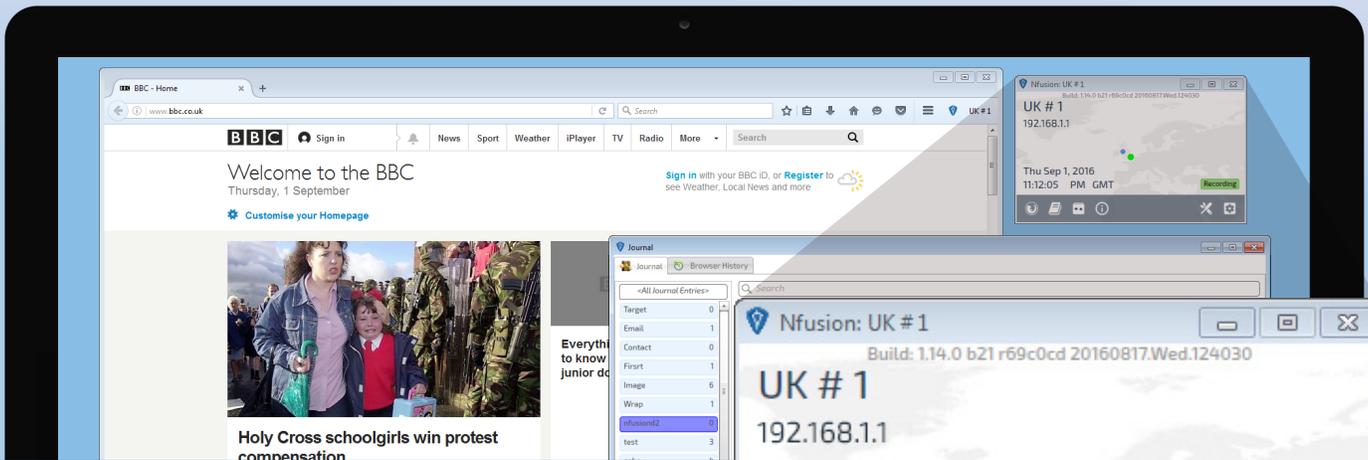# Nfusion

Secure Virtual Desktop
Managed Attribution for Cyber Operations

Nfusion is a virtual desktop environment designed specifically for secure, non-attributable research & investigation. Nfusion combines technical identity masking with security and custom applications to deliver a turnkey managed attribution SaaS solution for your enterprise.

Online investigation and research can quickly attract attention, leading your target to respond with misinformation or adapt their plans. This often disrupts your activity and puts your sensitive network, data, and infrastructure at risk. Nfusion protects you from cyber attacks while simultaneously preventing your targets from realizing who you are and what you are doing.


Manage Your Attribution

Nfusion enables you to mask your identity and appear to be anywhere in the world using Ntrepid's proprietary* **Geo Pools**. In addition to leveraging a network of shared points of presence, Nfusion can integrate custom locations with dedicated, fixed IP addresses and tradecraft to meet your requirements. Nfusion also destroys all trackers and identifiers at the end of every session. This ensures that your activity is not recognized and your pattern of life cannot be analyzed.

Protect Your Organization

Nfusion keeps your operational environment completely separate from your local desktop. Nfusion's **isolated Virtual Desktop Infrastructure** is deployed in an air-gapped environment to protect against pivot attacks. Malware is kept far away from your infrastructure, and your
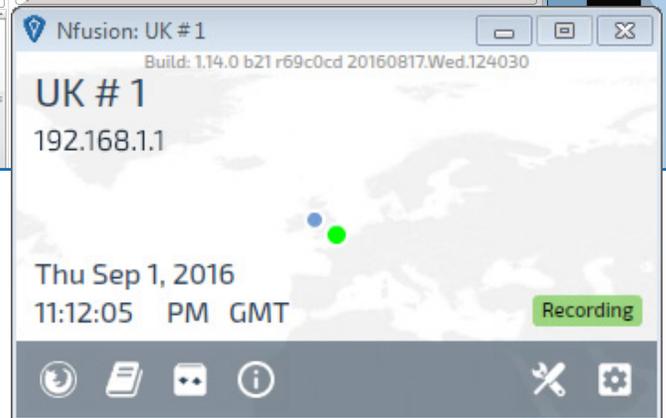
sensitive corporate data and documents are never visible or accessible from within Nfusion. Additionally, Nfusion protects against Advanced Persistent Threats (APTs) by always reverting to a golden image of your desktop.

Enable Specialized Utilities

Nfusion enables and automates common collection and analysis tasks. The robust browser history includes automatic, full-page screen captures along with the accompanying HTML source. Users can quickly take additional, on-demand screenshots and can easily search for and return to their captured data within the **Journal**.

NTREPID®

How Nfusion Works

1
Isolated Virtual Desktop Infrastructure

Nfusion provides users with a **full desktop experience** and has the capability to **support any Windows-based application**. Every Nfusion session begins with a pristine virtual machine in a sandboxed environment. Whether Nfusion is deployed on-premise or hosted in the cloud, users connect through an encrypted tunnel. This isolates Nfusion and its associated traffic from your network and resources. Malware, viruses, and other artifacts encountered during browsing are contained and destroyed at the end of each session.

2
Custom Digital Fingerprint

Each Nfusion session is initiated with a unique browser and workspace instance that **masks potentially identifying browser attributes** such as language, operating system, browser version and plugins. This allows Nfusion to manage the browser's fingerprint and prevents sites from using cookies and other tracking methods to link a user's activities across multiple sessions. This also makes for an easy and natural transition between user sessions, even as the user is presented with a clean, pristine operating environment at the beginning of each new session.

3
Capture Recording & Activity Audit

Nfusion automatically **captures and stores a complete record of each website visit**, including a point-in-time snapshot and the full HTML source. Every browser history record and Journal entry has an automatically generated MD5 hash. Easily review and export your history through Nfusion's integrated applications. Never miss critical data through human error, and always have a record of what your team has done.

Insight, Nfusion's management application, enables full audits of online activity, provides managers with a full searchable index of Nfusion browser events, and allows easy export of metrics and reports. Nfusion also enables the automated video and audio capture of entire sessions with live or on-demand playback.

4
Easy User Interface

Nfusion's user interface is built around the context of the **Windows desktop and the Firefox browser**. This provides users with a familiar experience, enhanced with Nfusion's additional features, and makes the product easy and efficient to deploy, train, maintain, and support.

Contact us today to learn more.

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www.NtrepidCorp.com/Nfusion

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