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SAP NetWeaver Business Client for Desktop

Release 5.0 for Desktop

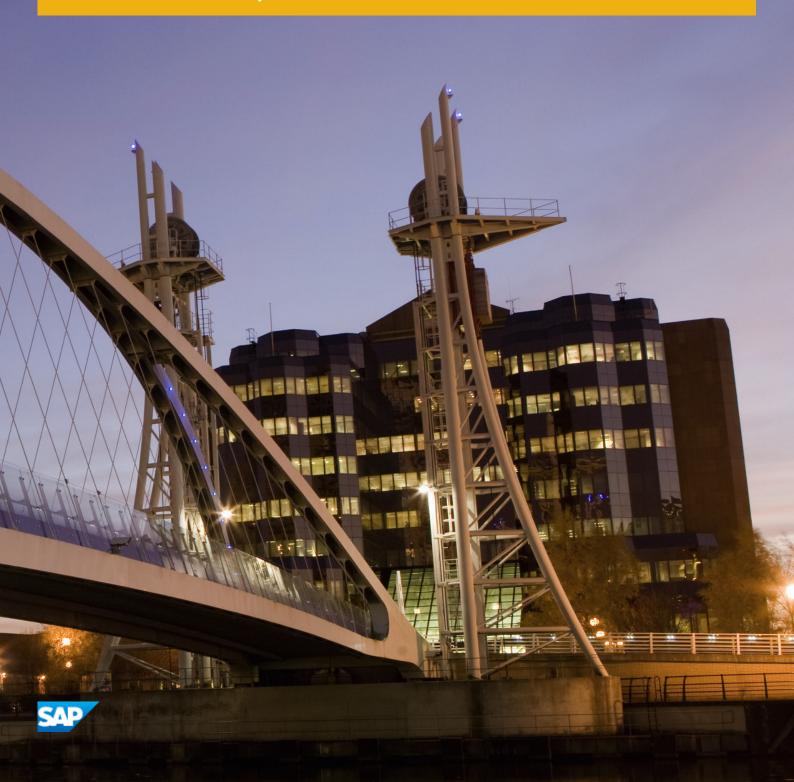


Table of Contents

1	SAP No	etWeaver Business Client	. 3
2	Overvi	ew	. 4
2.1	What's	New	5
2.2	Busines	ss Client Versions	10
2.3	Technology Block Diagram		
3	SAP No	etWeaver Business Client End User Guide	15
3.1	Starting	g NWBC for Desktop	.15
3.2	System	Connections	16
	3.2.1	Configuring System Connections	.17
	3.2.2	Connecting to Different Systems	22
	3.2.3	SAP Shortcuts	.22
3.3	Person	alization	22
	3.3.1	Personalization Settings	.23
	3.3.2	Personalization of Navigation Structure	26
3.4	Quick L	aunchaunch	27
	3.4.1	Search Types	28
	3.4.2	Search Provider Configuration	29
	3.4.3	Dropdown Menu of the Quick Launch	.31
	3.4.4	Direct Actions	33
	3.4.5	Search Result Page	34
	3.4.6	How to Search Using Quick Launch	35
3.5	SAPGL	JI Sessions	36
3.6	Navigat	tion	37
	3.6.1	Concepts	37
	3.6.2	Navigating Content	45
3.7	Logging	g Off	48

SAP NetWeaver Business Client 1

SAP NetWeaver Business Client (NWBC) is a user interface (UI) that presents a single entry point to different SAP business applications and technologies. It is a high-fidelity shell that integrates various UI technologies and design generations aimed at a more efficient, intuitive, and complete user experience over different UI technologies. Within the SAP NetWeaver Business Client, users can move seamlessly between Web Dynpro and SAP GUI transactions.

The SAP NetWeaver Business Client enables direct connectivity to the ABAP back-end system and PFCG role repository centrally holding SAP GUI, Web Dynpro and various Web content applications. NWBC provides rolebased access to applications either using the portal or directly using PFCG roles.

i Note

The following information is relevant only for the documentation for SAP NetWeaver Business Client 5.0 for Desktop, the Microsoft-Windows-based version of NWBC that is shipped as part of the user interface add-on 1.0 for SAP NetWeaver.

i Note

The graphics in the following documentation are examples of prototypes only. The design of NWBC is constantly developing. For this reason, the UIs may vary for different versions of SAP NetWeaver Business Client.

More Information



Caution

For **security** aspects, you must read the documentation, in particular chapter *Security Aspects*, in the *SAP* NetWeaver Business Client Administration Guide on SAP Help Portal at http://help.sap.com/nw-uiaddon. Under Application Help, open SAP Library and choose SAP NetWeaver Business Client SAP NetWeaver Business Client Administration Guide Security Aspects 2.

For the FAQ, see SAP Note 900000 -.

For release restrictions, see SAP Note 1754946 (NWBC for Desktop).

