INTRODUCING BANGLADESH INTERNET EXCHANGE (BDIX)

SaNoG 26

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About BDIX

BDIX is the first Internet Exchange Point (IXP) of Bangladesh and was established to provide physical interconnection for its members to exchange and route local Internet traffic locally.

First Internet Exchange of Bangladesh

Inception in August, 2004

More than 65 peering

Membership based not -for- profit organization

Faster, more reliable and lower-latency Internet access

BDIX Updates

BDIX Receives Formal License

As of June 18, 2014, BDIX receives license to operate as National Internet Exchange (NIX) from the Bangladesh Telecommunication Regulatory Commission (BTRC).

BDIX Updates

Nexus 3548p 10GCisco Switch

New Nexus 3548p 10G donated by PCH is installed with 48 1G/10G ports

BDIX Updates

RIPE Atlas Anchor

New Soekris Net6501-70 board
server Donated by Apnic is installed

Technical Information

Layer 2 Internet Exchange Point	Supports both MLPA and BLPA	Organization having ASN and own Internet may connect	Supports both IPv4/ IPv6	100Mbps 1000Mbps 10GB Ports

Tools

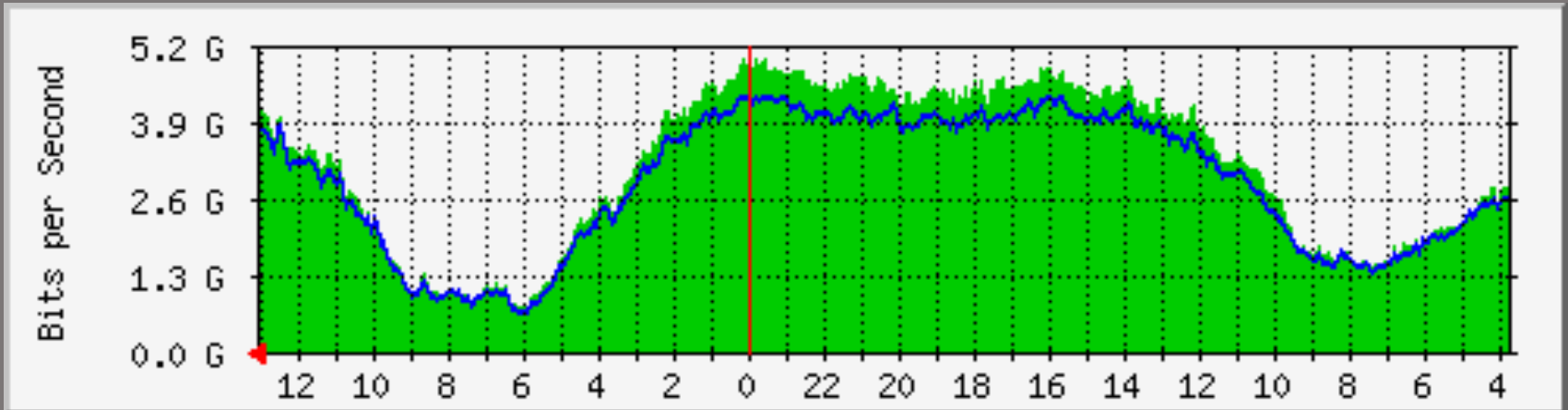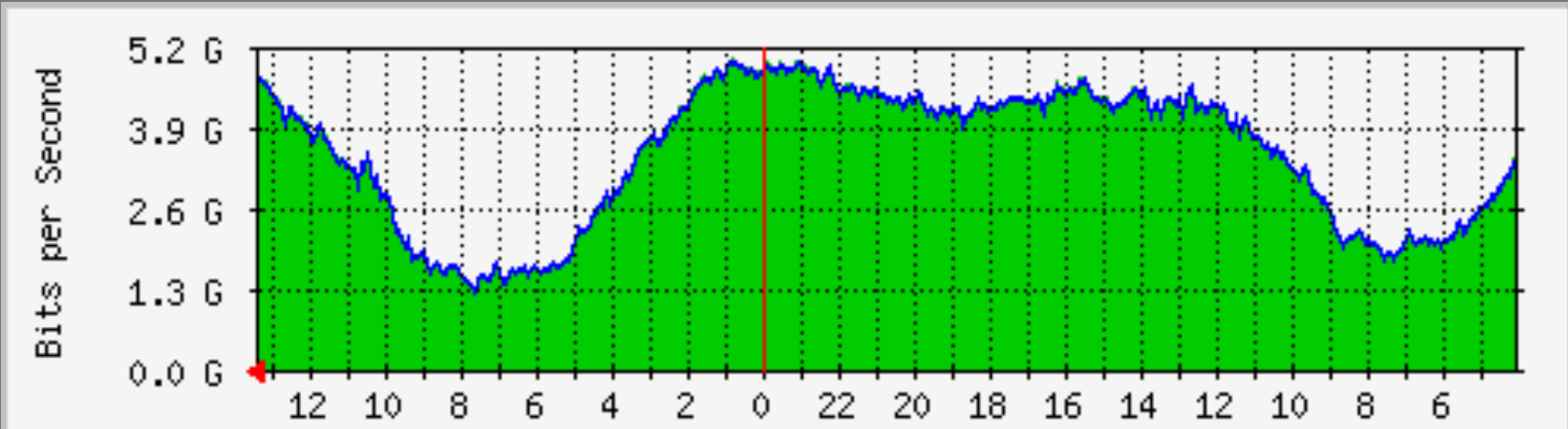| F Root Server Mirror for Faster DNS Query	Apnic Community DNS Server	Verisign gTLD Services	PCH looking glass , .org mirror & NTP	Team Cymru POD for Flow analysis and Malware detection	Caida monitoring	SIP Interconnection among IPTSPs

