



virtel CASE STUDY



Fraikin uses Virtel as part of its **VDI enablement strategy** to replace 3270 emulation mainframe access

THE CUSTOMER

Fraikin - the European leader in Commercial Vehicle Fleet services - relies on legacy CICS and TSO applications to manage a 15,000 vehicles fleet in 13 European countries, Russia, and the middle East.

THE VDI INITIATIVE

To reduce their costs and support requirements, Fraikin decided to get out of the mainframe client workstation business altogether by replacing the 1,500 Windows PC workstations used to access their mainframe applications with Chromebook and Chromebit devices, part of an Enterprise-wide Virtual Device Infrastructure (VDI) initiative.

Chromebook and Chromebit devices run the latest Chrome OS and web browser, get automatic updates and antivirus protection for effortless and worry-free support. They connect via the Internet to Cloud applications such as G Suite and Office Online : users can create, edit, store and share Cloud-hosted documents, spreadsheets, and presentations in the Chrome browser.

While Chromebooks are notebook-style computers, Chromebit dongles are only the size of a large memory stick that can easily be carried in a pocket, yet they create a full computer configuration when connected to a PC monitor, keyboard and mouse.

THE CHALLENGE

The challenge was to replace the legacy client-based 3270 TE product used to access the mainframe applications with a thin-client browser-based alternative, because the legacy 3270 TE client applets didn't work under Chrome OS, and were inconsistent with the planned VDI initiative.

▶ VIRTEL KEY FEATURES:

- 1 Serves 3270 transactions as web pages or web services
- 2 Nothing to install or support outside the host
- 3 Instant deployment: point web browsers to a predefined URL
- 4 Works with any browser or platform (mobile devices, Apple products, Windows...)
- 5 Concurrently serves different presentations to different users (3270 TE, WUI/GUI, mobile UI)
- 6 Supports any protocol and format: RESTful, XML, JSON, SOAP, MQ Series, etc.
- 7 Low impact and low risk: no application or server change
- 8 High performance and small host footprint for highly scalable solutions
- 9 Simple host-centric configuration and support for low TCO and early ROI



Chromebook & Chromebit models



THE SOLUTION

The solution was to install the Virtel Web Access module – Virtel's base configuration - on the mainframe hosting the 3270 applications. Scalable and economical, Virtel transforms mainframe applications into new and dynamic web applications, serving them over end-to-end HTTP/S connections.

With Virtel Web Access, users access 3270 applications such as TSO and CICS in 3270 TE mode in their browser. The solution serves the 3270 screens as HTML5/JavaScript web pages with 3270 TE ergonomics. A true thin-client browser-based solution, Virtel Web Access nicely fits within a customer's VDI strategy.

THE RESULTS

With their VDI project, Fraikin was able to:

- Divide workstations' TCO by five thanks to lower HW/SW purchasing/licensing costs & lower support costs
- Reduce and simplify support requirements thanks to centralized management and support - no apps to deploy outside the host
- Provide unparalleled mobility and flexibility
- Improve security by eliminating the exposure of distributed applets.

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