2 Overview

Use

The desktop version of SAP NetWeaver Business Client (NWBC) 5.0 has a modern and simple look and feel, and implements an easy-to-use, web-browser-like user experience coupled with easy navigation and a focus on content (tabbed browsing).

The figure below illustrates the main screen areas of NWBC, comprising the shell, content area, and the side panel:

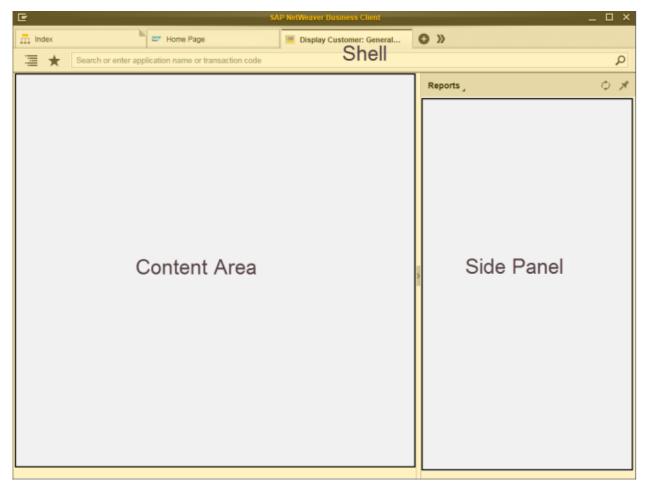


Figure 1: Screen Areas of NWBC 5.0

The desktop version allows you to adjust the appearance and settings of the business client to meet your personal and technical requirements, for example by selecting your theme or branding options.

The shell aims at reducing the space consumed by the client in favor of applications running in the content area where users do their actual work. They can use the side panel to display additional context-sensitive information

that relates to the main application. Users can open the menu from the icon in the header area and make system settings, customize view and personalization options, and access the help and support functions, including the product documentation. The presentation of the menu as a dropdown menu also helps to save screen space at the top of the shell.

The shell design is intentionally neutral to frame content from diverse applications and technologies, be it Web Dynpro or SAP GUI transactions. The shell for the desktop client is rendered in the Corbu design by default. This is a theme with a light, neutral design, and enlarged resolution for better readability. The user can customize the appearance of the shell and content area by switching the theme in the personal settings. It is possible to select either a dark or light flavor, which only affects the header area. The high contrast theme is also available, which triggers a theme change in the client, Web Dynpro, and SAP GUI pages. All content except for content embedded as Web URL is displayed with the high contrast theme.

With a tab-based navigation model (tabbed browsing), users are now able to work on multiple tabs in parallel. They can load any content into the tab rather than into a new window. Users can switch between the tabs easily without terminating the sessions; each new tab hosts a new session. If users are working with many applications in one window at the same time, they can get an overview of all the tabs in the tab bar by displaying the tab list or with the help of the tab previews in the task bar. The tab list displays all the tab titles if more tabs are open than can be displayed in the tab bar. Users can display the complete list of open tabs and quickly navigate to a selected

tab by choosing the **>>** pushbutton in the tab bar.

It is possible to personalize a user's navigation structure by adding pages for frequently used transactions or applications to the Favorites or by pinning tabs so they are available when the users logs on to a system the next time.

Users have many different options to find and launch applications. This includes navigating from an overview page, from the quick launch, or from the navigation panel. The overview pages such as the *Index* page and the *New Tab* page serve as the central point of entry to a role-based navigation.

The powerful search and quick launch capabilities of the desktop client are combined in a single type-ahead field. Users can either start a search using a configured search provider, for example, the Desktop Search, or they can directly start transactions or Web Dynpro applications. Search results are grouped into different search categories, for example, by results in *Favorites and Recent Items*, or by results for *Desktop Search* and *Transactions and Applications*.

2.1 What's New

Several new or changed features are available for SAP NetWeaver Business Client (NWBC) 5.0.

SAP GUI Integration (Enhanced)

System Connections (New)

As of NWBC 5.0 you can connect to SAP GUI systems within the NWBC shell.

For more information, see System Connections.

SAP GUI Sessions (New)

SAP GUI sessions are by default opened in new tabs. It is now possible to open SAP GUI sessions in new windows.

For more information, see SAP GUI Sessions.

- The SAP GUI start screen is displayed after logon.
- New sessions in new tabs can be created using the New Tab pushbutton or the standard SAP GUI operations, for example /o<TransactionCode> or the Create New Session pushbutton. For more information, see SAP GUI Sessions.
- The quick launch reflects the command prompt field. For more information, see *Quick Launch*.
- Tabs can be pinned, rearranged, or moved to a new window.
 For more information, see New Tab Page.
- Transactions in tabs can be added to favorites. For more information, see *Favorites*.

Stopping Transactions (New)

The Stop Transaction function coming from the SAP GUI window menu is now available in the context menu of an NWBC tab.