Tools

RIPE Atlas Anchor

PRESENT TRAFFIC (August 02, 2015)

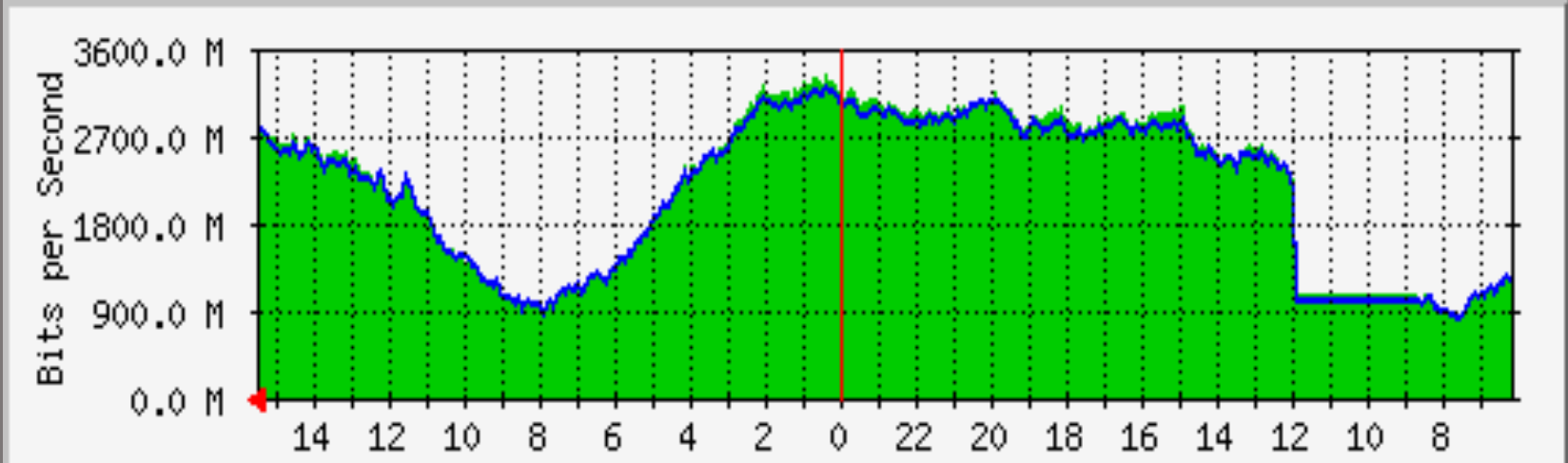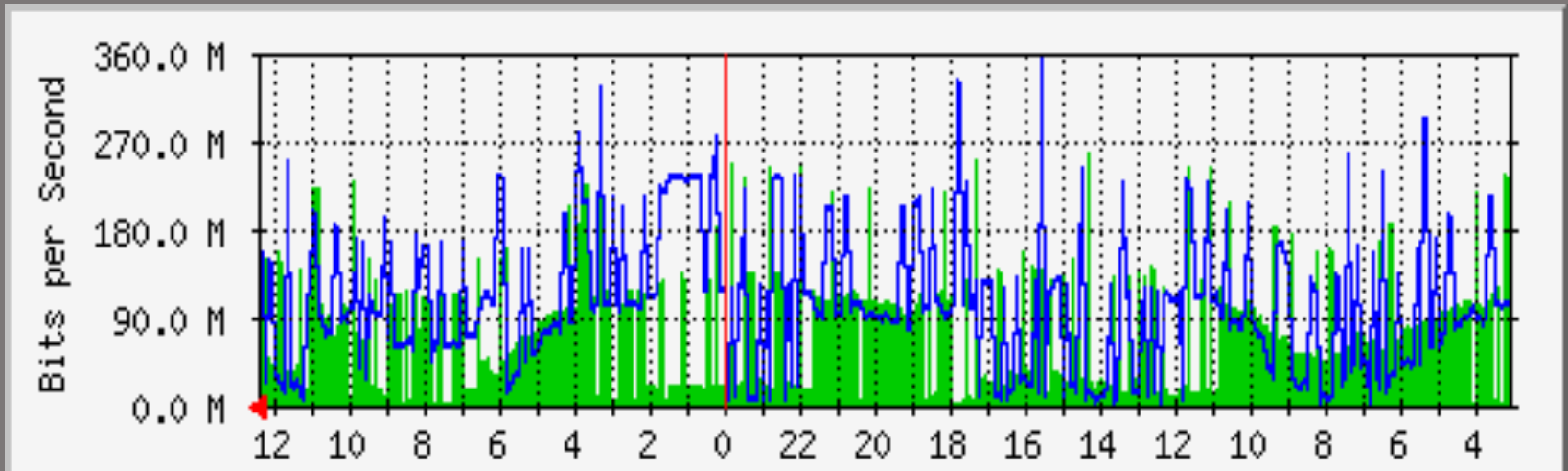|	Max	Average	Current
In	5098.4 Mb/s (50.1%)	3556.7 Mb/s (34.6%)	4798.9 Mb/s (46.0%)
Out	4996.2 Mb/s (49.3%)	3525.5 Mb/s (34.3%)	4662.6 Mb/s (45.6%)

PAST TRAFFIC (May 15, 2015)

	Max	Average	Current
In	5008.4 Mb/s (50.1%)	3456.7 Mb/s (34.6%)	4598.9 Mb/s (46.0%)
Out	4926.2 Mb/s (49.3%)	3425.5 Mb/s (34.3%)	4562.6 Mb/s (45.6%)

