4.4 WebNACCS Processing Mode (for Web browser)

4.4.1 Outline of WebNACCS Processing Mode (for Web browser)

Figure 4.4.1 shows an outline of the WebNACCS Processing Mode (for Web browser) in NACCS. Refer to "Table A6-10 WebNACCS subjected Procedure List" for the subjected procedures of WebNACCS Processing Mode. For information on sending E-mail, please refer to "4.6.1 E-mail".

Furthermore, the EXC type message* output to a user who uses only the WebNACCS Processing Mode will be treated as an error in the procedure processing. Therefore, when a user who uses only the WebNACCS Processing Mode needs to receive a report to output an EXC type message, it is necessary to use a Processing Mode other than WebNACCS, such as netNACCS, in conjunction.

For information on EXC type messages, please refer to "5. Destination Control".

*Excluding the EXC messages that are subject to output in WebNACCS "Report Confirmation (WNC)" procedure.
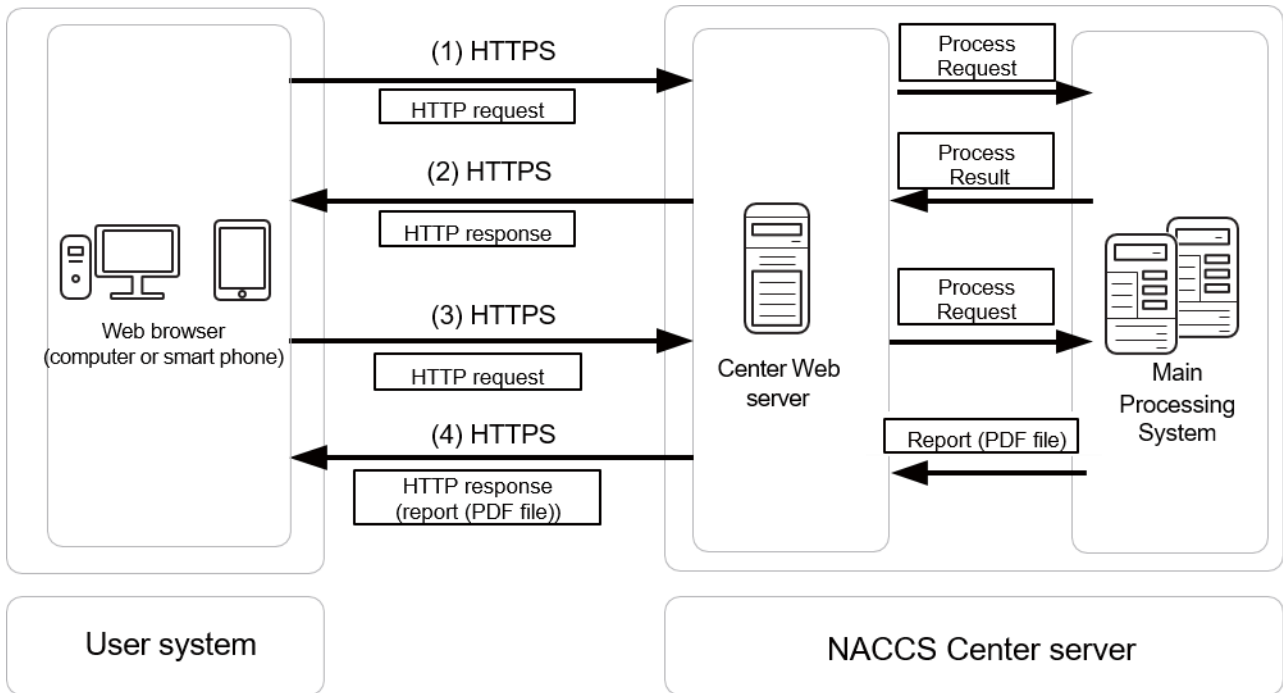

Figure 4.4.1 Process outline of the WebNACCS Processing Mode (for Web browser)

(1) The user accesses the URL of NACCS Center Web server via a Web browser, goes to the procedure screen to be performed, and enters the required items or clicks the button.