For more information, see Direct Actions.

SAP Easy Access on New Tab Page (New)

SAP Easy Access can be launched directly from the New Tab page to browse the SAP Menu.

Performance Improvements

When opening a transaction, the current SAP GUI canvas is reused.

NWBC initializes a SAP GUI process and communication layer between NWBC and SAP GUI immediately after the system connection is established. This enhances the performance when starting the first transaction after logon.

For more information, see Performance Analysis.

System Selection (Changed)

The NWBC system selector provides a single entry point to NWBC as well as SAP GUI connections and shortcuts.

The system selector provides two views: A list view and an explorer view. Both views can be filtered and sorted.

Workspaces are an additional option to structure and filter connections.

For more information, see System Connections.

SAP Shortcuts (New)

SAP Shortcuts are mapped to NWBC and can be used to start SAP GUI connections directly in NWBC. Applications addressed in NWBC start-up URLs are opened within an existing NWBC window if the connection matches the user and client.

For more information, see SAP Shortcuts.

Theme (Enhanced)

The desktop client version is by default rendered in the Corbu design, which is a theme with a light, neutral design and enlarged resolution for better readability. Nevertheless, users can keep the theme that is set in the SAP GUI options.

For more information, see Personalization Settings.

Favorites Panel (Enhanced)

You can add applications, transactions, and Web pages that you use frequently to your Favorites. Favorites are system-dependent. The list can therefore vary depending on your system connection. **Web links** are independent from systems and are therefore kept in the list also when you switch systems.

You can add Favorites to folders that you can order hierarchically and you can choose where to add the Favorites item to the list by using your cursor.

For more information, see Favorites.

Side Panel (Enhanced)

The icon for the side panel has changed from a switch to a toggle-button. The new icon is found next to the quick launch bar. Using a new setting, side panels can automatically be opened with the application.

Menu (Enhanced)

Personalization Menu (Enhanced)

As of NWBC 5.0 the personalization settings dialog has been enhanced as follows:

- Logon (New Section):
 - Hide system selector on start-up: This checkbox was previously in the section Other.
 - Entry Page: Users can choose one of the following options as an entry page: first pinned tab, Index page, new tab page, or first workcenter page.
 - Client Language: Users can explicitly select a different language as the client language (the language with which NWBC is started).
 - Use client language on system logon screen: Users can select this checkbox to ensure that system logon screens use the same language as the client language (see above). This setting overrules a language predefined in a system connection. It allows users to log on in a different language (than is the default) when authenticating through Single Sign-On; without this, there is no possibility to change the language in the system logon screen.
 - Administrator Configuration File: If this field is visible, users can change the source file for administrator-defined connection configuration settings.

• User Configuration File (Path): If this field is visible, users can change the path for their own self-defined connection configuration settings.

SAP GUI Interoperability:

- Use SAP GUI theme: Users can choose to keep the theme that they have set in the SAP GUI options instead of using the Corbu theme, which is the default setting.
- Open session in new window: Users can select this checkbox to open SAP GUI sessions in new windows instead of new tabs, which is the default setting.
- Show transaction codes: Users can display the transaction code of a transaction.
- *Merge system function bar and application bar:* Users can merge the system function bar and the application bar.
- Show title bar: Users can display the SAP GUI title bar of an application in the content area.
- Do not close tabs: Users can prevent NWBC from closing tabs with SAP GUI transactions when the user or program navigates back to the SAP GUI entry screen.

Other

- Show animations for tabs: This checkbox is selected by default. A loading animation is displayed when the content of a tab is loading.
- *Hide system selector on startup*: This checkbox has been moved from this section to the new *Logon* section.
- Open side panel with new tab: Users can select this checkbox to display an application and, additionally, its associated side panels.

For more information, see Personalization Settings.

Index Page (Enhanced)

Work center titles on the Index Page now contains links, offering users direct access to the work center's default page.

Business Client Versions (Changed)

The table shows the correct SP levels:

Table 1: Which SAP NW AS ABAP release is required to run a specific NWBC client version?

NWBC Client Version	NWBC Server Runtime Patch
NWBC 5.0 for Desktop	Apply the highest patch level of SAP Note 1353538.
For more information and relevant prerequisites, see	
SAP Note 2023658 .	

For more information, see *Business Client Versions* [page 10].

NWBC for Desktop Installation (Changed)

Prerequisites for NWBC 5.0 Standalone

Software

- SAP GUI for Windows 7.40
- Microsoft .Net 4.5 and Microsoft Visual C++ Redistributable for Visual Studio 2012

i Note

Microsoft Visual C++ Redistributable for Visual Studio 2012 is included in NWBC 5.0. If you do not have Microsoft Visual C++ Redistributable for Visual Studio 2012, it is automatically installed with NWBC 5.0.

For more information, see NWBC for Desktop Installation.

