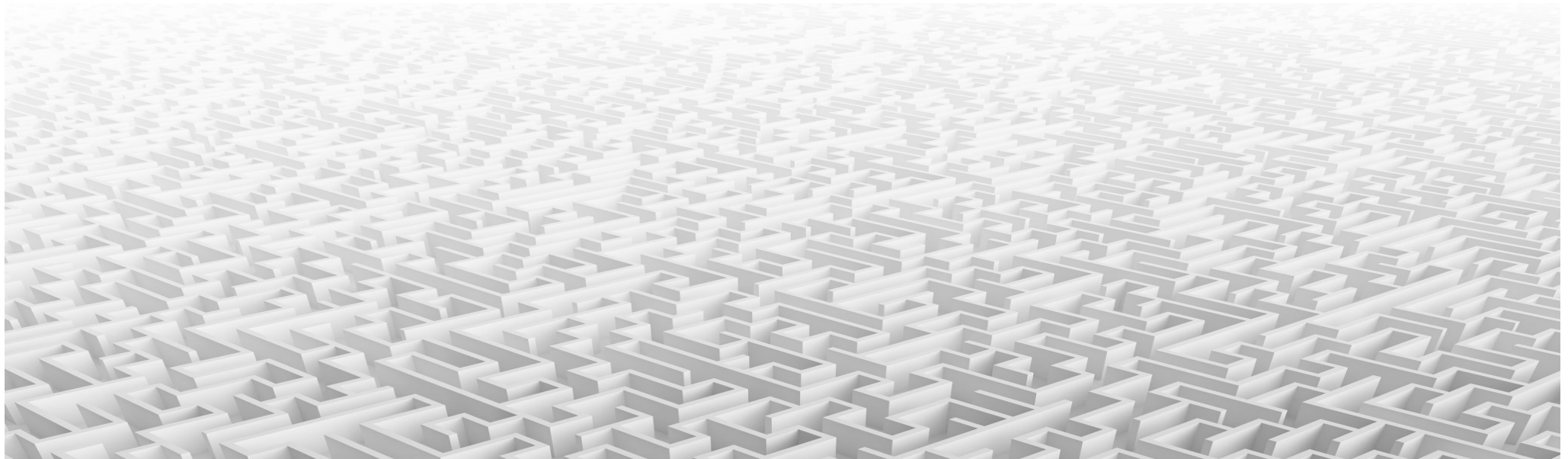


Secure Managed File Transfers by netUP nuMotus

WE WILL MOVE DATA BEYOND YOUR EXPECTATIONS



What is sMFT?

- sMFT – secure Managed File Transfers - is the managed secure transfer of data between parties
- in order to
 - automate processes between (disparate) systems
 - help achieve compliance with various laws and standards
 - achieve the highest possible levels of security in communications between systems both internal and external to the organisation
- in all organisations and areas where secure communications are essential

What is the problem that sMFT (secure Managed File Transfers) solves?

- The right sMFT system automates secure transfers and becomes part of a larger process automation setup
- sMFT is transaction (= transfer) based, in contrast to Dropbox, OneDrive and similar that are storage/collaboration based
 - Using sMFT, files arrive at their destination, in an automated, always securely encrypted fashion, rather than having to be fetched by one or more intended recipients
- Data/files transferred via email are susceptible to all the risks (security, non-delivery) that email poses
- The right sMFT setup securely encrypts files which can be tracked from source to destination and of which delivery is guaranteed
- Hacks and malware form a steadily increasing threat to data security while legislation like GDPR (EU) , PIPEDA (CA), PDPL 2021 (UAE) and POPIA (ZA) and similar initiatives elsewhere require an ever-increasing vigilance towards protection of personal data
- The right sMFT solution ensures compliance with legislation and industry standards

Why netUP nuMotus?

- netUP nuMotus differentiates itself in that
 - the netUP nuMotus secure Managed File Transfer service encrypts both the transmitted file and the transfer channel from source to destination (*dual end-to-end encryption*)
 - its service is based on *unique technology* with regards to security (see above dual encryption strategy), business rules engine, API, and high levels of automation; the development and support teams have broad industry experience
 - the nuMotus service delivers faster *speed to value*, through competitive and flexible pricing options and superior results, as well as flexible sizing options
 - netUP's *customer focus* reflects in the service's integration and customization capability (file conversions and data translation, other customized plug-ins), problem solving methods and culture (eg innovation, flexibility, etc)

Why netUP nuMotus? - continued

- netUP nuMotus also differentiates itself in that
 - netUP does file transfers and only file transfers, automated and highly secure, our focus is not distracted, other than by developing even better file transfer solutions going forward
 - netUP delivers over and beyond expectations; customers can leverage off existing investment (integration with existing protocols and workflows); all customers tend to be long term engaged
 - the nuMotus service offers a unique delivery model (global geographical coverage through cloud); optionally as an on-premise install

Who is netUP Trading?

