

# NAVAJA-SEE SERVER



SECURE  
EMAIL  
ENTERPRISE  
SERVER

Manual, additional detailed  
information

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# Overview



## What is the NAVJA-SEE Server ?

The Navaja-SEE (Secure Email Enterprise) Server gives you the option to decrypt and encrypt your business & private communication, like emails, SMSs, iMessages, What up

messages, Twitter posts, Facebook postings and any kind of conventional text or message ! It works for every available platform because it is **web based !**

## Compatibility ?

Messaging

The Navaja-SEE (Secure Email Enterprise) Server is **compatible to:**

- iPhone Navaja clients
- iPhone (native)
- iPad (native)
- iPad Navaja Clients
- iPod Touch (native)

- iPod Touch Navaja Clients
- Mac OS X Navaja clients
- Mac OS X 10.1-10.10 and higher (native)
- Windows XP- 10 higher (native)
- Windows phones (native)

- Android smartphones (native)
  - Linux
  - other platforms with a native Internet browser
- („native“ means the compatibility with a common Internet-browser)

## Which hardware is required to run NAVAJA-SEE Server

No extraordinary hardware is required to run the NAVAJA See Server **just a Mac with 10.9,10.10 or higher will do the job !**

Navaja SEE Server will run super lightweight on your current desktop mac or

macbook, with out harming your work process in any way, like performance !

If you wan to run the Navaja See Server on a new hardware a brilliant choice would be to buy a new mac mini, because of its

low cost and low energy consumption ! Mac OS X Server 4.0 > is not necessary to run the Navaja See server, but of course it will also work on this platform like charm !

## Security?

NAVAJA See Server is the most effective and 100% secure messaging and communication server ! Why ? Because it uses an high level industrial encryption algorithm together with a mac the software runs a capsuled web sever which is not hackable or breakable it is

breathtaking and unbelievable stable! Because the web sever and the Navaja See server is combined and capsuled attacker would not be able to infiltrate the base system at all !! Together with the Navaja Secure Email app client (available in the apps tore) and the Navaja Secure Email

software for the Mac (available in the Mac store) it is the most secure way to communicate in the world, no data leaks, no infiltration ! A self signing root SSL certificate of the software itself guarantees a 100 % security a secure socket tunnel between the Navaja-SEE Server and every client

## Setup?

Setup the NAVAJA See Server is extremely easy !! Just download the software from the Mac store, double click it to start, **READY !**

After downloading from the app store Navaja See server will appear in your application directory or in the Launchpad,

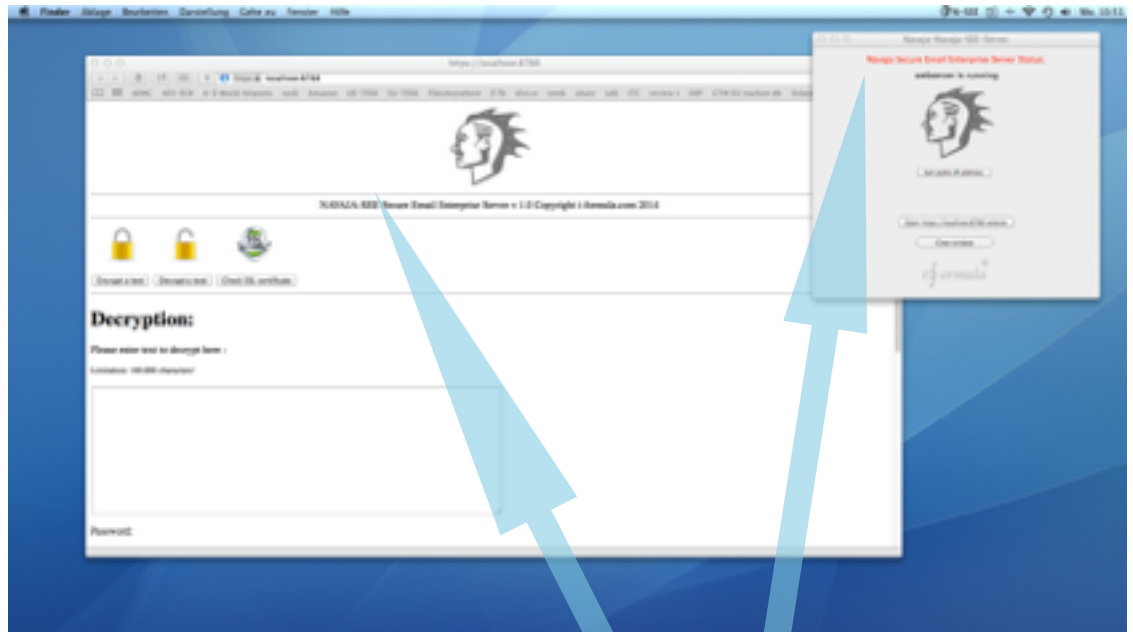
you can also put it in your dock, like we did it !

