Atrie1700E modular security router is developed by Atrie for small and medium business(SMB) and small-sized branches to construct special networks and Internet access of mini business organizations. You can, according to current requirements, customize relative services, such as VPN and voice. At the same time, Atrie1700E router integrates many other functions, such as firewall, transmission and encryption, with simpleness, so that it can provide you with a flexible, secure, reliable and low-cost solution.

Key Features

- Low cost
- High-performance and high-reliability
- Dialup-on-demand no-data hang-up
- VoIP Integration
- Flexible terminal access
- Perfect QoS mechanism
- Supporting SNA access
- Supporting DLSw protocol
- Supporting Route and transmission integration
- Realize graduation distributed network management

low cost

Atrie1700E router has a very high natural price ratio, when satisfying the small and medium-sized enterprise and the small branches different network demands, fully considered the users network construction inverstment, provided flexible, safety, the low cost network visit solution.

supporting dial-up on demand and no data hang-up

Atrie1700E provides the perfect low cost dail-up solution, realize no data hang-up function through inbuilt MODEM of Atrie Technology Inc. Together with DDR will greatly reduce the communication expense.
Of course, the Atrie1700E series router also support the out fixed MODEM standard DDR dial-up pattern, which satisfy the users different network needs. and can realize many dial-up users share phisic interface through Dialer Pool and then complete different calling function.

supporting kinds of network crisis disposal mechanism

Atrie1700E provides kinds of backup, normally the inbuilt MODEM uses as the dialing backup, switch to the long-distance disposition pattern through the button, both the user and the factory may maintenance in any place, guarantees the high reliable network demand. The standard power supply module which has passed the CE authentication guarantees the

protection of the storm, over-load pressure, low pressure, over-load current. This kind of module has a stable output and hihg reliability,and supports instant power off protection, ensure the equipment normal operation.

comprehensive compatible the mainstream merchant router product

Atrie1700E router provides the popular disposition interface and style, simple and easy to use. And follows RFC standard and maintream field standard, which may achieve that in different network environment   each level network protocol can exchange with the mainstream merchant network equipment.

support QoS technology

Providing QoS ability is the basic demand for the future IP network, in view of different demands, Atrie1700E can provide acceptable band width and different grade of network service function, support PQ, FIFO, WFQ, CQ and so on lines up strategy, may provide the small and medium-sized enterprise comfortable and low cost multifunctional service platform.

support VoIp second dialing technology

Atrie1700E router provides kinds of VoIP modules, has the "second dialing" function, that is dialing into Atrie1700E series routers IP gateway, and then may freely dial to each IP port in the IP network, avoiding dialing to the appointed IP port through PSTN network, which has the actual use value. Atrie1700E router supports standard H.323 protocol bunch and CK interface, and can realize the communication with such VoIP products of Cisco, Audio Codec, Motorola.

support DLSw protocol

Atrie is the first domestic company which realize the SNA and DLSw, LLC2 protocol, and is completely compatible with DLSw PLUS proltocol of Cisco. Such protocols are already widely used in the financial system. The Atrie router connects Cisco through DLSw, LLC2, hangs ATM machine, prepositive machines and so on. At present, these are widely ,stably, reliably running in the customer network. Atrie 1700E can realize SNA protocol data unit bridge and tunnel transmit in the IP network, support the PU connection of QLLC, LLC2 and SDLC.

support route transmission integration

Integration brings a lot of advantages, if when DDR, FR such main circuitry gets breakdown, Atrie1700E router can automatically switch to backup line to transmit data without using out fixed Modem. The inbuilt transmission module includes frequency band 336/56k Modem and base band 128k Modem, ISDN ST/U module. The whole network only contains one router and terminal equipment, very simple not only to largely reduce the equipment investment, but also may greatly reduce the system failure rate.

realize graduation distributed network management

Atrie1700E router supports SHELL, WEB, SNMP these three concentrated network management pattern, which may easily realize the equipment network configuration, the network monitor, accounting and maintenance. The SNMP network management may adopts Atrie Materplan to comprehensively manage, and also can integrate in Openview, IBM Netview, CA Unicenter the third party network management platform to manage.

Technical Specifications

Item	description					
Product configuration						
Model	10/100Mbps Ethernet interface	Console port	WAN slot	VoIP slot	high-speed synchronous / asynchronous serial interface	SNA/IPSEC Jack
Atrie1700E	2	1	1	1	1	1
performance						
CPU	High speed RISC processor					
flash	8MB, NOT upgradeable					
memory	64MB, Not upgradeable					
throughput	40Kpps					
protocol						
Link protocols	PPP,SLIP,SDLC,FR,LLC2,ISDN,X.25,HDLC,LAPB,Ethernet_II,Ethernet_SNAP,802.1Q					
Network protocols	TCP/IP,ICMP,UDP,FTP,TFTP,SNMP,TELNET,RLOGIN,DHCP,HTTP,DNS,ARP,DLSw,DDR					
Routing protocols	Static routing,RIPv1,RIPv2,OSPF,BGP,NDSP,IRMP,SNSP,IGMP,DVMRP,PIM-SM/DM					
Security	PPP encryption,PPTP,L2TP,GRE,policy routing,AAA,IPSec,IKE,PKI,CA,MPLS L3VPN					
Voice over IP	H.323,H.225,H.245,RTP/RTCP,RTP compression,T.38/T.30,G.711A/?G.729,G.729A/B,G.723.1(5.3/6.3K)					
Qos	FIFO,PQ,CQ,FQ,WFQ,CBWFQ,LLQ,RSVP,CAR,SPD,WRED,traffic shaping					
Physical index						
Dimension (H*W*D)	44.5mm*340mm*230mm					
weight	<2.5Kg					
Power supply						
AC Power supply	Input voltage:100-240V input current: 1A frequency : 50/60Hz					
Power consumption	45W					
operating environmente						
Operating	0-55 °C					

Temperature	
OperatingRelative humidity	10~90%, non-condensing

Order Information

model	description
Atrie1700E-AC	Atrie1700E router mainframe, with 1 WAN slot and 1 VoIP slot, 1 fixed high-speed synchronous / asynchronous serial interface and 2# 10/100Mbps FastEthernet interfaces, with internal AC power supply.
Ipsec	Ipsec software, IPSec chip is required
SNA	SNA software, SNA chip is required
Ipsec + SNA	software supports Ipsec and SNA together , a special chip is required
RM2-1ETE	1-port 10Mbps external Ethernet module
RM2-1SAE	1-port high-speed synchronous/asynchronous serial-port module
RM2-1M336	1-port 33.6K voice-band MODEM module
RM2-1M128	1-port 128K base-band MODEM module
RM2-1CEl	1-port channelized E1/ ISDN PRI module
RM2-1E1	1-port non-channelized E1 module
RM2-1U	1-port ISDN U module

RM2 1ST	1-port ISDN S/T module
RM2-1VOP	1-Port FXS Module
RM2-1VOS	1-Port FXO Module
RM2-2VOP	2-Port FXS Module
RM2-2VOS	2-Port FXO Module

Atrie Technology Inc.