- netUP Trading (Pty) Ltd was established in 2008 and is exclusively active in South Africa
 - initially it won 1 major bank for their preferred in-house secure MFT service (which account has grown substantially over time)
 - subsequently it won the Africa business of another major South African bank for its cloud solution
 - it has built significant business in the Banking Industry, but also in industries like Telecoms, Government entities, External Service Providers (treasury managers, payment aggregators, bureaux) and other sectors
 - currently it manages 3.300+ endpoints; in excess of 250.000 files/day (on average) transferred
 - it has combined Managed File Transfer (MFT) experience of over 100 years and broad industry experience
- netUP's shareholders established an associated company in 2023 in Dubai to accommodate the internationalisation of the business

Who is netUP Trading? - continued

- netUP offers a simple solution to a complex problem, rapid deployment, tailor-made when required and integrates with already purchased software solutions
- netUP sees transfers and automation as one
- netUP is all about security
- netUP not only provides a secure gateway, or sMFT software, but a full managed service; a true end-to-end encrypted secure MFT solution, supporting payment systems, international trade documents and other sensitive data environments

netUP nuMotus features

- Highly scalable
- HA (High-Availability) design
- Multi tenancy – simultaneously serve multiple client organisations from a single instance
- Low resource intensive
- Ease of setup of application, endpoints and transfer configurations
- Agent-based (preferred) or agentless
- Intelligent agent is multi platform eg: Windows, Unix, Linux (all flavours), OS X (Intel)
- End-to-end dual encryption (AES256), in transit and at rest
- Acts as a gateway and supports all industry standard transfer protocols, including SFTP and PGP encryption/decryption
- High levels of process automation achievable
- Scheduled and/or triggered transfers as well as ad-hoc

netUP nuMotus features - continued

- Pull-the-Trigger: fetching a file in-stream from source via a trigger file (Mainframe locations) so that data is never unencrypted via the transfer process
- Provides acknowledgers
- API (Application Programming Interface) – all nuMotus administrative functions can be addressed and/or triggered by third party applications
- PGP encryption and signing as an extra layer of security (for specific use cases)
- Role-based access control; integrates into any existing user authentication solution
- Continuous management reporting, eg: volumes, customer usage activity, system uptime, transfer status; fully tamper-evident audit trail of all events
- Integrates into any helpdesk system and/or infrastructure support system
- Supports achieving regulatory and industry standard compliance (GDPR, HIPAA, PCI-DSS, others)
- Frequent updates to help customers in staying ahead of commercial and regulatory demands

netUP nuMotus secure MFT in the market

netUP and its associated companies currently serve approximately 3.300+ endpoints in Africa and transfers files to four continents. This includes many of the major financial institutions in South Africa as well as prime listed companies in South Africa. This amounts to approximately 90 million transfers per annum.

The aspects of **automation**, **compliance** and **security** that Melete nuMotus sMFT offers, present a compelling offering that addresses business efficiency as well as the ever-stronger emphasis in Europe, UAE, Canada, South Africa, USA and other countries, on privacy and data protection (GDPR , PIPEDA, PDPL, POPIA, HIPAA) and cyber security compliance (PCI-DSS).

nuMotus Direct is highly scalable, HA capable and has proven itself as a valuable solution to institutions of all sizes. Solution alternatives are:

- **Customer managed cloud solution**
- **Customer managed on-premises solution**
- **Vendor managed SaaS solution**

netUP nuMotus secure MFT in the market - continued

Institution types:

- Financial (banks, insurance, brokerages, payments processors, markets and clearing institutions - CCP)
- Government (inter- and extra-departmental)
- Telecoms (secure billing, payments, etc)
- Pharma
- Medical/Healthcare (hospitals/clinics, practitioners, insurers)
- Legal, larger and smaller practices
- Real estate (agents, conveyancers, lawyers)

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Your Managed File Transfer (MFT) specialists

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