

Dynamic dialog between mainframe data and web services

VWI quickly and simply integrates host applications such as CICS and IMS with server-based technologies through interactive bidirectional connections, typically SOAP, RESTful or MQ services that consume 3270 or remote transactions. VWI can expose the host transactions through their screen UI or through a COMMAREA if/when the screen UI is removed.

FEATURES

- Any type of incoming and outgoing web or message services
- Exchange protocol: RESTful, SOAP, MQ, or custom
- Languages: HTML, XML, JSON, CSV, and more
- Communication protocol: HTTPS, SMTPS, and custom
- Host application type: batch or online (CICS, IMS, Natural, TSO, etc.)
- Transaction interface: 3270 screens, COMMAREA, channels and containers (CICS)
- Communication sub-system: VTAM, TCP/IP, MQ, or cross-memory (CICS-only)
- Installation, administration and support are centralized with the host
- Nothing to support outside the host: no applets, plugins, or middle-tier servers
- Universal open-standard web technology outside the host
- Low risk because no application changes
- IDE-assisted development

BENEFITS

Versatility

Virtel can adapt to a wide variety of use cases such as exposing mainframe applications and data as web services to web clients; invoking web services from mainframe applications; functioning as a SOAP, MQ, PHP server; performing data conversions; serving 3270 data graphically or replacing third-party and homegrown web connectors.

High Performance

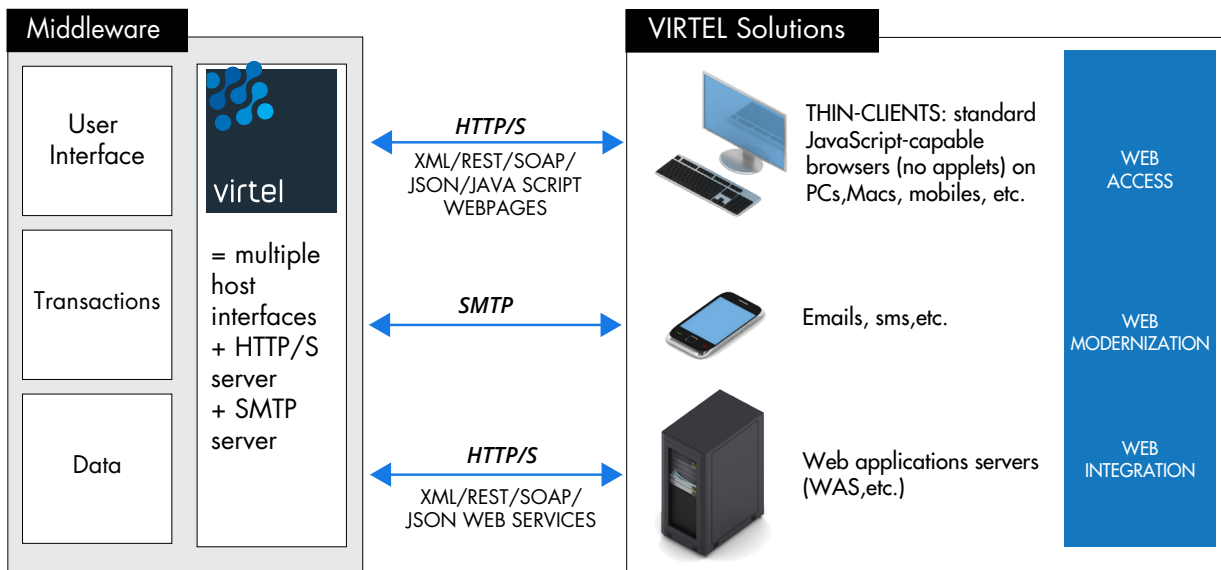
As VWI runs on the host, it accesses data and transactions directly, without reliance on middle-tier servers. This results in high performance gains in a small footprint with much faster response times.

Agility

With its thin, two-tier architecture, VWI provides an uncommon interface between mainframe and web applications to efficiently meet a wide range of integration requirements. It can interface online or batch applications through VTAM, TCP/IP, MQ, or cross-memory, and through screens, COMMAREAs, or containers. It supports HTTPS, SMTPS and custom connections, RESTful, SOAP, and MQ services, and HTML, XML, JSON, and other data formats.

Low TCO

Both operational and infrastructure cost reductions can be achieved thanks to MIPS savings, host-centralized installation, administration and support as well as the potential to remove the need for a VPN and session manager.



As part of Virtel Suite, VWI is a key step towards a secure and cost-effective digital transformation plan.

If you are interested in learning more, please visit our website and request a demo at insoft-infotel.com/request-a-virtel-demo



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