WebSAPConsole Installation Guide

for SAP GUI Version 6.40

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1. Prerequisites and General Settings

1.1 For Telnet connection

- Windows NT/2000/XP must be installed on the computer.
- The computer must be connected to the network.
- Telnet software must be installed on the computer. For more information, see Installing the Telnet Server and Installing the Telnet Client.
- A profile defining the host IP address of the telnet/SAPConsole server and the type of emulation that the RF device should use (such as VT-220) must be configured for each RF device.

1.2 For Web connection

- The Windows NT/2000/XP server must be installed on the computer.
- The computer must be connected to the network
- Web software must be installed on the computer. For more information, see Installing the SAP J2EE Engine, Configuring the SAP J2EE Engine and Configuring the IIS.

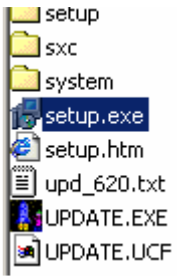
2. Installing Web-Enabled SAPConsole from the Installation CD

Web-Enabled SAPConsole is part of the front end R/3 Enterprise installation CD for release 6.40.
You can install SAPConsole on the specific NT server/workstation that will be responsible for communicating with the radio frequency (RF) devices. Installation options include the following:

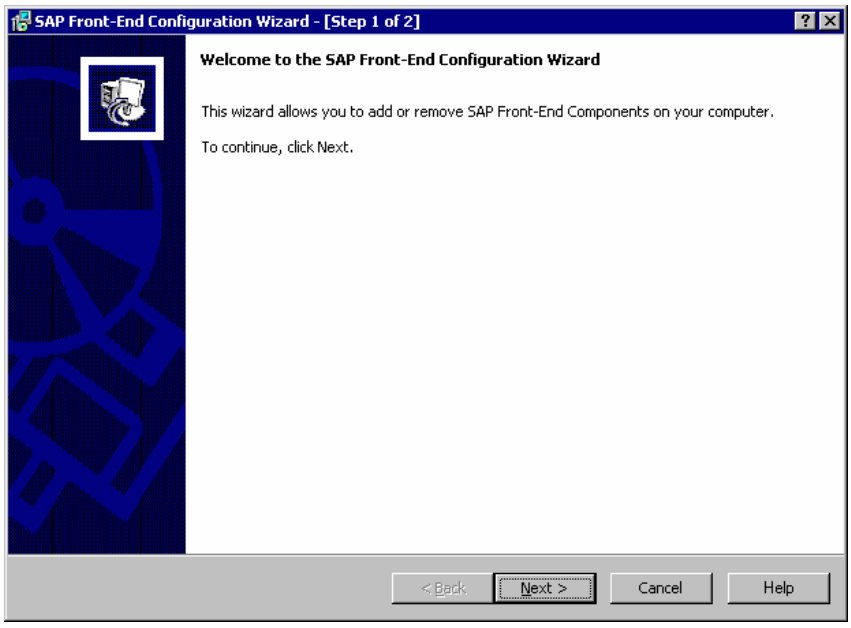
- Installing Web-Enabled SAPConsole
- Installing both Web-Enabled SAPConsole and SAPGUI, allowing for easier definition of services using SAPLogon

➢ To install Web-Enabled SAPConsole:

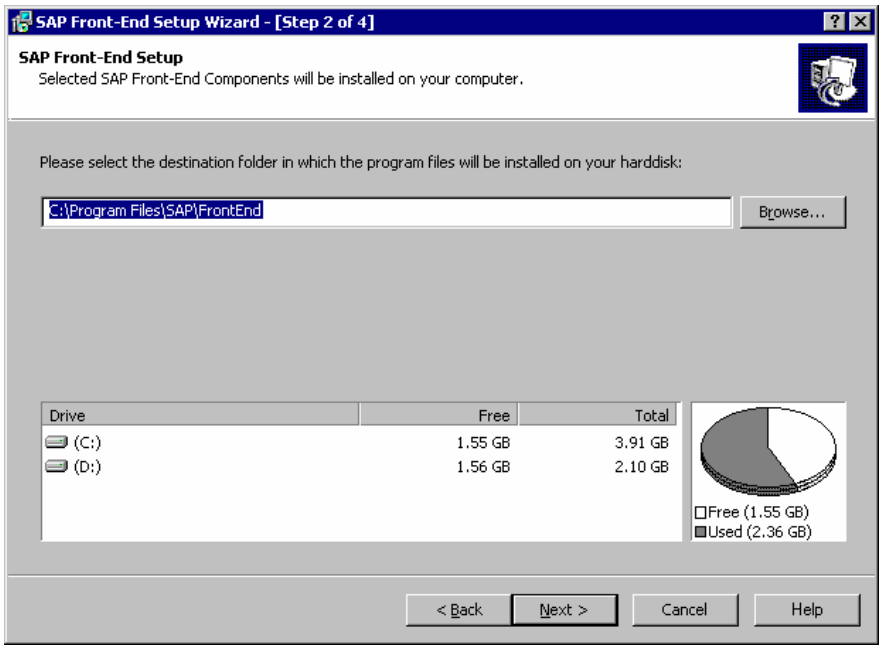
1. Double-click the SETUP.EXE file.