**Start it in the dock or application dir, launchpad**





# Running the server



Navaja SEE server starts up immediately and is already running, if you like you can now close the app window, the server will run in background mode and can be permanently controlled by the icon in the finder menu near the clock on the top right side of your screen !

Navaja See server is available under your localhost or local IP: <https://localhost:8788>  
Depending on your network local configuration your local IP address could be for example: <http://192.168.1.xx:8788>  
PORT is set to 8788 if you need a customized PORT please contact us !



# Sharing

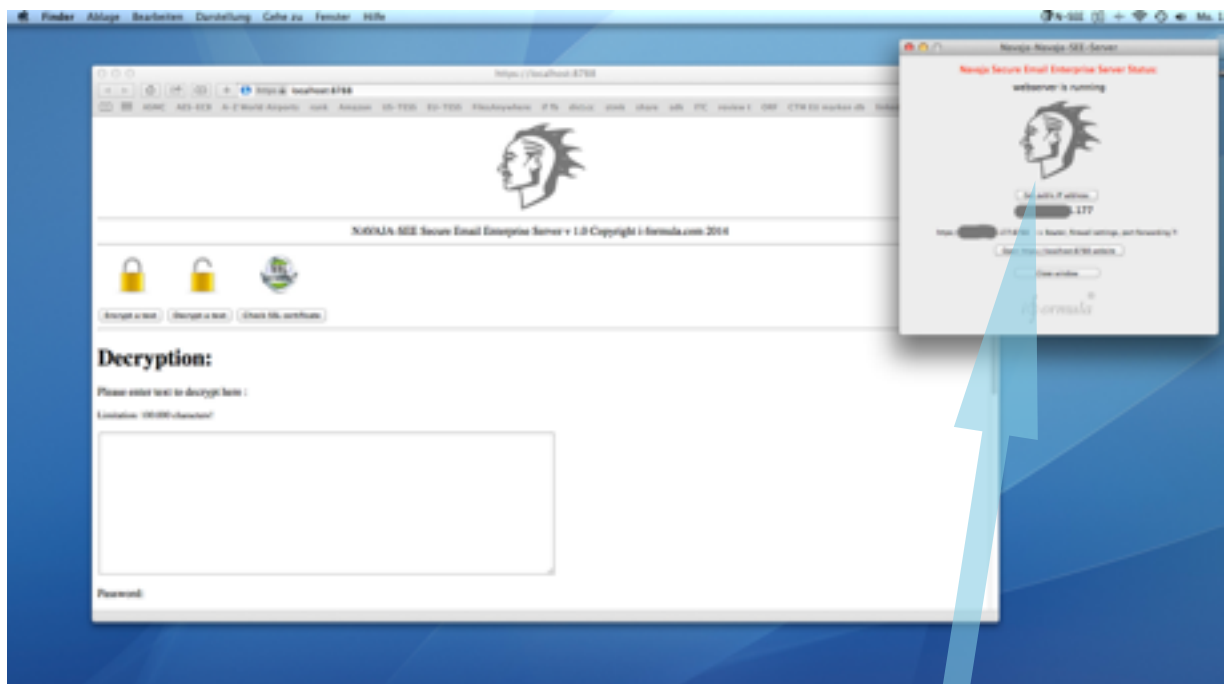
## Want to share your Navaja-NSEE server to the Internet

