + 4 GE SFP



Industrial PoE Managed

AS200/10/I/4P2F

- 4 GE POE + 2 GE SFP
- PoE 120W



AS200/10/I/8P2F

- 8 GE POE + 2 GE SFP
- PoE 240W



AS200/10/I/10P4F

- 8 GE POE + 2 GE TX + 4 GE SFP
- PoE 240W



DAC AND AOC

DAC Cable

- Speeds: 10G to 400G
- Distance : 0.5m to 7m
- 40G/100G/200G/400G Breakouts



AOC Cable

- Speeds: 10G to 400G
- Distance : 3m to 100m
- 40G/100G/200G/400G Breakouts

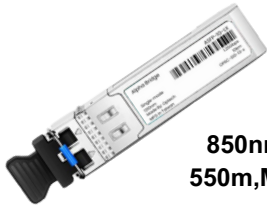


Optical Transceivers

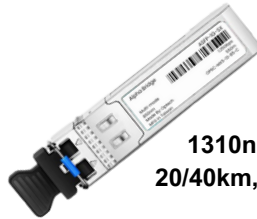
1.25G Copper/Dual Fiber



Elect,
100m, RJ45



850nm,
550m, MMF



1310nm,
20/40km, SMF



1550nm,
40/80/120km, SMF

1.25G BiDi Single Fiber



1310/1550nm,
20km, SMF, Pair



1310/1550nm,
20km, SMF, Pair (SC)



1310/1490nm,
20/40km, SMF



1310/1550nm,
40km, SMF



1490/1550nm,
80/120km, SMF

10G Copper/Dual Fiber



Elect
30m, RJ45



850nm,
300m, MMF



1310nm,
10/20km, SMF



1550nm,
40/80km, SMF

10G BiDi Single Fiber



1270/1330nm,
10, 20, 40, 60km, SMF



1490/1550nm,
80km, SMF



850nm,
300m SMF



1310nm,
10, 40km, SMF



1550nm,
40, 80, 100km, SMF

SFP XFP

QSFP+ 40G



40G QSFP+
SR4, LR4, eLR4, ER4

QSFP28 100G



100G QSFP28
SR4, LR4, ER4, ZR4

QSFPDD 400G



400G QSFPDD
SR8, DR4, FR4, LR4/LR8, ER4, ZR4

POE Injector



- Up to 48W @1GE

Industrial PoE+ Injector



- Up to 36W @1GE

Media Converter

Managed



- Support 1 * GE SFP + (1-4) GE Adaptive
- External AC power adaptor
- SNMP support V1, V2, V3

Unmanaged



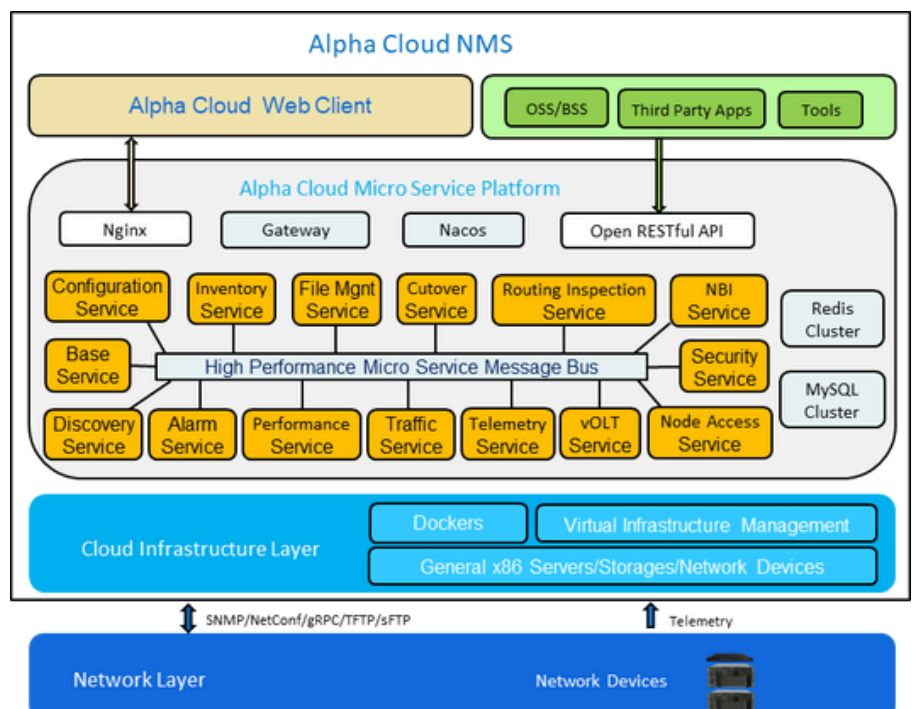
- Supports 10/100/1000Base-T
- External AC power adaptor
- Support Auto MDI/MDI.