Connection Configuration (New)

NWBC can read, write, and parse the SAP UI landscape format. The *System Selection* dialog is now based on SAPUILandscapeGlobal.xml (administrator configuration file) under %APPDATA%\SAP\Common and NwbcOptions.xml.

A new user configuration file is implemented under the file name SAPUILandscape.xml

If no local user-specific SAP UI landscape file exists, NWBC creates a local SAP UI landscape file by parsing and converting the local NwbcOptions.xml and the local saplogon.ini together in one file that is stored under %APPDATA%\SAP\Common.

If no administrator configuration file exists, NWBC creates the SAPUILandscapeGlobal.xml under $APPDATA \SAP\Common\$. The file contains message servers, routers, and NWBC connections from the NwbcOptions.xml file.

For more information, see chapter Connection Configuration.

Installing NWBC with SAP GUI (Changed)

NWBC 5.0 can now be installed together with SAP GUI 7.40 in one installation step.

For more information, see Installing NWBC with SAP GUI.

Remote Systems (Enhanced)

NWBC offers the possibility to integrate content from other systems by using the property *Target System* in PFCG, either for single menu entries or for a whole role.

For more information, see Remote Systems.

Related Information

System Connections [page 16]

SAP GUI Sessions [page 36]

With NWBC 5.0, users can seamlessly open SAP GUI sessions.

Direct Actions [page 33]

Quick Launch [page 27]

New Tab Page [page 40]

Favorites [page 41]

SAP Shortcuts [page 22]

Personalization Settings [page 23]

2.2 Business Client Versions

Use

Which versions of NWBC are available?

The initial version of NWBC, SAP NetWeaver Business Client for ERP (NWBC 1.0), was released in 2007 exclusively for SAP Business All-in-One and the SAP Business Suite. It was soon followed by NWBC 2.0 based on new Microsoft .NET technology with the new Signature Design supporting a multi-window paradigm. This version was limited for use only with SAP Business ByDesign. The next version of NWBC, the 3.0 version, builds on the Signature Design, reintroducing SAP GUI support, and is available for all SAP business lines as one product providing universal access to SAP applications. With NWBC 3.0, a light-weight HTML-based version is also available specifically for single SAP NetWeaver AS ABAP/ABAP system scenarios.

NWBC 3.5 comes with enhanced navigation features, new menus, and a side panel, which shows additional context information that relates to the main application. NWBC for Desktop 4.0, has been released with the *user interface add-on 1.0 SPS01 for SAP NetWeaver* for SAP NetWeaver 7.0/7.01/7.02/7.03/7.31 (a direct shipment). It follows the tabbed browsing paradigm known from modern browsers such as Internet Explorer 9 and Google Chrome.

The latest child of the NWBC family, NWBC for Desktop 5.0, provides a much tighter integration with SAP GUI for Windows 7.40, supporting a common system connection infrastructure and enabling to access systems regardless of their release.

The following table provides an overview of the NWBC release versions and the related patches:

NWBC Client Version	NWBC Server Runtime Patch
NWBC 5.0 for Desktop	Apply the highest patch level of SAP Note 1353538.
For more information and relevant prerequisites, see	
SAP Note 2023658 .	

NWBC Client Version	NWBC Server Runtime Patch
NWBC 4.0 for Desktop For more information and relevant prerequisites, see SAP Note 1754946.	Apply the highest patch level of SAP Note 1353538.
NWBC 3.5 (for Desktop and for HTML) For more information and relevant prerequisites, see SAP Notes 1620514 and SAP Note 1620576.	Apply the highest patch level of SAP Note 1353538.

As successors of NWBC 3.5 and NWBC 4.0, NWBC 5.0 can also run with the back-end systems supported by former versions. However, some features supported by NWBC 4.0 and 5.0 depend on functionality in the SAP NetWeaver 7.03/7.31 or 7.40 back end, or in the user interface add-on 1.0 SPS 01 for SAP NetWeaver, and are not available when you connect to an older system.

Which SAP NW AS ABAP release is required to run a specific NWBC client version?

NWBC client requires a server runtime, which is a bundle of all the services that NWBC uses in the SAP NetWeaver Application Server ABAP (SAP NW AS ABAP). The NWBC server version is the version of the server runtime for NWBC. The server runtime for NWBC provides role navigation information and navigation resolving services.

NWBC for HTML is a browser-based shell for which a desktop installation is not needed. NWBC for HTML relates to the SAP NW AS ABAP on which it is running.

