



# BLACK BOX NETWORK SERVICES

*The World's Source for Cabling and Network Connectivity*

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## Argent Office

*The scalable, integrated voice PBX and data router.*

### **Product Features**

- Access router software
- Integral 8 port Ethernet Hub (10Base-T)
- WAN port X21, V35, V24 auto sensing
- WAN ports support PPP
- Communications : PPP, Mutli-link PPP, V.120, V.110, BACP
- Hardware Compression : CCP, Stac\* and MPPC\*
- PAP and CHAP authentication security
- Secure firewall DHCP
- Networks Address Translation (NAT)
- Single IP Address Internet connectivity
- Dynamic IP Addressing
- Cross-Chassis Multi-link PPP

### **Why choose Argent Office?**

With Argent Office, all the elements that you need to make your business communications successful as we approach the Millennium. Your business success depends upon people, and their ability to communicate quickly, efficiently and effectively. Communications systems are advancing and converging. Argent Office will enable your business to gain a competitive edge, by providing users with a more affective communications system, yet one that they will feel comfortable with. It can fit easily into any small, medium or distributed office environment, irrespective of the existing systems. This allows the migration from older existing systems to a fully integrated communications system to be carried out as the organisation evolves.

### **Fusion at the Desktop**

Good information and communication are the heart of a successful organisation and are often shown to be the reason behind outstanding success. Argent Office delivers a new level of flexible and sophisticated communications platform to the small-to-medium size organisation, hitherto only available to companies with large budgets and specialist IT support staff. Argent Office integrates LAN and telephony communications in one scalable solution, utilising ISDN and leased line connections. Argent Office provides:

- Integrated data routing for Internet, Intranet, Extranet and traditional private network access.
- Integrated Ethernet hub allows interconnectivity for all PC's, workstations and servers.
- Integrated firewall software for secure access to the Internet/Intranet.
- Integrated voice PBX utilising cost-effective, standard phones.
- Integrated remote access facilities for remote users.
- Integrated computer telephony features to optimise the communications to your desktop.

### **Invaluable Communications**

Specifically designed to meet the needs of the medium sized business, or remote office, the easy-to-install Argent Office router supports Dynamic Host Configuration Protocol (DHCP), allowing you to automate the management of your IP network addressing. This saves you time and negates the need for skilled support personnel, in the absence of a local DHCP server. The configuration Wizard provides a familiar Windows setup and control panel allowing easy configuration and control of the network.



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## **Firewall Security**

Internet security concerns are addressed through the provision of an integrated firewall, negating the need for an expensive, standalone, software solution tying up a PC. The firewall access software will allow you to control just who can access external resources and when, whilst isolating your private networks from the Internet. The integrated firewall will also perform Network Address Translation allowing access to the Internet using a single pre-configured, or dynamically assigned IP address, yet allow all your PC's and workstations simultaneous access if and when required. The firewall access software features time of day / day of week and usage limits to control access for each PC on the network, providing peace of mind for security. Furthermore access control allows you to prevent unauthorised use of your valuable resources, so delivering tight budgetary control of your WAN costs.

## **Integrated Voice PBX**

When the Argent Phone module is deployed in conjunction with the Argent Office, the ISDN connections can be used for conventional telephone, fax or modem connections on addition to carrying data. Argent Office provides a fully featured integrated voice PBX providing enhanced facilities, while requiring only standard and inexpensive telephone handsets. Argent office forwards caller display information to the telephone ports and associated PCs, so allowing the number and name of the caller to be displayed on any standard phone supporting this feature and / or on the PC screen.

## **Computer Telephony for All**

Argent Office brings the benefits of CT, until now only economic in large call-centers, within the reach of even the smallest organisation. Up to 96 standard telephones can be connected to Argent office, and due to the tight integration between the extended telephony features and the high speed LAN connections, each telephone can be linked to a user's PC, utilising Microsoft's telephony API (TAPI), to provide a myriad of value added features. TAPI is an inherent feature of Windows NT 4.0 and Windows 95. All incoming calls can be monitored and logged on a user's PC. The incoming call's number can be displayed on both standard telephones supporting this and on associated PC screens. Argent Office supports multiple subscribers numbering (MSN) and sub - addressing to allow the easy routing of incoming calls. Furthermore, support for enhanced telephone services/ Star services/ Select services means users can take advantage of value added public network facilities such as call holding where available.

Argent Office defines a new level of computer Telephony convergence, with unanswered calls being directed to a digital voice-mail, providing a unified voice and E-mail messaging interface.

## **Windows 95/NT 4.0 Compatibility**

Argent Office is fully compatible with Windows 95, Windows NT and Windows NT Workstation 4.0 and takes advantage of many of Microsoft's in-built Computer Telephony features and facilities.

## **Remote Access**

The integral Argent Modem 2 modem interface module allows the integration of Modem dial up, telephone and digital Internet/Intranet access in one compact unit. The modem(s) can be pooled to allow the outgoing modem to be shared amongst the local PC's (especially for fax modems).

## **Modular Stackable System**

The Black Box Argent Office system consists of a series of modules that may be shelf or rack-mounted. Modules can be added easily and quickly as and when required.

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## ***Specifications***

### **Interfaces**

- Dual ISDN BRI S/T : RJ45 ETSI S/T Interface CTR3 for Pan European Connection
  - Quad ISDN BRI S/T : 4 RJ45 ETSI S/T Interface CTR3 for Pan European Connection
  - PRI (30 Channel Primary Rate Interface) : RJ45 ETSI S/T Interface CTR4 for Pan European Connection
  - LAN : 8 x RJ45 ports, 10 base T Ethernet Interface ( all Hub interface for connection to Transceivers/PCs)
  - Expansion: 6 x RJ45 ports, for connection to Expansion Modules.
  - Audio Input : 3.5" Stereo jack socket
  - Power: 12 Vdc Power jack. Power adapter CE Safety Approved.
  - Protocols PPP, Multi-link PPP, PAP, CHAP, STAC, MPPC, DHCP, NAT, IP, TCP.
  - Compression: Hardware Compression module, auto sensing complies with CCP, Stac and Mppc standards. Provides compression ratios from 2:1 up to 10:1, dependent on data type.
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### ***Ordering Information***

<i>Item</i>	<i>Code</i>
Argent Office 4	ISU9403
Argent Office 8	ISU9404
Argent Office 30	ISU9405

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