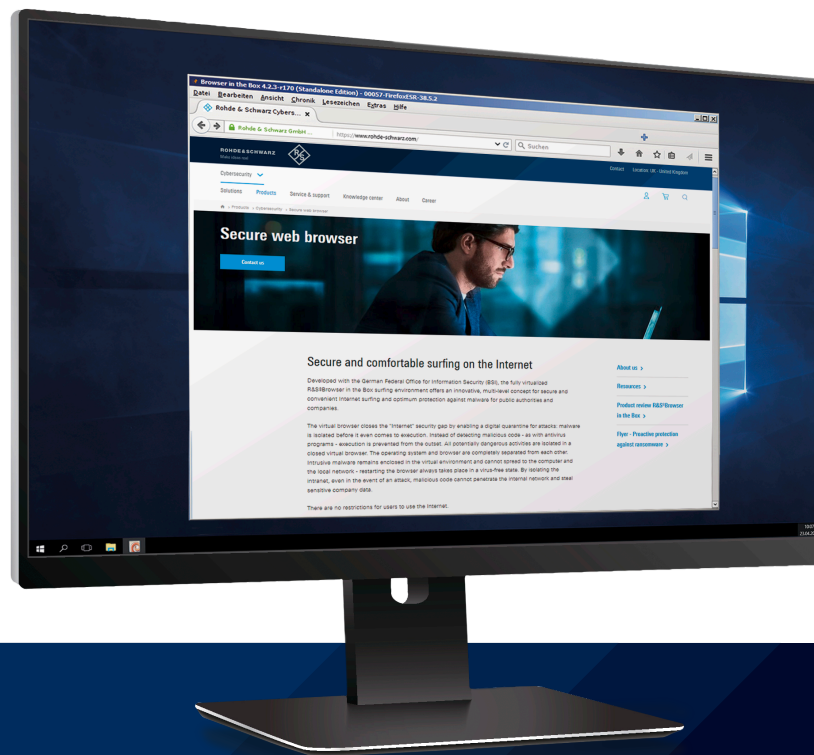


# R&S® BROWSER IN THE BOX – TERMINAL SERVER

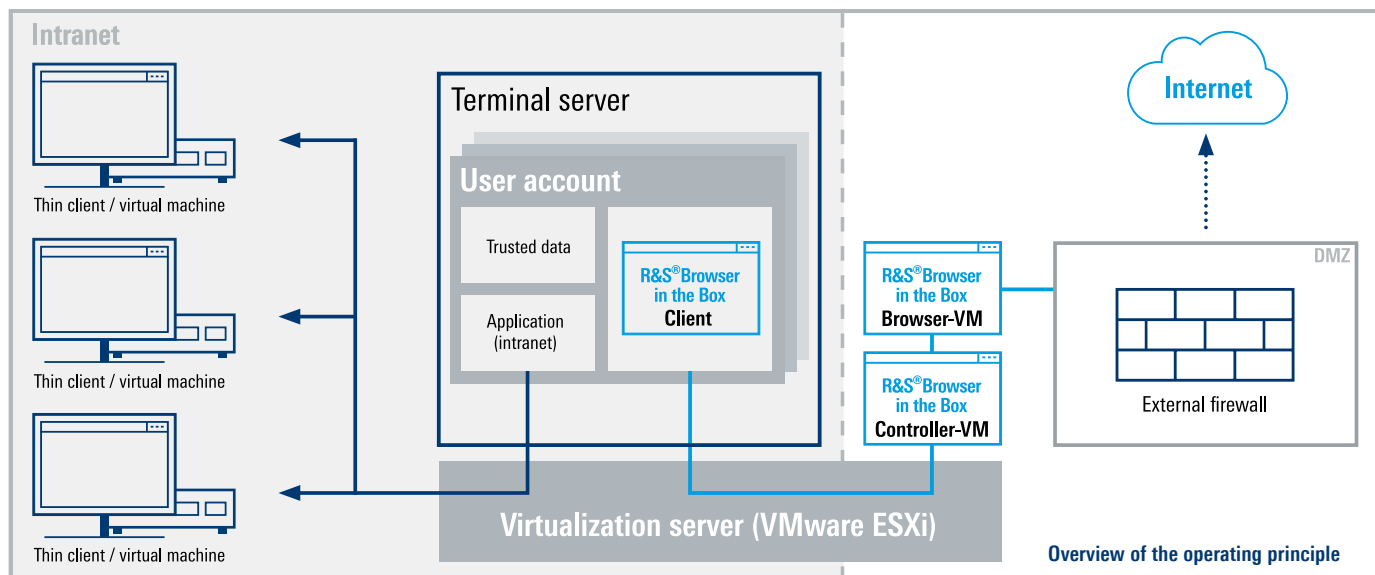
Our solution brings the proven security concept of R&S® Browser in the Box into terminal server environments. While users use their browsers as usual, all sensitive data is protected. In this way, R&S® Browser in the Box enables cost-effective and worry-free surfing with full comfort.

In version 2023 of the German “IT-Grundschutz-Kompendium” (IT Baseline Protection Compendium), the German Federal Office for Information Security (BSI) recommends, for the first time, a special browser environment with virtualized instances – such as R&S® Browser in the Box. Our virtual surfing environment, developed together with the BSI, offers a proactive approach to secure and comfortable surfing on the internet.



Product flyer  
Version 05.00





Protecting internet access poses special challenges to terminal server infrastructures as the architectures are different than in traditional workstation environments. With R&S®Browser in the Box – Terminal Server, the browser does not run in the Windows Server desktop session, but in a **separate virtual machine (VM)**. Only the browser display is transferred to the desktop session and displayed. This enables a **reliable separation of intranet networks and the internet**. This flexible architecture integrates R&S®Browser in the Box – Terminal Server into existing virtual infrastructures. The administration-intensive and in any case not recommended use of dedicated terminal servers as a surfing alternative is avoided.

### Virtualization solution

R&S®Browser in the Box is a **secure web browser for many virtualization environments**. It can be used on terminal servers as well as on other virtualization-based platforms. It separates organizations' and companies' own (critical) infrastructures from the internet. The browser's VM does not have access to its own external structures and thus cannot cause any damage. Another advantage: Thanks to its **scalability**, R&S®Browser in the Box is also suitable for larger environments and always has the required number of browser VMs available.

### Innovative solution approach

Unlike the simple sandboxing method of standard browsers, R&S®Browser in the Box – Terminal Server **completely isolates all browser activities from the end-user operating system**. This is done by means of a dedicated virtualized operating system for the browser. In this browser, only a shared folder is available for a separate

user account. All persistent configuration data (favorites, etc.) of the browser are stored there. Files downloaded from the internet are first stored here before being made available to users in their usual download directory after a malware scan. Accidental uploads of documents to the internet are also prevented in this way. This enables companies to make sure that confidential data does not leak unintentionally.

### Enterprise solution with central management

For professional use in centrally managed IT environments, R&S®Browser in the Box – Terminal Server offers **convenient central management**. It allows to conveniently manage security policies and configurations and to generate, sign and distribute guest images. The R&S®Browsers in the Box VMs are directly connected to an external network from which only the internet or a proxy can be accessed. Intranet portals can be accessed with any other browser. A configurable browser switch ensures that the correct browser is opened automatically. This implements a **two-browser strategy** that is both secure and convenient.

### Browser variants

Since R&S®Browser in the Box is based on a fully virtualized operating system, various browsers can be used in it:

- Google Chrome** – ideal for multimedia content and video conferences
- Mozilla Firefox** – highest settings flexibility, especially with regard to data privacy