The following table provides an overview of the different back ends which all the versions of NWBC for Desktop (NWBC 3.5, NWBC 4.0, and NWBC 5.0) can connect to:

SAP NW AS ABAP with NWBC Server Version 3.5 or higher (*)	SAP NetWeaver Portal	Can be Used by Customers
SAP NetWeaver 7.00 SP28 SAP NetWeaver 7.01 SP12 SAP NetWeaver 7.02 SP12 SAP NetWeaver 7.03 = SAP NetWeaver 7.31	SAP NetWeaver 7.02 SAP NetWeaver 7.31	 Governance, Risk, and Compliance (GRC) SAP Access Control 10.0 SAP Global Trade Services 10.0 SAP Nota Fiscal Eletrônica 10.0 SAP Process Control 10.0 SAP Risk Management 10.0 SAP Supplier Relationship Management (SAP SRM) SAP SRM 7.0 and Enhancement Packages for SAP SRM 7.0 SAP ERP Central Component SAP ERP 6.0 BAiO SAP Solution Manager 7.1
SAP NetWeaver 7.11 SP11		FS Platform 400

SAP NW AS ABAP with NWBC Server Version 3.5 or higher (*)	SAP NetWeaver Portal	Can be Used by Customers
SAP NetWeaver 7.20 SP08	SAP NetWeaver 7.20	SAP NetWeaver
SAP NetWeaver 7.30 SP09	SAP NetWeaver 7.30	SAP NetWeaver
SAP NetWeaver 7.40 SP10	SAP NetWeaver 7.40	SAP NetWeaver

(*) You can find the NWBC server version in NWBC for Desktop by choosing Help About NWBC System Info ...

Besides functional enhancements supported by NWBC for Desktop 3.5 and higher, the NWBC server version 3.5 provides performance enhancements through server-side caching of navigation menus.

With SAP NetWeaver Business Client 5.0, you can connect to SAP NetWeaver 7.40 based systems using the server runtime for SAP NetWeaver user interface services. The server runtime for SAP NetWeaver user interface services provides a release-independent way to quickly deliver new features like theming capabilities to your system landscape.

Which features are available for which SAP NW AS ABAP for NWBC 3.5 or Higher?

Some features in NWBC for Desktop 3.5 and higher depend on functionality in the back end. They are disabled when running with back ends that are not suitable. Not all SAP NetWeaver releases support the NWBC runtime that is required to use a specific feature.

The following table provides an overview of which feature is available with which SAP NW AS ABAP version:

Feature	Required SAP NW AS ABAP	NWBC Client Version
Context-specific side panel and usage of data context	SAP NetWeaver 7.03 = SAP Net- Weaver 7.31 or higher	NWBC 3.5 client or higher
PFCG/Launch Application	SAP NetWeaver 7.03 = SAP Net- Weaver 7.31 or higher	NWBC 3.5 client or higher
PFCG/Visibility	SAP NetWeaver 7.03 = SAP Net- Weaver 7.31 or higher	NWBC 3.5 client or higher
Personalization: Easy Access favorites in the Favorites menu or as a work center	NWBC server version 3.5 or higher	NWBC 3.5 client or higher
Personalization: Display the SAP menu instead of the user menu	NWBC server version 3.5 or higher	NWBC 3.5 client or higher
Configuration parameter WEL- COME_MESSAGE	NWBC server version 3.5 or higher	NWBC 3.5 client or higher
Whitelist defined in back end	NWBC server version 3.5 or higher	NWBC 3.5 client or higher

Related Information

What's New [page 5]

Several new or changed features are available for SAP NetWeaver Business Client (NWBC) 5.0.

Side Panel [page 38]

The overall structure of the screen areas of NWBC for Desktop consists of the shell, the content area with the main application, and the side panel application.

Personalization Settings [page 23]

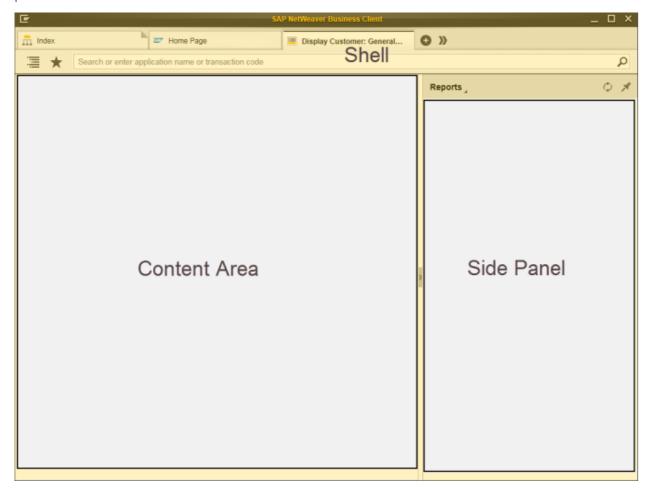
2.3 Technology Block Diagram

Use

NWBC consists of a shell and a content area. The main goal of the shell is to enable the navigation through business processes based on the roles assigned to the user. It is possible to load these roles from either an ABAP role repository (PFCG) or a portal role repository (PCD) using a set of Web services. Once the roles are loaded, they are presented to the user in an overview page such as the *Index* page and a detailed navigation area on the navigation panel.

