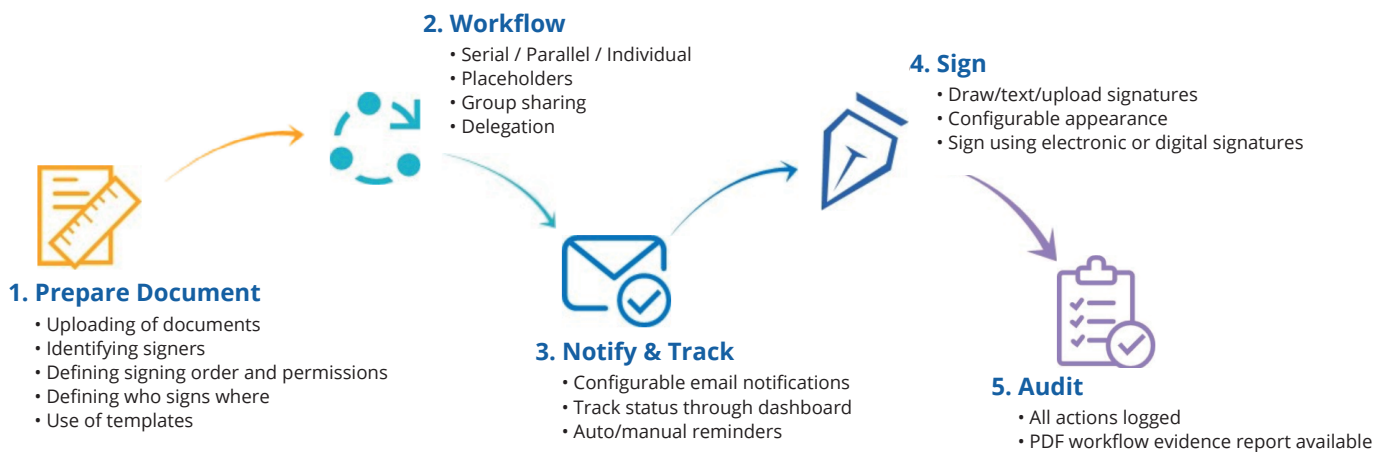


nSignHub

A FULL-FLEDGED ELECTRONIC SIGNING WORKFLOW SOLUTION

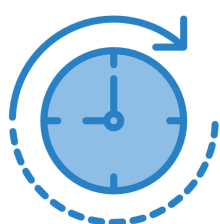
nSignHub is a cloud-based solution that provides a one-stop platform to send, sign, track and manage signing processes using a browser or mobile device. It is equipped with advanced cryptographic security features and your **data is geo-fenced in Singapore**. nSignHub supports electronic signatures and **AATL** digital signatures. **Sign with Singpass** is also supported.



STANDARDS-BASED SIGNATURES

Signatures generated by nSignHub conform to **international and local government's standards** that makes them suitable for high-trust use. Anyone with a freely available PDF Reader can **easily verify** the signatures. No need to upload the document to a server to get it verified or search through reams of logs to prove a point.

	Electronic Signatures with nSignHub digital witness certificates	Digital Signatures using Sign with Singpass	Digital Signatures using nSignBasic tokens
Certificate Issuer	Netrust	National Certificate Authority of Singapore	Netrust
Qualify as Secure Electronic Signatures as defined in Singapore's Electronic Transactions Act (ETA)		✓	✓
Automatically trusted by Microsoft (Microsoft Trusted Root Certificate Program)	✓		✓
Automatically trusted by Adobe (AATL)	✓		✓



ENHANCED SECURITY - LONG TERM VALIDATION (LTV)

LTV signed documents can be verified weeks, months or years later. This is achieved by embedding OCSP/CRL information and timestamps into the signature at the time of signing. nSignHub uses a Time Stamp Authority (TSA) to provide trusted timestamps, instead of relying on the signer's claimed time. These are done seamlessly by nSignHub, without user involvement.

Flexible Deployment Methods Available

Customers can choose to use Netrust cloud service or host their own instance (on-premise, private cloud or hybrid).



Allows Mix of Signature Types

Users are not constrained to only one type of signature for each document, allowing more flexibility. For example if some of the signers do not have Singpass, the workflow preparer can simply allow them to sign with other types of signatures to complete the workflow.



Supports PKI-based Digital Signatures

nSignHub fully supports the use of Netrust token-based document signing certificates (nSignBasic). Signing using nSignBasic allows the signer to comply with the highest level of security and legal assurance for electronic signatures under the Electronic Transactions Act (ETA) in Singapore.



Connector Apps

Achieve end-to-end digital transformation by plugging nSignHub digital signature and approval functionality within your business workflows. No more printing and posting, get immediate sign-off.



STRONG SECURITY FOR YOUR SIGNATURES

nSignHub includes the following PKI components:



Certificate Authority (CA)

nSignHub uses certificates from our very own Netrust CA for digital signatures to prove ownership. This is the cornerstone of trust in a digital signature system.



OCSP Validation Authority (VA)

nSignHub utilises Netrust CA's OCSP service to provide real-time certificate status information about the signer. This validation information is embedded into the user's signature as evidence to prove the signer's key and certificate were valid at the time of signing.



Time Stamp Authority (TSA)

nSignHub uses secure timestamps in signatures from a TSA to prove the time of signing. This is essential evidential information embedded in the signature in order for it to have Long-Term Validation (LTV) capability.

ABOUT NETRUST

Netrust is Asia's first public Certificate Authority (CA) and Singapore's only commercial IMDA-accredited CA. Established in 1997, it has been providing digital ID certificates widely used for secure authentication, secure VPN, secure email, digital signing and other applications. Private sector companies and Government agencies such as Building and Construction Authority, Singapore Land Authority and Land Transport Authority employ Netrust's PKI solution in their environment to enhance security and convenience, and to safely complete their electronic transactions on the Internet.

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