

1.2 Connection Mode between User and NACCS

For each using network there is a Connection Mode between NACCS Center server and the user system, established through NACCS Network (router connection or gateway connection) or the Internet (netNACCS connection, WebNACCS connection and netAPI connection). Figure 1.2.1 shows the image.

1.2.1 NACCS Network

(1) Router connection

This mode allows the user's computers to connect to NACCS Center server one-on-one, or multiple. In this mode, Interactive Processing Mode is available for Data Transmission / Receipt Processing Mode.

This mode uses 'NACCS Packaged Software - Processing Mode Using Interactive' provided by NACCS Center. In accessing to NACCS Center server, a dedicated line or Fiber Optic Broadband can be used.

(2) Gateway connection

This mode allows the user's gateway computer to connect to NACCS Center server.

(A) Gateway connection (SMTP/POP3)

E-mail Style Processing Mode can be used for Data Transmission/Receipt Processing Mode. A dedicated line or Fiber Optic Broadband can be used to establish access.

(B) Gateway connection (SMTP Two-Way)

In this mode, the user's server needs to comply with the interactive processing interface requirement. Interactive Processing Mode (SMTP Two-Way) can be used for Data Transmission/Receipt Processing Mode. A dedicated line or Fiber Optic Broadband can be used to establish access.

❗ NACCS Network is a private network provided by NACCS.
It keeps a connection alive between the user and NACCS Center server and a fixed connection fee is applied regardless of the time of usage of the line.
There is no bandwidth guarantee for Fiber Optic Broadband connection because the connection types are provided on a best effort basis.
(See "Appendix 2 Access Lines and Access Points")

1.2.2 FInternet

(1) netNACCS connection

This mode allows the user's computer to connect to NACCS Center server one-on-one. In this mode, Interactive Processing Mode (netNACCS) is available for Data Transmission/Receipt Processing Mode.

Using 'NACCS Packaged Software - Processing Mode Using netNACCS' provided by NACCS Center, access to NACCS Center server is established through an Internet line.

Client/server authentication is used for communications between the user's computer and NACCS Center server and such communications are encrypted with TLS encryption that is the de facto standard for HTTP.

(2) WebNACCS connection

This mode allows the user's terminal (computer and smartphones) to connect to NACCS Center server one-on-one. In this mode, the WebNACCS Processing Mode (for web browser) is available for Data Transmission/Receipt Processing Mode.

The connection requires a web browser, and the access to NACCS Center server is established through an Internet line.

Client/server authentication is used for communications between the user's terminal (computer and smartphones) and NACCS Center server and such communications are encrypted with TLS encryption that is the de facto standard for HTTP.

(3) netAPI connection

This mode allows the user's gateway computer to connect to NACCS Center server. In this mode, Interactive Processing Mode (netAPI) is available for Data Transmission/Receipt Processing Mode.

An Internet connection can be used to establish access. Client/server authentication is used for communications between the user's gateway computer and NACCS Center server and such communications are encrypted with TLS encryption that is the de facto standard for HTTPS.

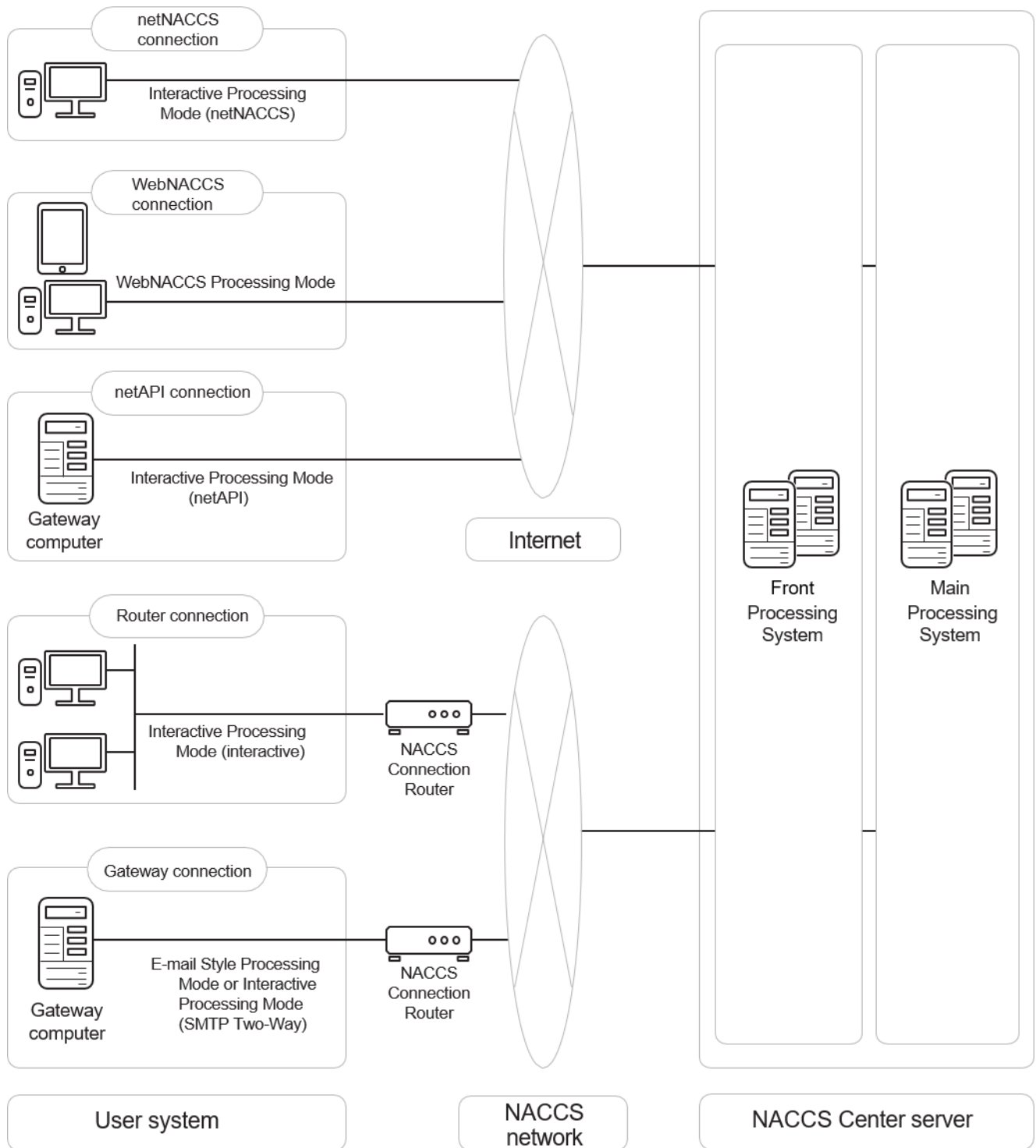


Figure 1.2.1 Connection Mode between User and NACCS