Additionally, the shell can open any number of tabs, each with its own content area in which users can run a specific transaction as part of a business process. The side panel is an additional content area that can be used to display context-sensitive information that relates to the main application.

The figure below illustrates the main screen areas of NWBC, comprising the shell, content area, and the side panel:



The content area can display applications that are based on different types of technology, according to the required business process. For end users, the content area is the main area where they do their actual work.

The type of application running in the content area can be as follows:

- Dynpro-based (embedded SAP GUI for Windows) with protocol DYNP/DIAG
- Web-based in the Internet Explorer control with protocols HTTP/HTTPS
 This includes in particular Web Dynpro, UI development toolkit for HTML5 (SAPUI5), and Business Server Pages (BSP).

i Note

The side panel can only render Web-based content.

With this approach, NWBC as shell links the different application technologies by combining various content area types. Consequently, NWBC forms a connection between SAP's old SAP GUI and the more modern Web Dynpro.

3 SAP NetWeaver Business Client End User Guide

Use

This documentation provides a starting point for end users for the optimal use of SAP NetWeaver Business Client for Desktop. It contains specific information about the tabbed browsing navigation model and procedures how to navigate and to perform your everyday work in the business client. This section also provides information about end user configuration options such as configuring search providers, support information, and personalization settings.

3.1 Starting NWBC for Desktop

Context

To log on to NWBC for Desktop, you need an NWBC shortcut on your desktop. Once your system administrator has installed the business client on your machine, you can make your own settings and start performing your daily tasks. Change your password the first time you log on and at regular intervals. You must configure NWBC on your client the first time you log on.

Procedure



Depending on your personal settings for system connections, either a logon or a system selection screen is displayed, or NWBC opens directly with the roles configured for your user.

- 2. Proceed as follows:
 - If a logon screen is displayed, enter your user name and password.
 NWBC starts and connects to the last active system connection defined in your system configuration.
 - i Note

The logon screen is displayed the first time you open NWBC if the following applies:

- You have configured a system connection.
- You have selected the *Hide System Selector on Start-Up* checkbox in the personalization settings dialog (activated by default).

• If a system selection screen is displayed, select the corresponding entry in the list and choose *Log On*. The last active connection is highlighted.

i Note

The system selection screen is displayed if you have deselected the *Hide System Selector on Startup* checkbox in the personalization settings dialog. You can log on to a system connection, or add, change, and delete it.

Next Steps

Configuring System Connections

3.2 System Connections

System Selector

The NWBC system selector provides a single entry point to NWBC as well as SAP GUI connections and shortcuts.

The system selector provides the following views:

- List view
- List view together with explorer view

The explorer view is useful if you have many entries and want to structure them hierarchically.

To show or hide the explorer view, choose the **E** pushbutton.

Filtering and Structuring of Connections

You can filter and sort the system connections independently from the system selector view that you use. In the explorer view, you can order system connections in a hierarchical folder structure.

Workspaces are an additional option to structure and filter connections.

Using the dropdown menu in the top bar, you select a workspace or create a new workspace by choosing *New Workspace...*.

i Note

Users can locally create their personal workspaces. Nevertheless, the administrator can also predefine workspaces that cannot be changed.

NWBC Connections

In NWBC you can have one or more connections to different servers. A connection contains all relevant data required to instruct a server to retrieve all the relevant roles for a user. Since NWBC, as the shell, uses HTTP connections for its server communications, the connection data is also defined as a URL. The connection data is usually provided by the system administrator and must be configured.

Although you can define several connections, you can only have **one** connection active at a time. If you start a connection to a different system, the current session is closed and NWBC is restarted to clear all cookies that are stored in process.

More Information

Configuring System Connections
Connecting to Different Systems

3.2.1 Configuring System Connections

Context

You must configure a system connection on your client the first time you log on to NWBC. In the system selection screen you can also log on to a system connection, or add, change, and delete it. If system connections are already configured and you deselect the *Hide System Selector on Startup* checkbox in the *Personalization* settings, the system selection dialog is displayed each time you log on to NWBC in which the last active system connection is highlighted.

Procedure

- 1. Choose Settings Connections Systems... 2.
- 2. To configure a system connection, enter the required data. The table explains the system connection settings:

Setting	Description
Name (mandatory)	The name for the system connection

Setting	Description
	i Note Connections names must be unique names.
Туре	You can connect with NWBC either directly to a single ABAP server (connection type <i>Application Server ABAP</i>) or to a portal server (connection type <i>Portal</i>).
System ID	ID of the system
Message Server	Server with which the system communicates
	i Note This field is prefilled and cannot be changed by the end user.
Description	Description of the system connection
Application Server	Application server with which the system is connected
	i Note This field is prefilled.
URL (mandatory)	i Note This field is prefilled.
	The HTTP URL that is needed to connect to the server.
	The server name must include a fully qualified domain part as well.
	The protocol is either http://orhttps://.
	The path is usually either /sap/bc/nwbc for an ABAP-based connection, or /irj/portal for a portal-based connection.
	The complete syntax for the URL is as follows:
	http(s):// <server>.<domain>.<ext>:<port>/<path></path></port></ext></domain></server>