We recommend a VPN connection for external sharing to external clients for the highest security and accessing local IP-addresses only, but you can of course share your Navaja-SEE server just by configuring your router or local firewall ! Therefore you need to setup

your firmware or Internet router-modem with a port forwarding rule to your local mac. This is made directly in the router setup with a new rule, f.e. if your local mac, where your Navaja SEE server is running, f.e. has the local IP address 192.168.1.100 -> your

rule has to be set to this IP, Port:8777

To provide your public IP address to other, who want to access your Navaja-See server from the Internet just click the „Get public IP-Address Button“ in the NAVAJA SEE Server window !



Get public IP-Address to provide to others



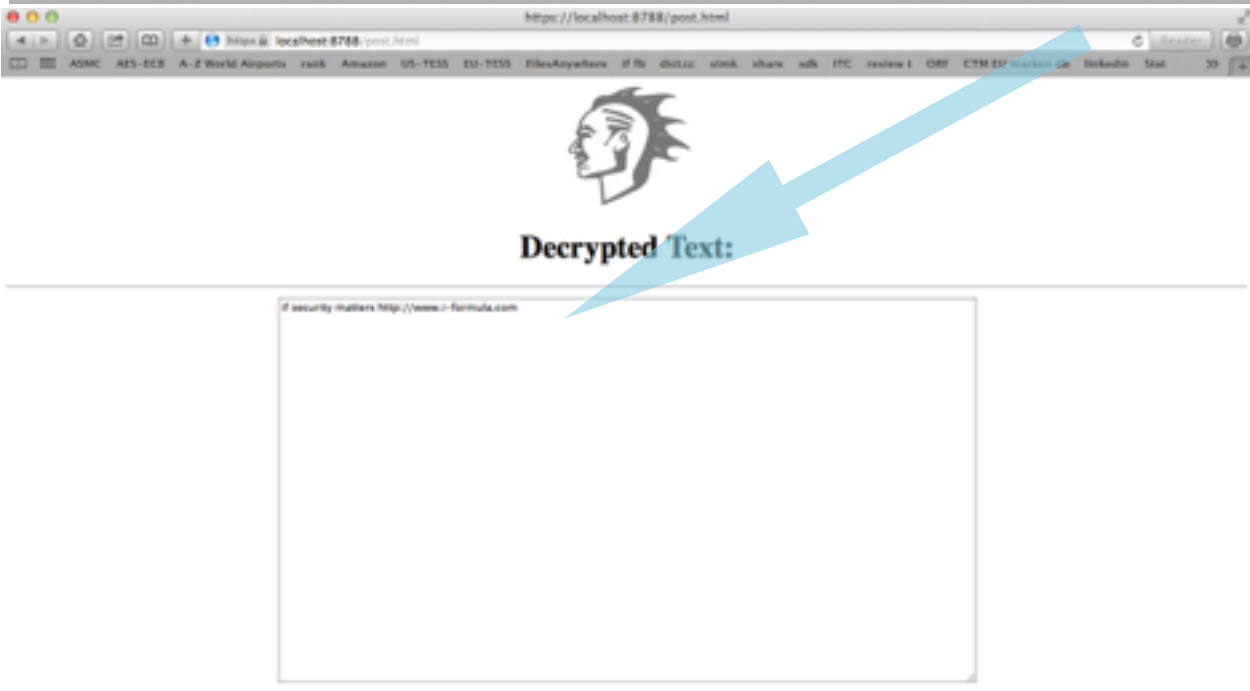
# Encryption, Decryption

## Decrypting

You received a encrypted message, which was originally encrypted with a

Navaja product ? **It's so easy** - Just cut & paste the text **without** the „navaja://„ string