PAST TRAFFIC (July 23, 2014)
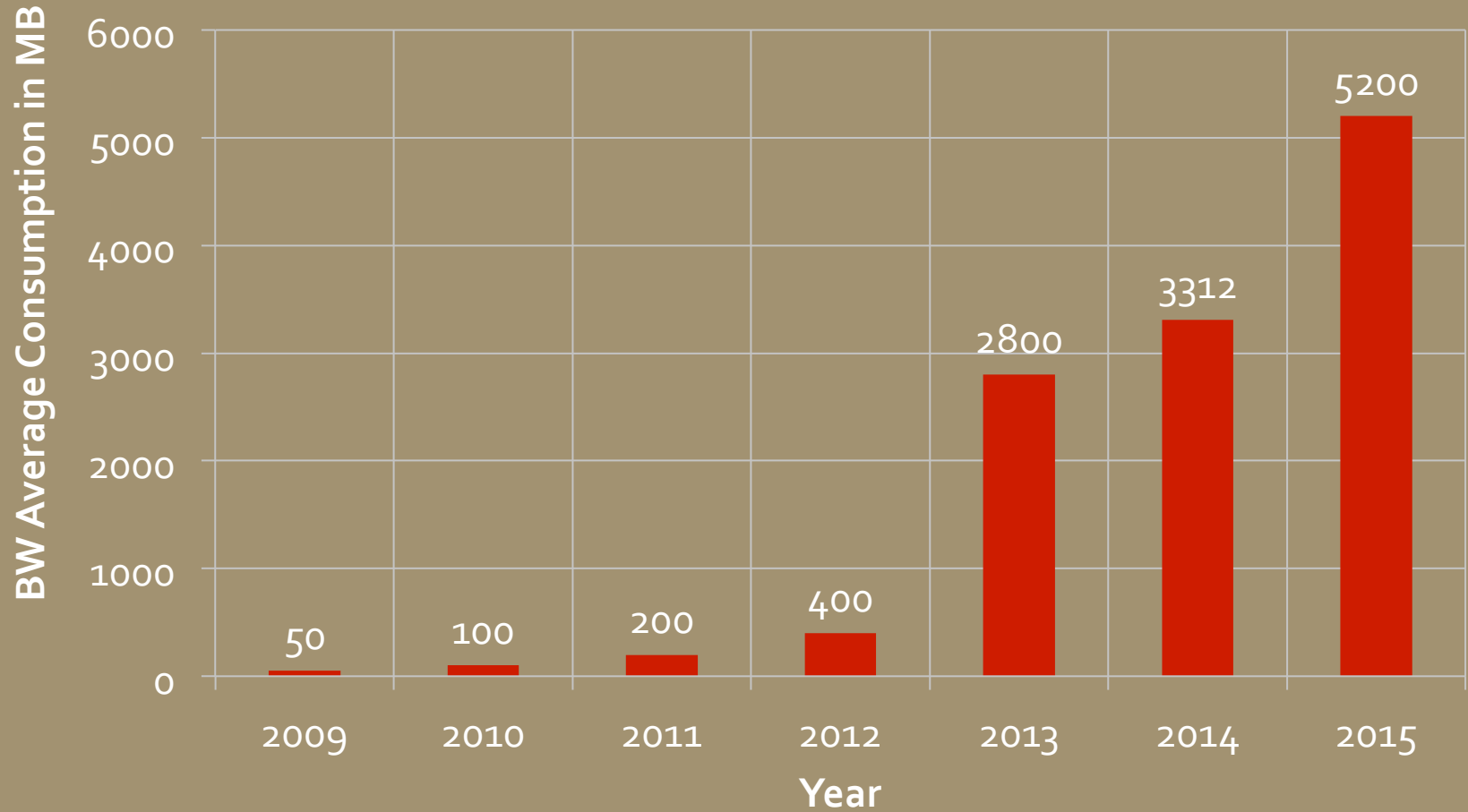

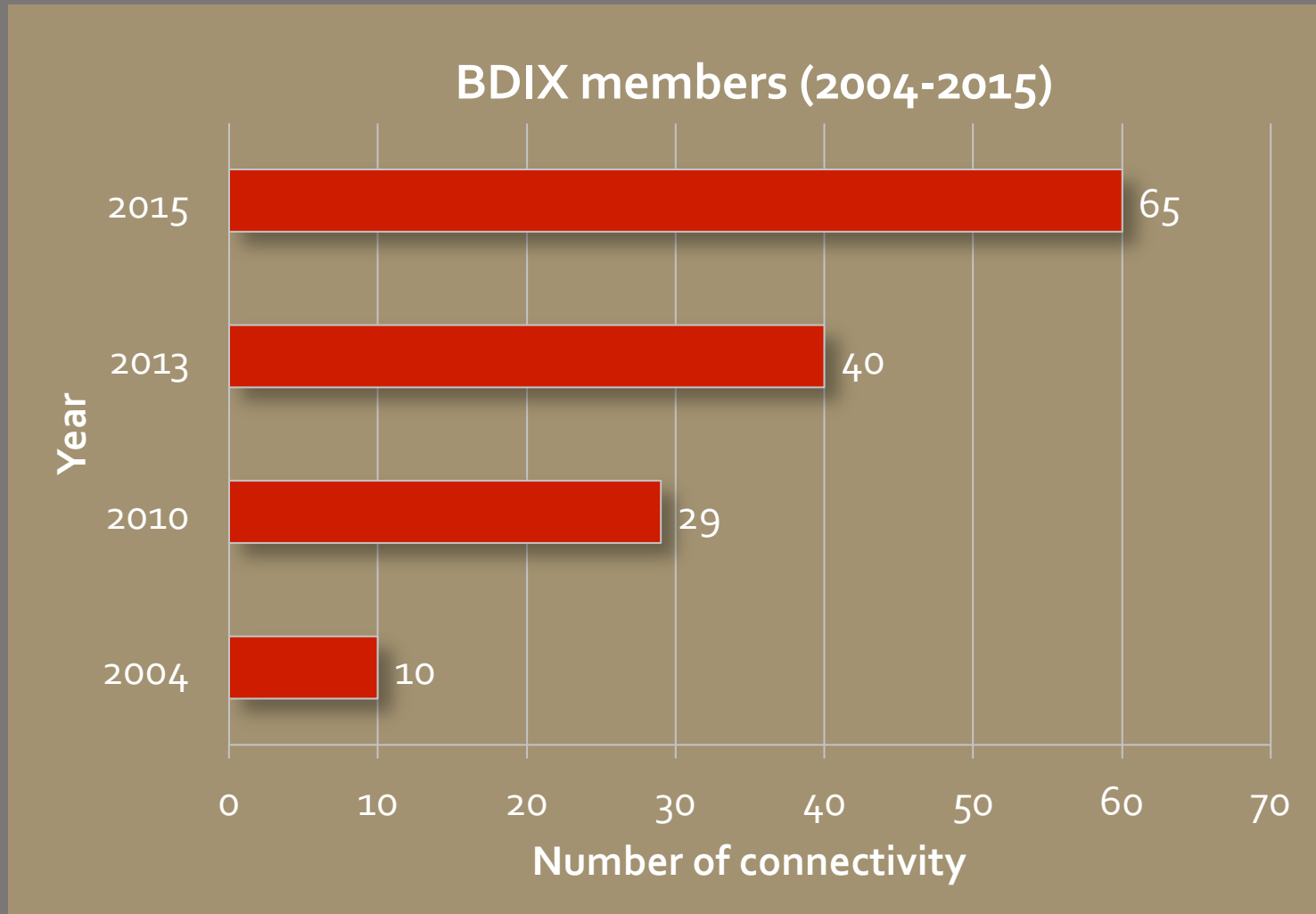|	Max	Average	Current
In	3312.8 Mb/s (33.1%)	2179.9 Mb/s (21.8%)	2785.9 Mb/s (27.9%)
Out	3177.2 Mb/s (31.8%)	2116.8 Mb/s (21.2%)	2739.6 Mb/s (27.4%)

