

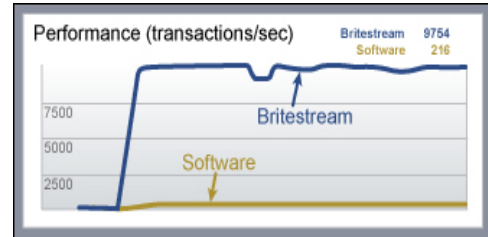


## Bristream Applied: PortWise Managed Access

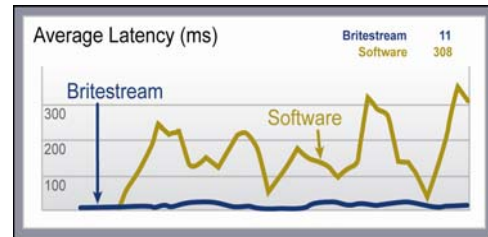
### Key Benefits

- 100% SSL Offload frees up server resources allowing PortWise applications to leverage all server CPU cycles.
- End-to-end solution for remote and local client-to-server SSL connections.
- More secure than software-based SSL and TLS implementations.
- Additional host attack protection with secure storage of keys and certificates and TCP port blocking.
- Up to 100,000 simultaneous connections and 10,000 transactions per second.
- Faster in-server SSL and TLS solution.

The award-winning Bristream™ data privacy technology provides a secure, scalable and simple solution for offloading SSL and TLS encrypted network traffic for the PortWise™ Identity and Access Management platform.



Bristream provides a breakthrough solution for the growing challenge of data security. SSL and TLS can often impose a significant performance penalty on a software-based SSL VPN solution such as the PortWise Identity and Access Management platform. The Bristream SSL Security NIC eliminates this problem with 100% SSL offload which allows the PortWise Identity and Access Management software to maximize performance for its primary function —



providing policy-based application access. The Bristream SSL Security

NIC enables a single PortWise server to support more applications and access from a greater number of remote users.

### Scalable Performance and Easy Integration for PortWise Identity and Access Management

Securing communication from a mobile user's device to the applications and data being accessed is critical to ensuring a safe and productive working environment. PortWise helps optimize the user experience with a clientless SSL VPN that removes the need to install proprietary software on the device, using standard Web browsers such as Internet Explorer, Firefox, or Safari, for access. Together, Bristream and PortWise offer superior security and performance, with no penalty for increasing the number of SSL or TLS sessions.

### Advanced Security for Portal Applications

IT Administrators can choose among Bristream's supported advanced cryptographic functions including RSA key sizes up to 4K, plus a variety of encryption algorithms such as RC4 and FIPS compliant AES, 3DES and DES. Private keys are not stored in software, but rather on the card in secure non-readable hardware. The Bristream solutions are FIPS certified ensuring significantly less predictability than those used by software-based implementations. FIPS 140-2 level 3 deisgned version also available. Adding the Bristream NIC supplies an additional layer of protection with advanced functions such as TCP port blocking, packet grooming and DOS mitigation.



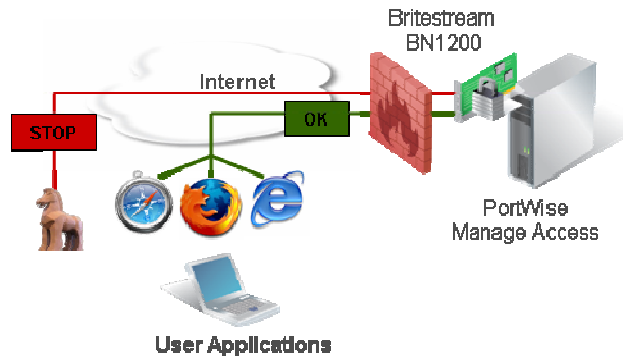
BRITESTREAM

DATA SHEET

## APPLICATIONS

### PortWise Managed Access

The Bristream BN1200 added to each PortWise Managed Access application server offers flexible deployment options and additional security. Bristream's solution provides 100% offload for all SSL so there is no performance compromise for securing all remote communications.



### Web Applications

The Bristream SSL Security NIC is added directly to the application providing a simple, secure, and scalable solution for securing data end-to-end. Protect data from the browser directly to the PortWise Managed Access application servers for internal and external access.

### Common usages:

To provide a comprehensive, integrated and completely secure software platform for identity and access management.

Enables enterprises to secure:

- consumer communications across the internal corporate network and across the internet
- remote access for employees
- online business transactions and partner communications

## SPECIFICATIONS

### Performance

- Up to 10,000 SSL TPS (1K-bit RSA keys)
- Up to 100,000 simultaneous connections
- 800 Megabits of encryption or decryption per second

### Network Interface

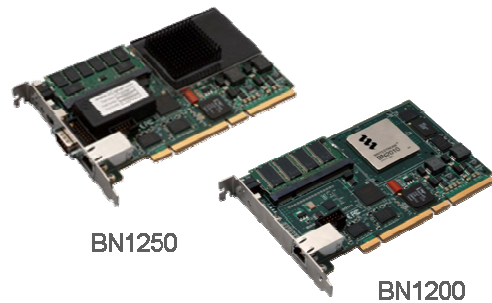
- 10/100/1000 copper Ethernet

### Cryptography

- ARC4, AES, DES, 3DES bulk cipher algorithms
- 1K, 2K, 4K-bit RSA exponentiation
- Stores up to 256 certificates & associated private keys

### Protocol Versions

- SSL 3.0, TLS 1.0, responds to SSL 2.0 Client Hellos



BN1250

BN1200

## BRITESTREAM AWARDS



# PortWise

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RoHS compliant (Restriction of Hazardous Substances (RoHS) Directive (2002/95/EC) of the European Parliament) as of July 1, 2006 - available in most countries upon request.