Setting	Description
Client (only visible for a connection to an ABAP system)	3-digit client for the connection, for example, 000
Language (only visible for a connection to an ABAP system)	UI language of NWBC
SAP GUI Logon Description (only visible for a connection to an ABAP system)	This field is prefilled. If SAP Logon settings have been specified, SAP GUI for Windows running in NWBC uses them. The entry in the SAP GUI Logon Description field, for example, SYS [PUBLIC], must correspond exactly to what is specified in SAP Logon (or else NWBC cannot find and use the settings). Examples of SAP Logon settings are SAProuter, group selection, and so on. The figure below is an example of the SAP GUI Logon Description in NWBC and in the SAP Logon screen: Vince SAP GUI Logon Description SAP Logon screen: SAP GUI Logon Description SAP GUI Logon Description SAP GUI Logon SAP GUI Logon SAP GUI Logon SAP GUI Logon Description SAP GUI Logon SAP GUI
	For more information about load balancing, see <i>Using NWBC with a Load Balancer</i> .

Setting	Description
	Secure Network Settings (SNC) work as of SAP GUI 7.20 patch level 4.
	Example
	In this example scenario with one SAP Logon system and several remote systems, you can maintain the SAP GUI Logon Description not only for the SAP Logon system but also for the remote systems. This allows you to configure load balancing on the client side for the SAP Logon system and also for the remote systems.
	NWBC connects to the server Server_A of the system SYS. The roles for this system comprise the following remote clients and servers:
	 System RMA, server Remote_A.domain, client 000 System RMB, server Remote_B.domain, client 000 and client 001
	You have the following options to configure load balancing:
	 To achieve SAP GUI load balancing with system SYS, maintain the SAP GUI Logon Description (SYS [PUBLIC]) in the NWBC connection settings. To achieve SAP GUI load balancing for the re-
	mote clients and server, configure NWBC con- nections for all clients on all servers that are accessed with remote roles:
	 Remote_A connection: URL: http://Remote_A.domain:port/ nwbc Client 000 SAP GUI Logon Description: RMA [PUBLIC]
	 Remote_B 000 connection: URL: http://Remote_B.domain:port/ nwbc Client 000 SAP GUI Logon Description: RMB [PUBLIC]

Setting	Description
	O Remote_B 001 connection: URL: http://Remote_B.domain:port/ nwbc Client 001 SAP GUI Logon Description: RMB [PUBLIC] The server URL must be fully qualified with domain name. Then configure all necessary entries in SAP Logon (RMA [PUBLIC] and RMB [PUBLIC]) and configure load balancing for them.
Filter ID (only visible for a connection to a portal system)	A grouping of specific settings that control what kinds of data are displayed in the system you are logging on to.

3. To access a system connection, select the corresponding entry in the list and choose *Log On*. You can also log on to a system using a quick selection option for selecting a system. Choose the *Log On* menu option. This menu shows a selection of the last used system connections. The currently active connection is highlighted. If you want to use other system connections, you can access the system selection dialog from here. Connecting to a system this way starts a session in a new window without closing the current system connection.

i Note

You can view the system information in the status bar in NWBC. This helps you to keep an overview of the systems you are currently using when you have multiple windows open in parallel. The system information in NWBC is synchronized with the SAP GUI for Windows status bar. It can be activated or deactivated either in the personalization settings dialog or in the SAP GUI status bar.

You also have the following options:

- To create a system connection, choose . The usual system connection dialog is displayed where you can make your entries for a new system connection.
- To change a system connection, select the corresponding connection and choose . The usual system connection dialog is displayed where you can change the entries for a given system connection.
- To delete a system connection, select the corresponding connection and choose . A confirmation dialog is displayed. If you choose *Delete*, the system connection is deleted both from the system selection and from the system configuration screen.
- To copy a system connection, select the corresponding connection and choose .

i Note

This option is relevant especially when system connections are predefined by the administrator and are therefore read-only for end users.

3.2.2 Connecting to Different Systems

Procedure

You can select the system to which you want to connect if you have configured it beforehand. If you connect to a different system, NWBC is restarted with the new system connection while the current system connection is closed.

To connect to a different system, proceed as follows:

- 1. Choose Settings Connections Systems... The Systems dialog opens.
- **2.** Select the system you want to connect to and choose the *Log On* pushbutton. NWBC is restarted with the new system connection.

i Note

You can also connect to a different system using a quick selection option that allows you to start a different system connection in a new window without closing the current system connection using the *Log On* menu option.

For more information, see Starting NWBC.

3.2.3 SAP Shortcuts

SAP Shortcuts are mapped to NWBC. Depending on a registry entry that is set during installation, it is possible to start an SAP GUI connection directly in NWBC.

