



« Just-in-time » access to the Information System



Architect of an Open World™

VIPIet

Why use VIPIet?

To facilitate access to applications resident on your GCOS and/or UNIX host systems:

- Without impact on or modification of your existing applications
- Without intervention or installation of any additional software package on each workstation
- Without surcharge for occasional users.

The Information System is accessible by each user, wherever he is, according to his access rights, and this with no specific installation costs on his workstation. In addition, the number of licenses corresponds to the number of simultaneous sessions, and not to the maximum number of users, thus reducing costs.

To exploit the possibilities of the Internet and its universal interface: downloading of the emulator providing access to your system takes place at the required moment (Just-in-time).

What is VIPIet?

VIPIet is a Java applet residing on a Web server of the enterprise.

It ensures terminal emulation, allowing users, wherever they are, to easily access applications resident on the host system:

- Using a browser and thanks to a simple "click" of the mouse, the applet is downloaded to the workstation
- A rapid access to the application is guaranteed due to a persistent

connection to the host system via a TNVIP SE or Telnet communications server.

In addition, thanks to its Java Web Start interface, the downloading is effected only once for a given version of the applet, with no impact on the functioning of the browser.

VIPIet offers multi-platform support: Windows, Aix, Linux.

VIPIet also offers:

- An API, allowing the activation of VIPIet functions from a Java application
- Script support, allowing the automation of some connection and transaction sequences
- An FTP client which can be used in interactive mode or in automatic mode for executing a series of pre-configured transfers from a shortcut on the desktop.

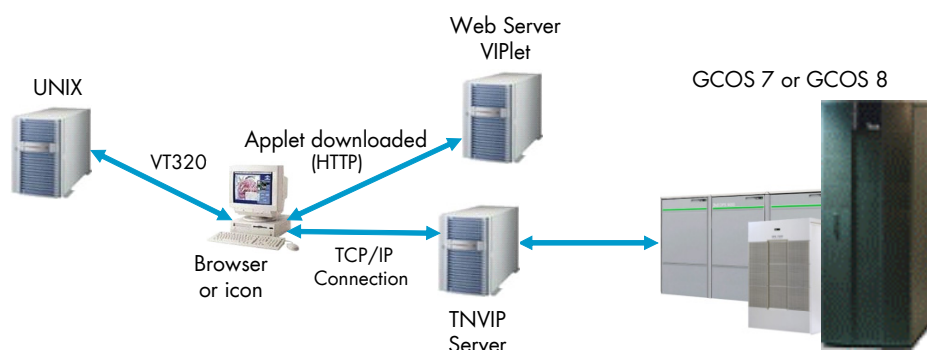
Java Web Start

Java Web Start technology is used to deploy applications based on a Java 2 platform. This technology allows the user to execute and manage applications on any platform, from anywhere on the Web. Using Java Web Start technology, VIPIet can be rapidly activated by a simple click from a desktop shortcut. Java Web Start ensures that the most recent version of VIPIet is deployed.

With Java Web Start, connection and file transfer shortcuts can be created to allow even faster activation.

General architecture of VIPIlet

The TNVIP server and the Web server where VIPIlet resides can cohabit on the same platform, including on the Windows part of DPS 7000/XTA or NovaScale.



ENVIRONMENT	Browser	FUNCTIONS	Ease of use
<p>Server An HTTP server supporting CGI scripts must be installed on the server, for example :</p> <ul style="list-style-type: none"> - Microsoft IIE - Apache <p>Systems and platforms supported Windows NT 4.0 (SP 6a) Windows 2000 Server on IA32 Windows 2003 Server on IA32 Windows 2003 Server on x64 Windows 2003 Server on IA64 AIX 4.3 or + 32-bits AIX 4.3 or +64-bits Linux RedHat 3 Update 8 or + on IA32 or x64 or IA64 Linux Suze SLES9 SP3 or + on IA32 or x64 or IA64 Bull MainWay</p> <p>Workstation VIPIlet uses the Sun JRE version 1.4.2_01 or +. For those browsers which support it, VIPIlet automatically installs the plug-in Java 1.6.0 at the first invocation of the VIPIlet URL. VIPIlet is not installed on the workstation; it is automatically down-loaded to the Java cache by the browser or by the Java plug-in.</p> <p>Systems supported on IA32 Windows 98 SE (1st and 2nd editions) Windows NT 4.0 (SP 6a) Windows ME Windows 2000 Professional Windows 2000 Server Windows XP Windows 2003 Server Windows Vista Linux RedHat 3 Update 8 or + Linux Suze SLES9 SP3 or +</p>	<p>Any browser compatible with the Sun Java plug-in, version 1.4.2 or +, for example:</p> <ul style="list-style-type: none"> - Internet Explorer 5.5 or + - Mozilla 1.4 or + - Firefox 1.0 or + - Netscape 4.7 or + <p>Communications TCP-IP network</p> <p>Packaging 1 CD for access to GCOS 7, GCOS 8 and UNIX</p> <p>Licensing</p> <ul style="list-style-type: none"> - Licenses according to the number of simultaneous connections - Temporary license for two months effective from the date of installation - Possibility of defining licenses for a backup server - Optional license for the VIPIlet API <p>TNVIP Server (for GCOS access) VIPIlet provides access to GCOS hosts via TNVIP servers : TNVIP-SE, TNVIP-AIX, TNVIP-NT, TNVIP-MainWay</p> <p>Emulations GCOS DKU : VIP7001, VIP7700, VIP7760, DKU7005, DKU7105, DKU7107, DKU7211 GCOS VIP : VIP7801, VIP7802, VIP7804, VIP7813, VIP7814, VIP8800, HDS7 UNIX : VT100, VT220, VT320</p> <p>Thin client Java applet</p>	<p>Activation From a browser or a desktop shortcut</p> <p>Printing</p> <ul style="list-style-type: none"> - Complete definition of printing attributes - Screen hard copy to a local or a remote printer - Support of SDP and TTU modes - Session log printing to a local or a remote printer - Transparent printing to a local or a remote printer - Host file printing to a local or a remote printer - Printing to a file - Print adapters to adapt a document to a printer <p>Configuration/administration</p> <ul style="list-style-type: none"> - Centralized on the Web server - Can be adapted dynamically by a user according to his access rights <p>Security</p> <ul style="list-style-type: none"> - Applet signed by a Verisign certificate - Encryption of user names and passwords - The administrator can assign a wide range of access rights - User and group access may be limited to certain workstations - User connections may be restricted to those using a single TNVIP Resource - User information encrypted in connection shortcuts - Connection shortcuts restricted to a single workstation - Optional password for shortcut activation 	<ul style="list-style-type: none"> - Wide choice of user preferences: colors, character sizes, cursor, window - Set of entirely configurable menu commands - Macros and function keys (accelerators) to reduce typing effort - Image and text buttons corresponding to macros and menu commands - Copy/paste - Support of scripts with a simple language allowing execution of a number of actions in the emulator and access to workstation files. This allows the automation of connections and transaction sequences and also the exchange of data between the GCOS applications and external applications via local files - A Java API allowing the customization and piloting of the VIPIlet emulator by a client Java application. This allows automation of actions and data exchange, with in addition, customization of the display and all the richness of the Java API - Buttons (image or text) which can be associated with macros, scripts or menu commands - FTP client with a convivial graphical interface for use in interactive mode, with the possibility of pre-configuring automatic transfers and executing them with a simple click from a desktop shortcut

For further details, please contact your commercial interface or the NovaScale GCOS Competence Center.

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