into the decryption form, enter the password and the press decrypt button,





# Encryption, Decryption

## Encryption

You want to encrypt a text message 100 % secure and provide it to others, like iPhone, iPads, Android phones, Windows phones, Windows or Macs ?, Just that easy -

choose the „Encrypt a text“ button enter or copy & paste your text , choose a password press the „Encrypt“ button and copy & paste the encrypted text for further

processing your just email it out form the webpage by opening your configured email-client !!

The image illustrates the encryption workflow through four browser screenshots:

- Encryption:** The first screenshot shows a web page titled "Encryption:". It features a text input field with a placeholder "Please enter text to encrypt here:" and a "Limitation: 100,000 characters! Special characters will be removed!" note. Below the input is a password field with a "Password:" label and an "Encrypt" button.
- Encrypted Text:** The second screenshot shows the "Encrypted Text:" page. It displays a large box containing a long string of base64-encoded characters. A blue arrow points from the "Encrypt" button in the first screenshot to this page.
- Send encrypted text above as email:** The third screenshot shows a blue button labeled "Send encrypted text above as email" located below the encrypted text box. A blue arrow points from this button to the email client window in the final screenshot.
- Email Client:** The final screenshot shows an email client window with the subject "Decrypted Secure Email Message" and the body containing the encrypted text. A blue arrow points from the "Send encrypted text above as email" button to this window.



# Know Limitations

## Limitations

Navaja-SEE Server is a text-based secure communication server software system, it does not support special character like umlauts, special characters will be removed

automatically ! Web servers port is set to 8788 if you need another port, please contact us ! Message maximum characters is set to 100.000 characters for security anti-hammer reason, if

you need more or less characters please contact us ! In rare circumstances blank characters may be replaced by a + character between the several Navaja clients!



# Technical Details

## Technical Details

SSL tunneling

Port: 8788

Software capsuled webserver

Sandbox Capabilities:

Incoming, outgoing connections (Server, Client)

## SSL certificate authentication proof

In the NAVAJA-SEE Server webpage press the „Check SSL certificate“ button to see detailed information about the

self signed SSL certificate.  
**WARNINGS about the SSL certificate that it is not secure are normal !!! Because it is self**

**signed by the software and not from a big ssl certificate provider, which is of course not needed !!**





# Get Navaja iOS & Mac clients



<http://www.i-formula.com/navaja/ios/>



<http://www.i-formula.com/navaja/mac>



# Know Limitations

## Contact us

Having problems ?  
Don't hesitate to  
contact us for  
individual support !  
Our support  
response time set  
standards and is very

quick, we are looking  
forward to help you  
as soon as possible !  
Our goal are **very**  
satisfied customers,  
this and many other  
facts situated us as

one of the world  
leading Mac and iOS  
software engineering  
companies:

[office@i-formula.com](mailto:office@i-formula.com)

## Warnings, exclusion of warranty, liability and guarantee !!

!Exclusion of liability ! Exclusion of  
warranty and guarantee !

That powerful validation, and our  
reputation for safety, durability,  
reliability, and ease of use, has  
also driven our consumer  
dedication further than ever  
anticipated. Moving forward, our  
commitment to "Perfection"  
remains steadfast: we will never  
compromise quality. We will  
continue to invest tremendous  
resources in the technology and  
talent necessary to improve our  
products wherever possible; and  
we will always strive to deliver  
maximum customer satisfaction!

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typing errors may appear, the  
author of this document is not  
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manual is a "living document",  
which is constantly expanded and  
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Requirements:  
> Mac OS X 10.9, 10.10 or higher

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