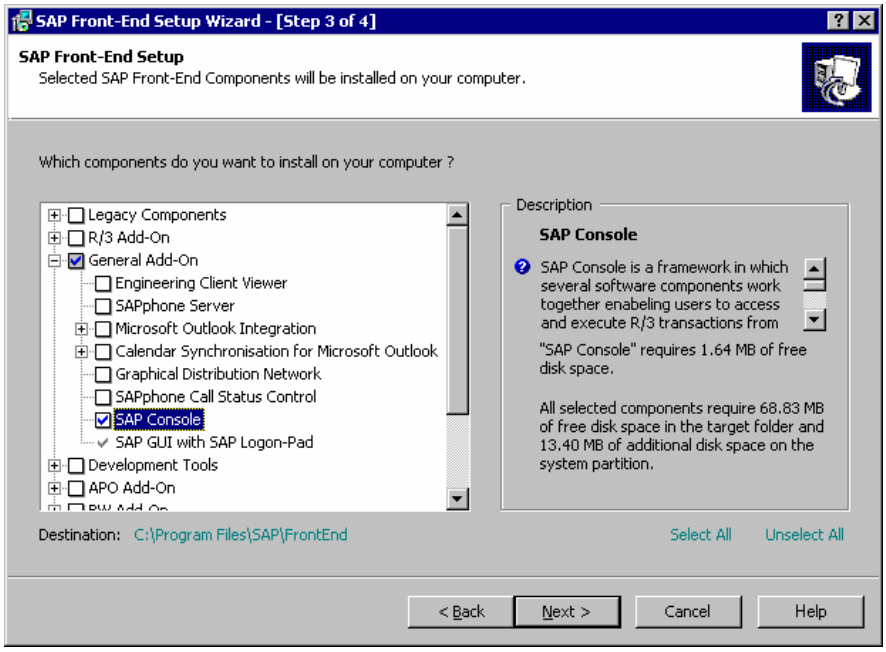
The initial screen appears.



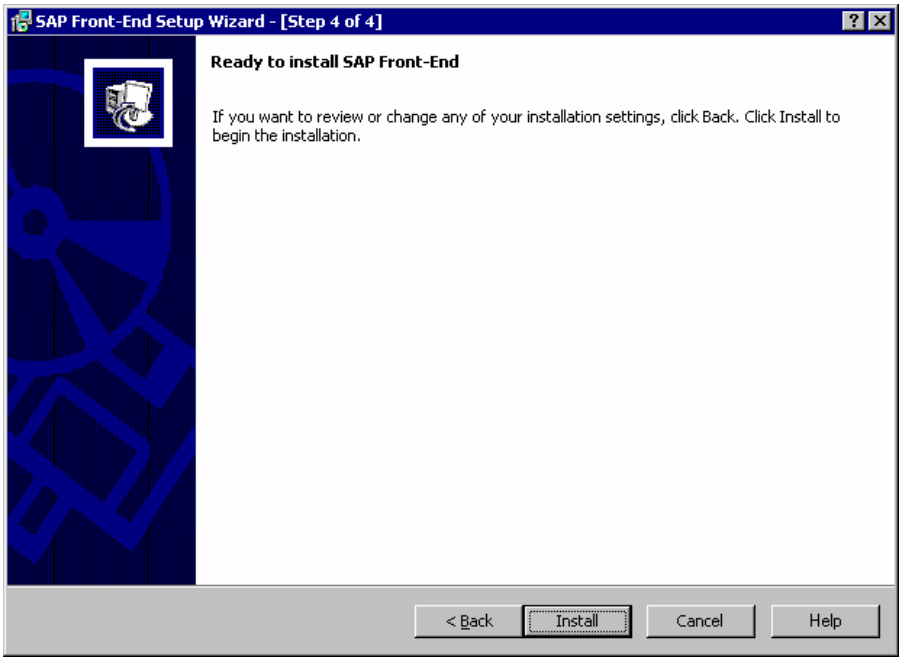
2. Choose *Next* to proceed to the next screen.
   The system recommends a default folder for the installation. Accept the recommended folder or choose a different one.



