



SECURITY

**The specialist in Cloud  
file management**



**NetExplorer**



A hand holding a smartphone, with a blurred background showing another hand holding a pen. The overall scene is dark and moody, suggesting a focus on technology and security.

# APPLICATION SECURITY

NetExplorer, 100% secure platform

## Authentication by user and password

NetExplorer users log in with the assigned user ID and their defined password.



## Safe authentication

In order to secure authentication, it is possible to require a unique code from the user in addition to their password (OTP, SMS or Yubikey token).



## Intrusion attempt detection

NetExplorer has an integrated intrusion detection system and can identify too many login attempts on a user account or from an IP address. In this case, the attacker's ID and IP address are banned.



## Anti-theft protection for sessions

In order to prevent session theft and identity theft through CSRF (Cross-Site Request Forgery), the NetExplorer platform does not communicate a session cookie to the connected client as is the case with standard applications. NetExplorer uses a unique token that is transmitted unidirectionally and not automatically.



## Access strategy

NetExplorer integrates access control by user group or user account. It is possible to block access methods, to limit the connection locations (via IP address), and determine the days and hours the user may logon.

## Password security

The password security strategy is defined by combining 3 settings :

- **Minimum password length**, in number of characters
- **Password complexity index**
- Prohibition of **overly common passwords** (from the list of the 10,000 most frequently used passwords, and thus tested first in case of an attack)

## Anti-virus and ransomware protection

NetExplorer has antivirus scanning and ransomware detection.

Each file uploaded to the platform is analysed, regardless of how it was uploaded. Items deposited by external parties via deposit links are also inspected. The anti-virus software used is ClamAV.

## Encryption



- All data exchanged with NetExplorer is encrypted using **SSL** and a **2048 bit key**.
- All NetExplorer access methods use HTTPS on **port 443**, which ensures maximum security.
- The SSL certificate implementation method used by NetExplorer provides high security guarantees. It is rated **A+**, which is the **highest grade**.



# Traceability

NetExplorer ensures **full traceability** of all actions carried out by users : connection, adding a file, modifying a folder, deleting a document etc.

All actions are grouped in **event logs** to allow filtering and precise search of the various operations. Search by :

- > Keyword
- > User concerned
- > User's IP address
- > Date of the event
- > Status of the event : success or error
- > Type of object : user, file, annotation
- > Type of action : add, modify, download, connect



## Unit testing

Before each release or upgrade, NetExplorer undergoes more than 5,000 unit tests to check for bugs and security vulnerabilities.

## External safety audits

As part of the PCI DSS certification, the NetExplorer solution has successfully passed the **54,000** intrusion tests performed by the Nessus application. These tests check for application security flaws, such as SQL injections, XSS flaws, etc.



A man in a light blue shirt is looking at a laptop in a server room. The background is filled with server racks and glowing lights, creating a high-tech atmosphere. The text 'INFRASTRUCTURE SECURITY' is overlaid in large white letters, with a vertical red line below it. Below the line, the text 'Highly secure French storage' is written in a smaller white font.

