

## iCYA - Keeping Your Mainframe TCP/IP Data Secure

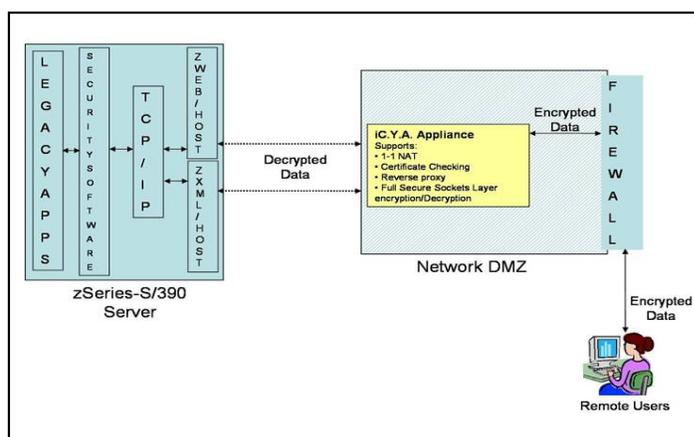
With over 70% of the world's data safe and secure on IBM mainframe servers, ensuring that data stays safe and secure is critical.

That's why we offer the iCYA™ (illustro's Control Your Access) network security appliance. The iCYA delivers a full implementation of the Internet-standard Secure Sockets Layer (SSL) encryption technique to ensure your TCP/IP data is protected. SSL encryption delivers up to 256-bit [RSA certified](#) security that ensures your data is useless in the wrong hands.

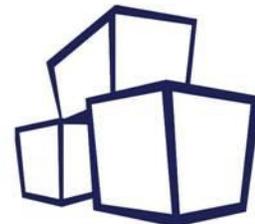


The iCYA is a 1U-height, rack-mounted network appliance that is delivered *fully configured* to your network specifications, literally ready to plug in and use. And for mainframe systems that don't have cryptographic processor support, the iCYA offloads the encryption/decryption cycles from your mainframe to a low-cost network appliance. Plus, the iCYA works with any TCP/IP stack, on either z/OS-OS/390 or z/VSE-VSE/ESA, so there's an answer for each environment.

The diagram below is an example of the network flow of an iCYA box installed in a corporate network: Many of our customers use the iCYA in conjunction with **z/Web-Host** and **z/XML-Host** to form a complete Internet-enabling solution that gives them the comfort they need to deploy their data. And since nearly all web-browsers are SSL compatible today, the iCYA delivers end-to-end security right out of the box, without the need for any additional software.



Exchanging your mainframe data via the Internet *can* be **Easy**. For more information or to experience a live demo of the iCYA, go to [illustro.com/icya](http://illustro.com/icya) or call us today toll-free at 866-4-illustro (outside the U.S. 214-800-8900). We make it **Easy**.



## Product Features and Specifications

### ✓ Total TCP/IP Encryption Solution for Your Mainframe

- Complete, turnkey solution — delivered completely ready to simply open the box, plug in and use for encrypted data support
- Works with any TCP/IP Stack, including Barnard Systems, Inc.'s TCP/IP-Tools and Connectivity Systems' TCP/IP for VSE and IBM's z/OS Communications Server
- Works for HTTP (Web), FTP, Telnet and other applications
- Supports SSL 3.0 and TLS 1.0
- Supports encryption algorithms including Triple DES, DES, both AES 128-bit and 256-bit
- RSA certified public/private encryption
- Supports most 3rd Party SSL Certificates (Verisign, etc.) Supports self-signed certificates
- Capable of blocking IP ranges (exclusion)
- Allowed IP client address (inclusion)
- Audit log contains user by IP address, elapsed time, bytes transferred, and other metrics
- Trace facility for trouble shooting
- Redundant hardware for maximum reliability
- Dual embedded 10/100/Gigabit NICs – Token-Ring capable
- Remote management via secure administration tool
- 90 day warranty and support, extended maintenance available
- Live demo available at [illustro.com/icya](http://illustro.com/icya)



For more information on the iCYA Security Solution, visit us at [illustro.com/icya](http://illustro.com/icya)  
or send an email to [info@illustro.com](mailto:info@illustro.com).