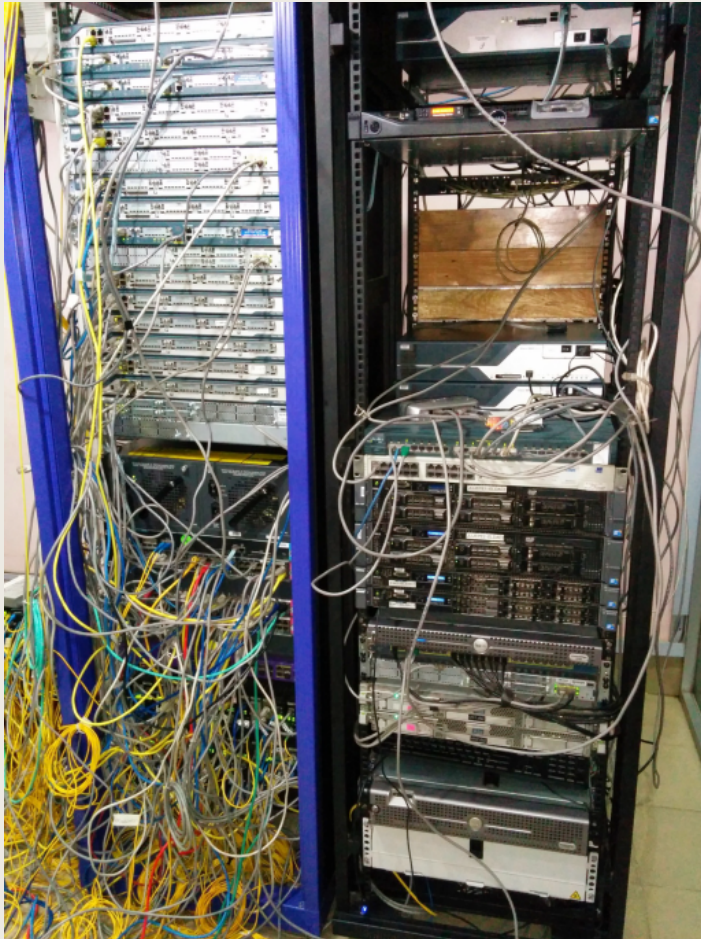# PAST TRAFFIC (July 16, 2012)

BDIX Traffic Growth Over the Years
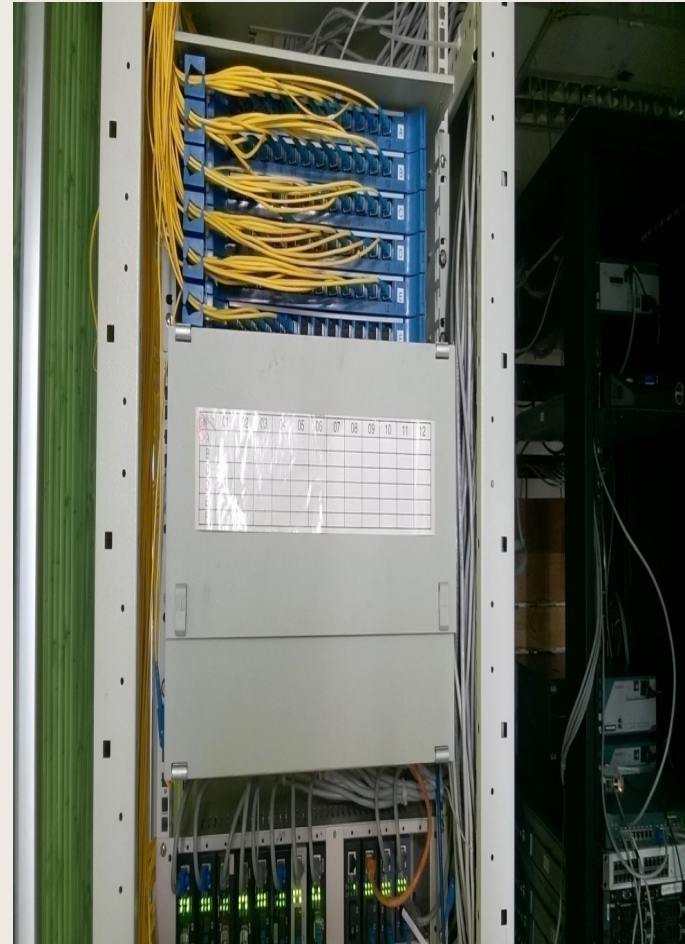
BDIX MEMBER GROWTH OVER THE YEARS

BDIX members (2004-2015)

Year

2015 — 65
2013 — 40
2010 — 29
2004 — 10

0 10 20 30 40 50 60 70

Number of connectivity

Racks' May, 2014

Racks' January,2015

Upcoming Changes , 2015-2016

Second POP in this year
PoP outside Dhaka
More Telco's are on the Queue

THANK YOU