# Products

Product Description

Secure and Powerful Mainframe Web Server for z/VM-VM/ESA

Industry analysts report that over 70% of the world's data is served up from the secure and reliable environment of the IBM mainframe. And since a majority of IBM mainframe sites use IBM's z/VM or VM/ESA oper-
ating system, it's essential to have an industrial-strength Web Server to make that data available to your users in a format they have come to expect.

That's where z/Web-Server for VM™ comes in. A member of illustro's z/Ware line of Internet-enabling software for mainframes, z/Web-Server for VM provides a secure and powerful web server environment to make your VM-based data available to web-based users across your network environment. With z/Web-Server for VM, you control who has access across your Intranet, Extranet or the World Wide Web.

Intranet

Network

RSA SECURITY®

WWW

IBM Mainframe with
z/Web-Server for VM

Extranet
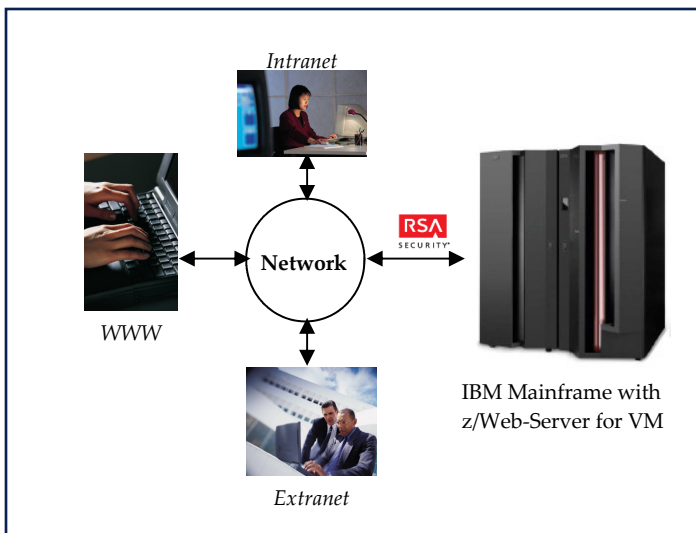
z/Web-Server for VM gives you the flexibility to lever-
age the proven strength, reliability and scalability of today's mainframe with the web-browser access to data your users demand.

Data Protection with Extensive Security

With the optional z/Web-Server Secure Feature, your mainframe data is protected using industry-standard Secure Sockets Layer (SSL) encryption technology. Using licensed technology from RSA, Inc., z/Web-Server Secure Feature ensures a secure HTTPS ses-
sion is used when needed to add additional protection. What's more, client authentication and validation is supported with digital certificates from a Certificate Authority. You can even manage the generation and storage of public and private keys using z/Web-Server Secure Feature's Web-based utility. And to extend the value of your existing mainframe security solutions, z/Web-Server for VM interfaces with all popular external security solutions including *e*Trust CA-ACF2, CA's *e*Trust VM:Secure, and IBM's RACF.

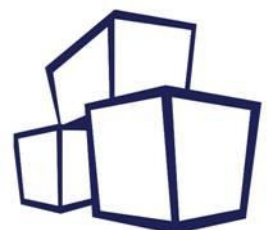## Feature-rich Web Server with Programming Extensions

z/Web-Server for VM also provides the ability to extend the functionality of your Web server with CGI programs written in Assembler or REXX using CMS Pipelines. Using z/Web-Server's CGI authoring tools to streamline the process, this allows you to develop your own applications to suit your needs, including to process form data or update a database directly on the mainframe. And the features continue with dy-
namically loadable CGI modules, full CERN/NCSA audit logging—-even multiple-IP domain support.

Experience the most secure, robust Web Server for VM today.
Visit illustro.com/livedemos to interact with a live running copy.
And download z/Web-Server for a free 30-day trial experience on your own system at
illustro.com/downloads**. z/Web-Server for VM—at your service.**

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Product Features and Specifications

✓ Runs Directly on your Mainframe

z/Web-Server runs natively on either z/VM-VM/ESA meaning you don't have to use a less reliable, third-tier just to get Web access to your mainframe data. Besides the z/VM-VM/ESA TCP/IP stack, no additional software is required.

✓ Secures Access to Your VM Data

The z/Web-Server Secure Feature delivers full encryption capabilities using Secure Sockets Layer (SSL) based on technology licensed from RSA, Inc. This ensures access to your mainframe data stays secure, and your users know they're protected by indicators in their browser. Support is also included for NCSA compatible security on virtual directories, in addition to passwords based on the VM CP Directory.

✓ Interfaces with Industry-standard Security Products

If you rely upon one of the industry-proven mainframe security products, you can rest easy because z/Web-Server for VM interfaces directly with the popular products including *e*Trust CA-ACF2, CA's *e*Trust VM:Secure, and IBM's RACF.

✓ Extends your Applications with CGI Programs

z/Web-Server for VM provides authoring tools to make the development of your own extensions easy to create server-side programming through Common Gateway Interface (CGI) plug-ins. Using Assembler or VM's robust REXX language with CMS Pipelines, you can do forms processing, manage database access, or add any other host-side facility to enhance the Web-browser interface to your VM data. In addition to the CGI authoring tools, z/Web-Server for VM provides a debugging mode for your own troubleshooting during CGI development.

✓ Includes Web-based Management Interfaces

z/Web-Server for VM can be configured via a Web browser, where all of the various options can be set interactively. This makes it easier for mainframe and non-mainframe personnel alike to manage the Web Server options. There is also a GUI interface for the SSL key management, making it simple to generate and maintain public and private keys for encryption.

✓ Provides Robust Web Serving Environment to Ensure Reliability, Security and Accessibility

z/Web-Server for VM includes a variety of other important features that sets it apart as the best Web Server for z/VM-VM/ESA environments:

- VHost facility supports multiple hosts from the same server image, and each virtual host may have its own x.509 certificate
- CERN/NCSA common log format, customizable with the ability to add user-written exits for additional manipulation
- Access to the server can be configured to require a password, and specific IP addresses can be prohibited. User groups are fully configurable and the user access control list can be changed without restarting the server

✓ Free and Easy Download for a 30-day Trial

The best way to experience z/Web-Server for VM is to try it yourself in your own environment. Visit illustro.com/downloads and download a copy for a FREE and Easy installation.

Experience z/Web-Server running on our live z/VM system at illustro.com/livedemos today.