(2) The Web server sends a Process Request Message to the Main Processing System from the action corresponding to the request made by the user in (1). After the Main Processing System performs procedure processing based on the Process Request Message sent, a screen showing the Process Result will be returned to the user's Web browser. The user confirms the Process Result on the procedure screen of the Web browser.

(3) When a user outputs a report, they access the URL of NACCS Center Web server via a web browser, move to the procedure screen to be output, and enter the required item or click the print button, etc.

(4) In the Web server, a Process Request Message is sent to the Main Processing System from the action corresponding to the request made by the user in (3). The Main Processing System creates a report (PDF file) based on the sent Process Request Message, and then returns the report (PDF file) to the user's Web browser. The user checks the report (PDF file) on the screen using the web browser plug-in and prints it.

4.4.2 Details of the Communications Protocol

The communications protocol in WebNACCS uses TCP/IP as the network and transport layers and HTTPS as its upper layer. However, since all communication control of this Processing Mode is performed by the Web browser, the user does not need to be aware of the communications protocol.

(1) Certificates required for HTTPS communication

When using the WebNACCS Processing Mode, it is necessary to perform server authentication using SSL root certificate and client authentication using Digital Certificates. Therefore, it is necessary to install the SSL root certificate and Digital Certificates provided by NACCS Center on the user's terminal.

4.4.3 Procedure processing sequence

Figure 4.4.2 describes procedure sequential processing in WebNACCS Processing Mode (for Web browser). For message classifications, refer to "Chapter 3 Message Format and Structure".
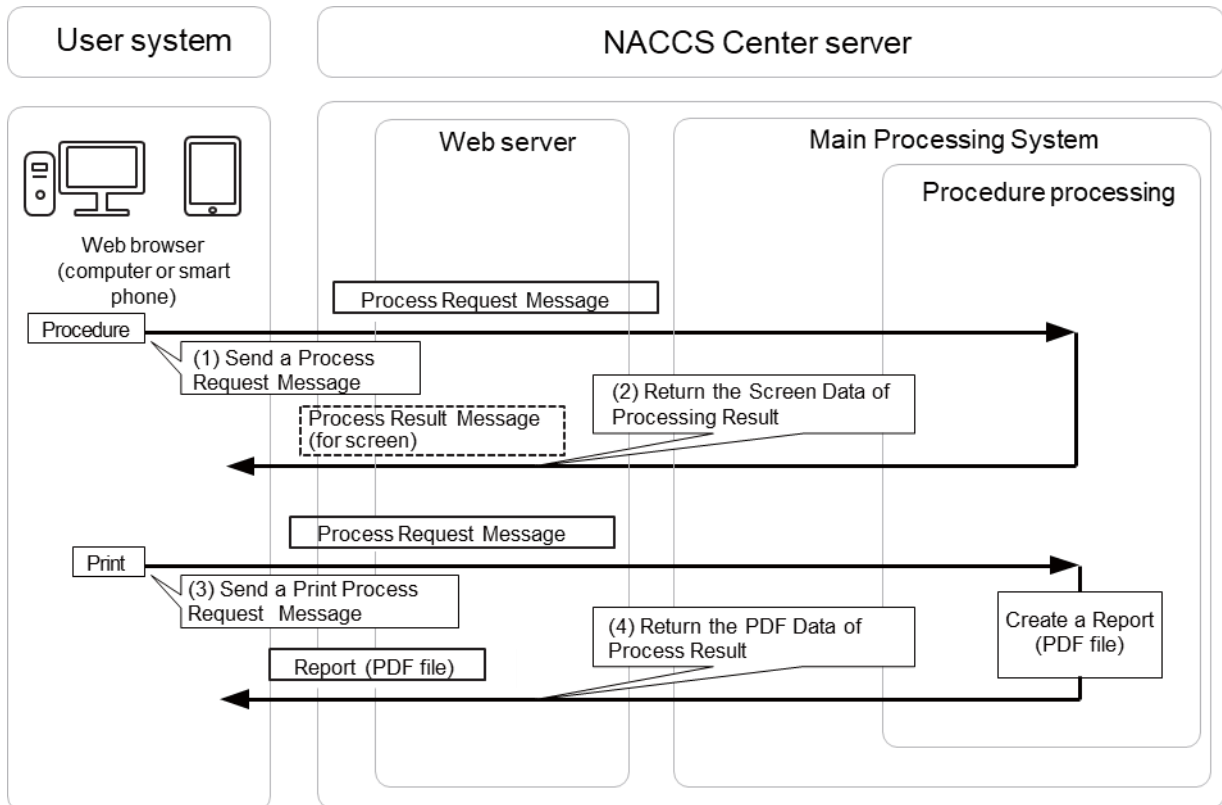