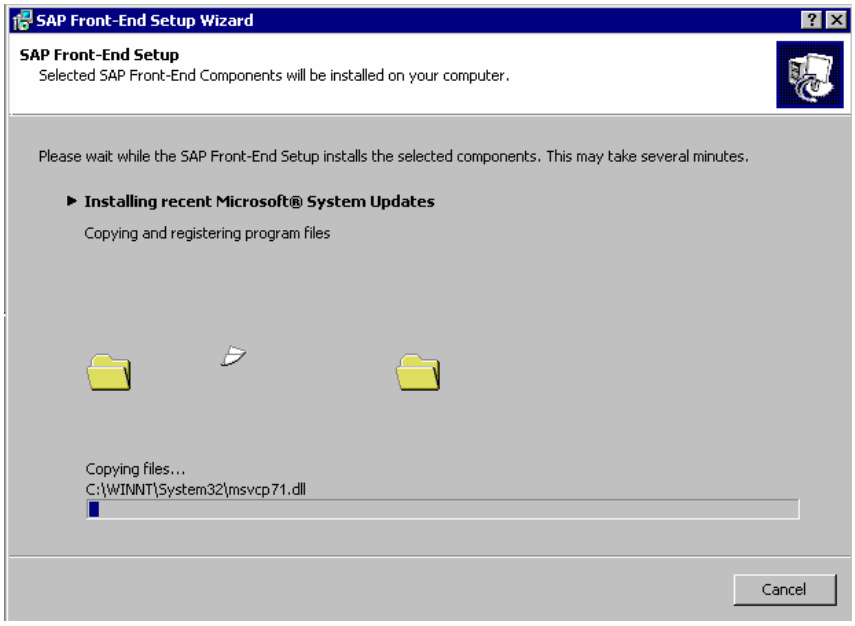
3. Choose *Next*.
4. Choose *SAPConsole* from the *General Add-On* list and choose *Next*.



5. If you want to review or change any of your installation settings, choose *Back*. To begin the installation, choose *Install*.



The installation of selected components commences.



6. Choose *Finish*.

7. Check that all SAPConsole files are in the correct directories.
   The default paths are as follows:

   C:\Program Files\SAP\Frontend\SapGui\websapconsole\ConnectionGuilib.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\ConsoleDisplayer.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\IntermecDisplayer.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\SymbolDisplayer.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\VoiceXMLDisplayer.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\WebDisplayer.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\isapi_sapcnsl.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\jsapcnsl.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\sapcnsl.exe
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\sapcnsl.dll
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\webconsole.war
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\images\saplogo.gif
   C:\Program Files\SAP\Frontend\SapGui\websapconsole\sounds\alert.wav
   C:\WINNT\system32\Profile.cpl

8. Add the location of the WebSAPConsole files into the environment variable '*Path*'. Default location is C:\Program Files\SAP\Frontend\SapGui\websapconsole

➢ To install SAP GUI:

1. Repeat steps 1-3 above.
2. Choose *SAP GUI* from the components list and choose *Next*.
   The system begins the installation.
3. After the installation is finished, choose *Finish*.

3. Configuring SAPConsole

For information on configuring SAPConsole, see the SAPConsole User Guide.

4. Appendix

4.1 Installing the Telnet Server

You must install the telnet server on the same server as SAPConsole. For information on installing a telnet server, see the installation guide and/or the user guide for the telnet server.