AB CLOUD SOFTWARE

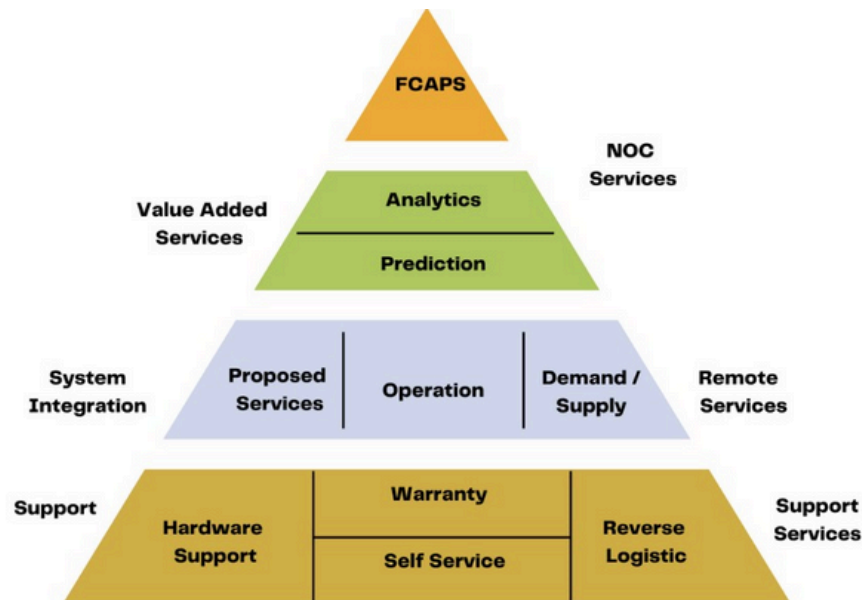
AB NMS utilizes end-to-end hybrid cloud distributed tracing to optimize service performance and help organizations innovate faster, collaborate more efficiently, and deliver greater value with less effort. Understand all the relationships across the full stack and get precise answers with the option to add digital experience and analytic functionalities.

Key Features

- System Management
- Topology Management
- Fault Management
- Security Management
- Performance Management
- Inventory Management
- Cloud Management
- Predictive Management
- Analytics & Report



AB SERVICES & SUPPORT



Layer 1

Hardware Support, which includes Self-service, Telephonic Support, Field support, warranty and reverse logistics.

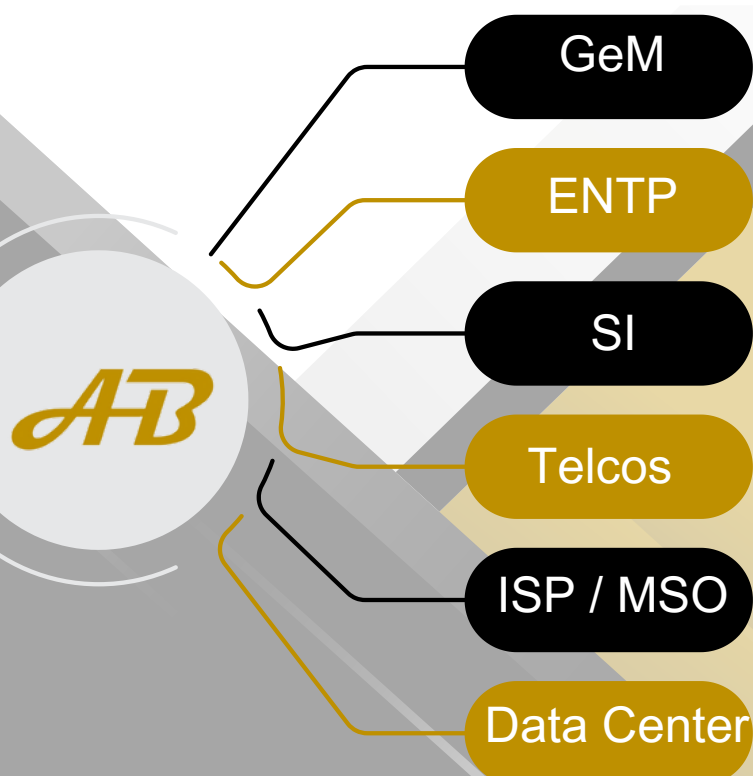
Layer 2

The SI layer, which includes Professional services like Design, Implementation, Operation support, etc

Layer 3

Third layer is the Value added services layer: FCAPS, Network Analytics, Prediction, NOC services implementation, etc.

AB Market Presence



Alpha Bridge Technologies has established a notable market presence, leveraging its cutting-edge solutions in Networking and Broadband Solution to cater to a diverse clientele. The company has distinguished itself through a strong focus on innovation and customer-centric approaches, enabling it to secure partnerships with major industry players and penetrate various sectors, including ISP, Telcos, finance, and manufacturing etc. Alpha Bridge Technologies' robust portfolio of products and services, combined with strategic investments in research and development, has bolstered its reputation as a leader in tech-driven transformation.

Why Choose Alpha Bridge?



Alpha Bridge is an OEM for Network Switches like L2 Unmanaged/Managed, L3 Lite, Layer 3, PoE (Across Portfolio), GPON Gear & Optics (1G to 800G) based out of India & Taiwan. These products are quality tested on various parameters and are appreciated for attributes like durability, reliability, longer functional life, dimensional accuracy, precision engineering, user-friendliness and most importantly, cost-effectiveness.

These products and services are already tested and supplied to some of the most prominent clients across the globe.

Above Products are available on GeM (Government E-Marketplace) as well as the regular market places.



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