# INFRASTRUCTURE SECURITY

Highly secure French storage

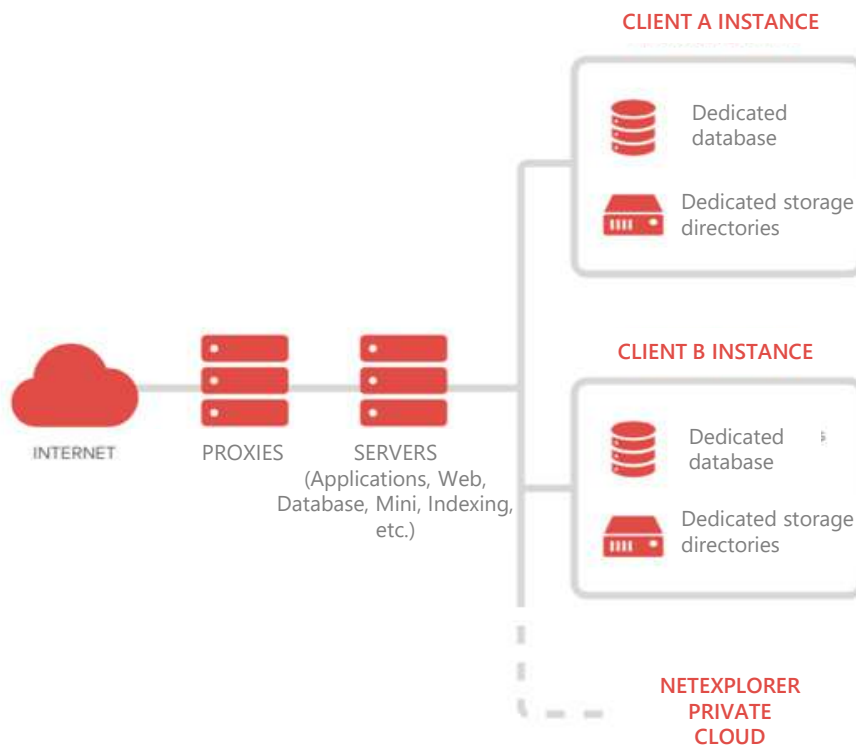
## Data centers

NetExplorer's servers are located in France and more precisely in Paris. All the data stored are governed by French law and are not sensitive to the Cloud Act.

Our infrastructure uses two data centers classified as Tier 3+ and Tier 4 : Zayo and Equinix (both ISO 9001 and ISO 27001 certified). Tier 4 (the highest classification) ensures an availability rate of over **99.995%**.

## Partitioned Cloud

All NetExplorer platforms are architected in a partitioned cloud to guarantee an **excellent level of confidentiality**. The stored data is completely partitioned in independent zones between clients. A NetExplorer instance includes a dedicated customer database and a **dedicated storage system**.



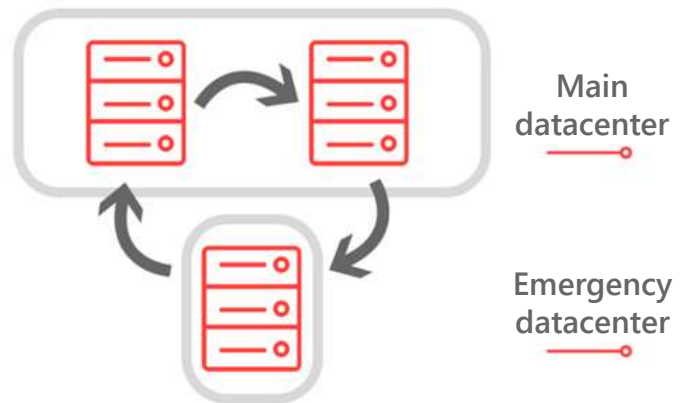
> **The database** contains all the information of the platform (user accounts, groups, etc.), the tree structure of the stored content and the metadata. It ensures the consistency of the information and controls the security of access to the data.

> **The NetExplorer storage system** only saves the binary data of the file, in an arbitrary format totally independent of the real tree structure of the document. The document name and extension are hidden.

## Data replication policy

With NetExplorer, data is replicated in real time to **three different storage clusters**. The first two are located in the main data center, and the third server is located in a second data center, geographically 30 km away. This means that in the event of a major incident in one data centre, the data **is still safely stored** in the second.

Any deleted file out in the backup history for **30 days**. It is possible to restore a file or the entire platform up to 30 days back, even if the document was inadvertently deleted.



## Data availability and integrity

**Data availability** : in order to ensure a very high level of availability and not to be sensitive to hardware failures, the storage system ensures local and remote redundancy of every file.

**Data integrity** : the NetExplorer storage system calculates integrity of each file when it is deposited. During file transfers, a second integrity check is performed to ensure that the stored data is identical to the original data, and that it has not been altered during the transport of the information.