Available telnet servers include the following:
- SLnet 2.6 RF version from Seattle Labs (http://www.seattlelab.com)
- GS_Tnet from Georgia Softworks (http://www.georgiasoftworks.com)
- Other telnet servers that support VT220 emulation

4.2 Installing the Telnet Client

You should install the telnet client on a different machine. When configuring the telnet client profile:
- Enter the IP address of the machine on which SAPConsole and the telnet server are installed.
- Use the VT-220 emulation.
- Configure the function key codes according to the VT-220 emulation. For example, the virtual key code for *F1* is 112 (70 in hex).

4.3 Installing SAP J2EE Engine

SAP J2EE Engine runs with JDK versions above **1.3.1**, but below **1.4**.

➢ To install SAP J2EE Engine:

1. Go to http://service.sap.com/patches.
2. Log on.
3. Choose *SAP WEB AS → SAP WEB AS 6.20 → Binary Patches → SAP J2EE ENGINE 6.20 → OS independent*.
4. Download the latest SAP J2EE Engine 6.20 Cluster Patch (e.g. SAPJ2EE620C_14-10001433.SAR).

   You can choose *Info* to display the patch content.

5. Extract the archive on your server file into the separate directory (e.g. C:\extract) using program sapcar.exe (located on the SAP Service Marketplace: *SAP WEB AS→ SAP WEB AS 6.20 → Binary Patches → SAP Kernel 6.20 32-Bit→ NT/I386→ Database Independent*).

You should run the file sapcar.exe as follows:
sapcar -xvf SAPJ2EE620C_14-10001433.SAR -R extract
sapcar -tvf SAPJ2EE620C_14-10001433.SAR > system.lst

6. Install SAP J2EE Engine 6.20 by running visual.bat.
7. Restart your PC.
8. From the *Start* menu, choose *Programs → SAP J2EE Engine 6.20 → Dispatcher*.
9. From the *Start* menu, choose *Programs → SAP J2EE Engine 6.20 → Server*.
10. Check the work of a web server via the URL http://localhost. Default page should appear.

4.4 Configuring SAP J2EE Engine

1. From the *Start* menu, choose *Programs → SAP J2EE Engine 6.20 → Dispatcher*.
2. From the *Start* menu, choose *Programs → SAP J2EE Engine 6.20 → Server*.
3. From the *Start* menu, choose *Programs → SAP J2EE Engine 6.20 → Tools → Deploy Tool*.
4. Choose *Project → New* and create a new project (e.g. sapcons).
5. Choose *Assembler* tab. The new project appears in the left frame.
6. Choose *Assemble → Add Archive*.
7. Browse for webconsole.war and add it. Webconsole.war will appear in the left frame.

The default location of webconsole.war is C:\Program Files\SAP\Frontend\SapGui\websapconsole.

8. Choose webconsole.war. The file is selected.
9. Choose *Assemble → Make EAR* to create EAR file (e.g. sapcons).
10. Choose *Deployer* tab.
11. Choose *Deploy → EAR → Load EAR*.
12. Choose sapcons\sapcons.ear and load it.
13. Choose *Deploy → EAR → Connect*.
14. Enter the password (if it is needed) and press on '*Connect*' button.
15. Choose *Deploy → Deployment → Deploy EAR*.
16. Choose *Project → Save*.
17. Start WebSAPConsole via the URL http://<host>/webconsole/run

4.5 Configuring IIS

1. From the *Start* menu, choose *Settings* → *Control Panel* → *Administrative Tools* → *Services*.
2. Check that the IIS Admin Service and WWW Publishing Service are started.
3. From the *Start* menu, choose *Settings* → *Control Panel* → *Administrative Tools* → *Internet Services Manager*. The *Internet Information Services* window opens.
4. Expand the tree in the left frame.
5. Right *Default Web Site*.
6. Choose *New* → *Virtual Directory*.
7. Name the virtual directory (e.g SAP)
8. Set up the Web Site Content Directory
   (e.g. C:\Program Files\SAP\Frontend\SapGui\websapconsole).
9. Assign *Execute* access permission to the virtual directory.
10. Choose *Finish* and close the *Internet Information Services* window.
11. Start Web-Enabled SAPConsole via the URL http://<host>/sap/isapi_sapcnsl.dll.