



## u/SNAC™

### OVERVIEW

The u/SWITCHWARE® Network Access Controller (u/SNAC™) is a multi-purpose system that complements the u/SWITCHWARE® ATM/POS Transaction Switching System in performing several critical functions. The system is flexible, can be scaled to meet future growth requirements and utilizes industry standard components that are easily serviced and maintained.

Residing at the data center, the u/SNAC™ is primarily responsible for Network Monitoring and control. Other important functions include serving as a Legacy Gateway and a platform for applications such as the u/SNITCH™ Notification System, HSM Server™ and u/VOLTDS® Network Services client.

### NETWORK MONITORING

One primary function of the u/SNAC™ is to serve as "command central". Client applications may be run from the u/SNAC that provide access to u/SWITCHWARE's system settings and parameters. Typical functions include:

- u/SWITCHWARE network setup
- ATM monitoring statuses/supplies, etc.
- Transaction log queries

### LEGACY GATEWAY

Today's latest generation of application software and self-service devices normally support LAN connectivity and TCP/IP communications. However, many companies still have large investments in their legacy systems and the migration to newer technologies is a gradual and expensive process.

A transaction switching system must not only provide support of the latest self-service technologies but must

also be equipped to support existing legacy systems and devices.

In response to these needs, the u/SNAC™ can be configured as a legacy gateway, enabling u/SWITCHWARE® to support legacy connections ranging from a single network connection to an entire network of authorizers, switches, third party applications and self-service devices. Typical support includes:

- Polled or dial-up ATMs
- Polled or dial-up POS terminals
- Legacy authorizer connections
- Legacy switch connections
- Other third party systems

The u/SNAC™ is responsible for converting the legacy protocol to TCP/IP for delivery to the various EFT systems connected to the backbone.

The u/SNAC's configuration can also be scaled to meet the needs of any network. Depending on the number of legacy connections and self-service devices in the network, the u/SNAC™ will include one or more communication boards. The communications boards support a wide range of legacy protocols and each port can be uniquely configured to support dedicated lines, pollable and dial-up devices. As an example, a u/SNAC™ with a single 8 port communication board may be configured to support a single dedicated X.25 line while the remaining seven ports are used to support a network of asynchronous polled ATMs.

### PLATFORMS SUPPORTED

- Intel Pentium computers

### MINIMUM HARDWARE

- Intel Pentium IV or better
- 1GB RAM or better
- 40GB hard drive or better
- Color monitor
- CD ROM
- Ethernet Adapter (10/100 NIC)

### OPERATING SYSTEMS

- Windows® 2000 Professional
- Windows® XP

When used as a legacy gateway:

- Windows® 2000 or 2003 Server

### INTERFACES

- Ethernet LAN and TCP/IP
- 8 sync/async serial ports per communication board for legacy connections
- Up to 4 communication boards maximum per u/SNAC™ system
- Individually port configurable for: RS232 (V.24 V.28), RS422 (V.11), X.21, V.35

### LEGACY PROTOCOLS SUPPORTED

- NCR polled
- Burroughs TC500/700 polled
- IBM 3270 Bisynchronous
- IBM 3780 Bisynchronous
- SNA
- X.25
- Visa II (dial-up)
- TCP/IP

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CSF International (CSFi) is a global provider of technically advanced ATM/POS transaction switching software. Clients are located in over twenty countries and include community banks, network providers, national banks and holding companies.

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