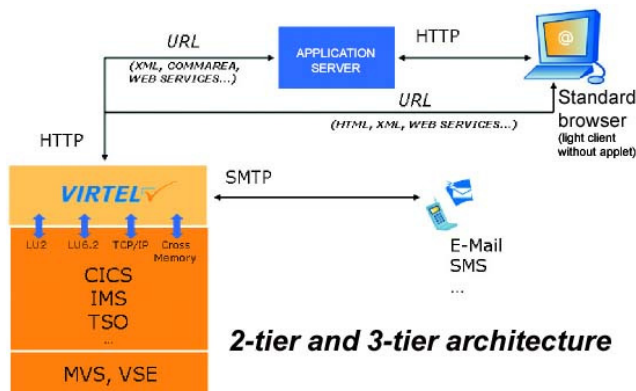


FUTURE-PROOF YOUR MAINFRAME APPLICATIONS BY MODERNISING YOUR IS

ORIGINALLY ISOLATED, central servers now have to adapt to various technological advances in order to allow communication with heterogeneous sets of users and applications. Companies have therefore had to implement solutions that allow users to access applications from a Minitel terminal, a PC and now a Web browser. These solutions also allow them to modernise how these applications are displayed and integrate new functions within them. They can also be accessed from Web applications themselves.

In all cases, from access via Minitel to interactivity with Web applications, Sypertec has always sought to offer solutions that enhance mainframe applications.

Although some of these applications are, or will be rewritten, others cannot be for various reasons (costs, documentation, time or location etc.) or are already in place on the mainframe.



In addition to rewriting capabilities, Sypertec therefore offers solutions located directly on the mainframe that have no ante-server and are capable of dialoguing via in-flight protocol conversions with any type of terminal (PC, Palm, GSM etc.) fitted with a standard browser (Internet Explorer, Mozilla, Netscape etc.).

The basic idea of the VIRTEL solution, which acts as a communication monitor installed on the host and integrates HTTP server functions, is to allow host applications to dialogue with heterogeneous users and applications via a secure URL.

The parameters of VIRTEL can then be set to modify how applications are displayed in order to improve their ease-of-use (scroll bars, hypertext links, selection lists, tick boxes, page backgrounds etc.) and to integrate new functions (formatting n pages into dynamic tables, data entry assistance with calendars and predictive suggesting of values etc.). They also allow mainframe applications to be invoked as a Web service without requiring any modification. ■

PROVEN RESULTS ON THE GROUND

THE objective of PSA Peugeot Citroën was to allow the international sales networks of both brands to access the legacy applications of the Group via a light client. The solution had to be implemented in such a way that no additional developments were required. The Virtel Web-to-Host solution set up within a 2-tier architecture was chosen to carry out daily management of 3500 SNA sessions and solved the difficulties created by exotic characters sets.

In addition, in order to modernise its application "Occasions du Lion", PSA Peugeot Citroën chose Virtel Host-for-Web because of its ability to easily upgrade the user interface to give it the appearance of a proper Web application, and thus improve its ease-of-use.

For Altos World line, one of the major IT services companies in Europe, the objective was to "webify" an order management 3270 application for its client Majuscule.

Security considerations were of paramount importance. The client awarded the contract to Sypertec for cost reasons and because of the simplicity of the project involved. The Sypertec solution was 10 times less expensive than competitor solutions. In order to meet specific constraints related to security and the audit ability of the facilities manager, Virtel was installed in a 3-tier configuration.

SYSPERTEC, EXPERIENCE AND PRAGMATISM AU SERVICE DES CLIENTS

SYSPERTEC is an independent French company whose teams come from large-system environments. Specialised in solving interoperability problems between information systems and mainframe technologies, it offers its expertise to more than 300 clients and provides them with standardised, simple and fast-to-install solutions based on recognised technologies.

Thanks to its mainframe know-how, technological monitoring and responsiveness to the needs of its clients, Sypertec can offer solutions that improve legacy applications without requiring large-scale changes. This approach allows the company's clients to future-proof their applications while adapting them to meet their changing needs.

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