# NetExplorer is ISO 27001 certified

Certification to ensure the security of your data

## Benefit from an ISO 27001 certified solution, which :

- ENSURES THE SECURITY OF CUSTOMER INFORMATION AND DATA
- CONTROLS ITS SUPPLIERS IMPACTING ON INFORMATION SECURITY
- DEMONSTRATES ITS CONTINUOUS IMPROVEMENT APPROACH
- ENSURES ITS PERFORMANCE WITH THE HELP OF QUANTITATIVE INDICATORS
- COMPLIES WITH ALL THE INFORMATION SECURITY REGULATIONS
- COMPLIES WITH IS (INFORMATION SECURITY) REGULATIONS

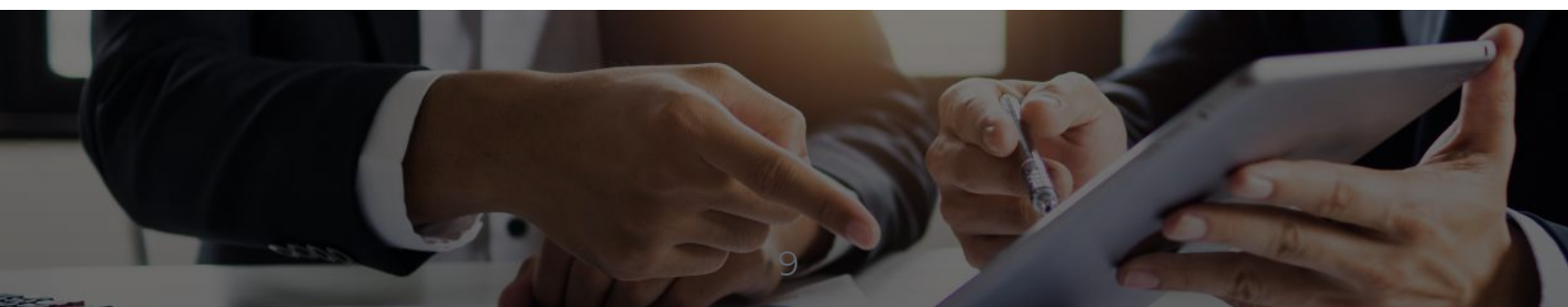


## NetExplorer, for your data

**ISO 27001 certification** attests to the implementation of an InfoSec management system. It is an international standard recognised for its high level of requirements.

NetExplorer is certified ISO 27001 (2013 version) for all its activities by the **AFNOR**.

NetExplorer's main concern is the protection of its customers' data and ensures a high level of vigilance in terms of **confidentiality, availability, integrity and traceability**.



# NetExplorer is PCI DSS certified

Recognised certification for a high level of safety

The **Payment Card Industry Data Security Standard (PCI DSS)** is a data security standard originally set up for industries handling banking information to ensure data protection and prevent information leakage.

## PCI DSS standard applied to your data



The PCI DSS standard provides a **very high level of security** and is internationally recognised. This is why we have chosen this standard, in order to answer your security and confidentiality needs.

The PCI DSS certification applied to your NetExplorer platform allows you to :

- 1 To have a very high level of security inherited from the good practices applied in the banking sector
- 2 Benefit from concrete measures to protect your data
- 3 Certify the security of data storage to your partners and customers through an internationally recognised standard

### The NetExplorer PCI DSS Level 3 offering includes :

- > A 100% dedicated PCI DSS server
- > Enhanced IT outsourcing
- > Encryption of stored data and backups
- > Security audits and Nessus intrusion tests
- > A final audit report issued

# HDS certification

NetExplorer complies with all the requirements of the public health code

## NETEXPLORER HDS ALLOWS YOU TO STORE HEALTH DATA

HDS certification is **mandatory** for all hosts of personal health data. All companies that host and use health data (in connection with prevention, diagnosis, care or social and medico-social monitoring activities), or that carry out backups on behalf of a health establishment or a third party, **must be HDS certified.**

## THE BENEFITS OF NETEXPLORER HDS

- > High level of security and confidentiality of health data
- > Certification for all the 6 activities (from the data center up to the NetExplorer software solution)
- > Compliance with the HDS standard and regulations
- > Guarantee of privacy and medical confidentiality
- > Hosting health data in data centers in France

## EXAMPLE OF DATA REQUIRING HDS CERTIFIED STORAGE







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**Your data secured everywhere,  
all the time**

 **NetExplorer**

[WWW.NETEXPLORER.FR/EN](http://WWW.NETEXPLORER.FR/EN)

THE SPECIALIST IN CLOUD FILE MANAGEMENT