

Nothing But Air And Opportunity!

FAQS

Q What is DES (Data Encryption Standard)

A In 1972, the National Institute of Standards and Technology (called the National Bureau of Standards at the time) decided that a strong cryptographic algorithm was needed to protect non-classified information. The algorithm was required to be cheap, widely available, and very secure. NIST envisioned something that would be available to the general public and could be used in a wide variety of applications. So they asked for public proposals for such an algorithm. In 1974 IBM submitted the Lucifer algorithm, which appeared to meet most of NIST's design requirements.

The Lucifer algorithm was adopted by NIST as a federal standard on November 23, 1976. Its name was changed to the Data Encryption Standard (DES). The algorithm specification was published in January 1977, and with the official backing of the government it became a very widely employed algorithm in a short amount of time.

Services - Better Internet Solutions



Focus

B2X Online, Inc. currently has service offerings for business and residential customers. Our product, with all its advantages, fits with today's user requirements. We are striving to provide the best possible Internet solution at competitive rates.

Offerings

B2X has many offerings based on where you receive our service. All of our areas receive a quality, reliable service.

We are capable of customer building a package for you based on your internet needs. For example, a gamer may need only 3Dn and 2Up with 75Gigs, or a stock broker may need a lot of download for viewing files 6Dn and 1Up with 50Gigs, or student may only need 3Dn and 3Up to take online classes. A standard business needs 4Dn and 2Up with 50Gig for its 5 employees, or connecting 2 store locations together each would need 4Dn and 4Up with 100Gig. These are great examples for basic internet needs.

Below is a table that outlines the available speeds for each type of product we offer.

WiMax	LOS	900 MHz
Download: 1Meg to 10Meg Upload: 1Meg to 4Meg	Download: 1Meg to 6Meg Upload: 1Meg to 4Meg	Download: 768K to 2Meg Upload: 384K to 1Meg

Business Service

Service speeds will vary based on your service area. Please contact us for more information. Below are the starting packages.

Package	Installation	Monthly	Usages	Static-IP	Remote Support
Entry	\$150	\$75.00	75GB	Included	Included

Residential Service

Service speeds will vary based on your service area. Please contact us for more information. Below are the starting packages.

Package	Installation	Monthly	Usage
Entry	\$120	\$45.00	50GB

All products and pricing were based on plans located in Salem, VA at April/2014. All names or products listed above are registered trademarks of the respected companies. * Equipment cost for modems may or may not be included in pricing plan and can be purchased separately. All plans and speeds are subject to availability of coverage area. A free site survey is required for all packages and services and actual pricings and speeds can be discussed with the site sales representative at time of visit.

Other offerings

Below are a few more services we offer:

Services:
Wireless Broadband

Virtual Networks
Virtual LANs
Co-location Floor Space
High Speed Hosting
Email POPs

Facts about our network

Network:

Switched Backbone - Motorola
Routers - Cisco
Other - Hewlett Packard, Dell, Intel

Points of Presence - POPs:

Please refer to
the link below
[Coverage Map](#)

System Advantages:

Over air data encryption
POE - Power over Ethernet
System integration
Simple Connectivity
Phase Shift Keying - Interference Reduction

Working Partners:

NTelos
COX Cable
Motorola

Our Back Bone:

Canopy Wireless - Motorola
NTelos
COX Cable

Monitoring:

24/7 SNMP System Monitoring
Bandwidth Utilization Monitoring
Switch Transfer Rate Redirection
Site Monitoring
POP Monitoring
Remote Monitoring

Product Advantages:

Price Competitive
Static IP Included*
Faster than DSL
Small foot print
Non-intrusive internal systems