Figure 4.4.2 Example of procedure processing sequence in WebNACCS

(1) Access the URL of the Center Web server from a web browser, enter the necessary items on the procedure screen, and send a Process Request Message.

(2) The Output Information Message (for screen) will be displayed on the user's Web browser screen.

(3) The user operates a Web browser, moves to the procedure screen corresponding to the report to be output, and then sends a Process Request Message by clicking the print button, etc.

(4) The report (PDF file) will be returned to the user's Web browser.
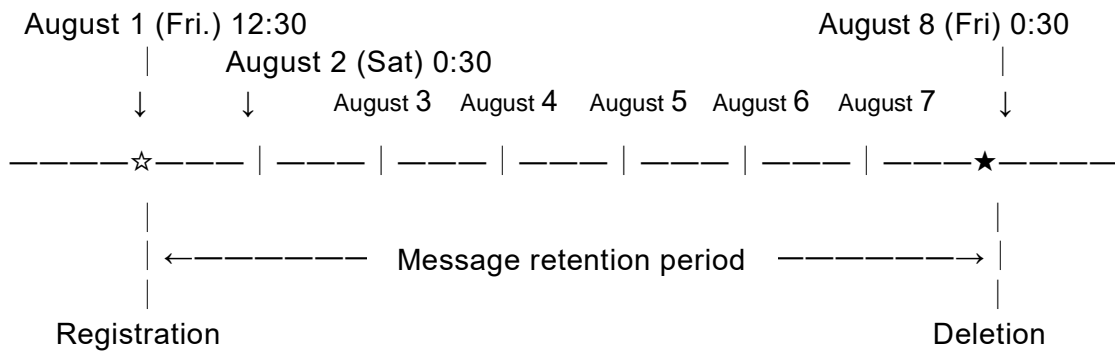
4.4.4 Others
(1) Retention period of Output Information Messages (for report) stored in the Output Message Cache

   Users must promptly retrieve the Output Information Message (for report) in the Output Message Cache. After that, the messages in the Output Message Cache will be deleted.
   However, the Output Information Messages (for report) which are not retrieved by users will be retained in the Output Message Cache for 7 days since the registration day (including Saturday, Sunday and National holiday). Message deletion will be carried out at a specified time during the night.
   In "Golden Week" (holiday week from the end of April to early May) or New year's holiday, NACCS Center will change the setting for a special retention period.

   (For reference) An Example of Deleting the Output Information Messages (for report) stored in the Output Message Cache (In case if the definite time is temporarily set at 0:30)

```
August 1 (Fri.) 12:30                              August 8 (Fri) 0:30
      |         August 2 (Sat) 0:30                       |
      ↓           ↓      August 3  August 4  August 5  August 6  August 7   ↓
———————☆———— | ———— | ———— | ———— | ———— | ———— | ————★————
      |                                                   |
      | ←——————— Message retention period ———————→ |
      |                                                   |
   Registration                                        Deletion
```

(2) Retention period for attachment files stored in attachment file storage table

   For retention period for attachment files for each procedure, refer to "System Retention Period for Each (DB)" in "Procedure Specifications".

(3) Notes when using WebNACCS

   Users who use WebNACCS should note the following points.

 (A) Available character
    The characters available in WebNACCS are based on the EDI specification. (See "3. Message Format and Structure_3.6 Code System" for details.) Impact when a prohibited character is entered on the WebNACCS browser, garbled characters may occur and procedure may not be performed correctly.

 (B) Session time error
    If there is no access to WebNACCS for more than 60 minutes while logged in to WebNACCS, an error (session timeout error) occurs at the next access, and the input data is cleared. The user must then log in again to continue using WebNACCS.