NWBC shortcuts are based on URLs. Applications addressed in NWBC start-up URLs are opened within an existing NWBC window if the connection matches the user.

A new shortcut is opened in a new window. If you re-open a shortcut, it is opened on a new tab within the same window.

For more information, see section Administrator Configuration Tips.

3.3 Personalization

Use

You can make different settings to personalize the appearance and the navigation structure of the desktop client.

More Information

Personalization Settings

Personalization of Navigation Structure

3.3.1 Personalization Settings

Use

You can make different settings to personalize the appearance of the desktop client. Go to the personalization settings dialog by choosing Settings Personalize and change the settings as needed. The table shows the personalization settings relevant for NWBC for Desktop:

Setting	Description
Appearance	
Theme	You can choose the standard or the high contrast theme. For the standard theme, you can choose between different flavors:
	LightDark
	The high contrast theme applies to the shell as well as to Web Dynpro applications, SAP GUI transactions, and service maps loaded in the content area. Content embedded as Web URL is not displayed with the <i>High Contrast</i> theme. If you change the theme for a SAP GUI transaction, you have to restart NWBC for the change to take effect.
	 i Note If your administrator has predefined a theme for the system connection you are using, you can choose between the following options: • Custom Theme • High Contrast
Zoom	Use the slider to increase or decrease the font size.
Font Size	Select a font size.
Accessibility	
Accessibility Mode	Activate the accessibility mode to provide input for screen readers that read the Web Dynpro and HTML screens.
	The rendered HTML pages contain additional HTML coding.

Setting	Description
	i Note Be aware that the SAP GUI theme is switched from Corbu to Signature after you have activated the accessibility mode and restart NWBC. This cannot be changed when you are working in the accessibility mode.
Logon	
Hide system selector on startup	This option is activated by default. NWBC logs on automatically to the last used system connection.
	If you deselect this checkbox, NWBC displays a system selection screen, just like the normal logon screen, where you can select all the systems that have been configured, change or delete existing connections, and create new ones.
Entry Page *	Select your entry page from the following selection:
	 First Pinned Tab (Default) Index Page New Tab Page First Work Center Page
Client Language	Select a different language as the client language (the language with which NWBC is started). If no language is specified here, the language defined in Microsoft Windows Region and Language (Format) settings is used.
Use client language on system logon screen	Select this checkbox to ensure that system logon screens use the same language as the client language (see above). This setting overrules a language predefined in a system connection. It allows you to log on in a different language (than is the default) when authenticating through Single Sign-On; without this, there is no possibility to change the language in the system logon screen.
Administrator Configuration File	Change the source file for administrator-defined connection configuration settings.
User Configuration File (Path)	Change the path for your own self-defined connection configuration settings.
SAP GUI Interoperability	
Easy Access Favorites in favorites panel *	Display the Favorites that you have defined in the SAP Easy Access menu in SAP GUI.
Easy Access Favorites as work center *	Display your SAP Easy Access Favorites as a work center.
Use SAP Menu instead of user menu *	Display the SAP menu instead of the menu defined for your role in PFCG.

Setting	Description
Use SAP GUI theme	If you want to use a theme for your SAP GUI screens that is different from SAP Corbu, you can set this theme in the SAP GUI options and define that this theme is kept by NWBC. For example, you can use different colors for different systems.
	i Note
	Using a different color is a feature that is available with the themes SAP Signature and Enjoy, but not with SAP Corbu.
Start transaction without validation check *	When the user enters a transaction and then presses ENTER, the transaction opens in a new tab. The system does not validate if the transaction exists in the user menu or in the back end.
	By default, this setting is not selected.
Do not close tabs	Prevent NWBC from closing tabs with SAP GUI transactions when you or a program navigates back to the SAP GUI entry screen.
	By default, this setting is not selected.
Open session in new window	Select this checkbox to open new SAP GUI sessions in new windows instead of new tabs, which is the default setting.
Show transaction codes *	Display the transaction codes (technical names) in addition to the transaction names in the navigation panel.
Enable SAP GUI OK code	Display this command field for SAP GUI transactions that run in NWBC.
Merge system function bar and application bar	Merge the system function bar and the application bar.
Show title bar	Display the SAP GUI title bar of an application in the content area. However, to avoid unnecessary consumption of screen space, the title bar can be hidden. Note that the application title is always shown on NWBC tabs.
	This option is selected by default.
Other	
Open side panel with new tab	Select this checkbox to display an application and, additionally, its associated side panels. If there is more than one side panel, the system displays the last one that the user selected. By default, this setting is not selected.
Show tab previews in taskbar	This option is selected by default. Display tab previews in the taskbar for all tabs that are currently open.
Show tabs on a separate row	Users can display the elements in the header area in one row, including the push- buttons to display the favorites and navigation panels, tabs, and the type-ahead field for the quick launch.

Setting	Description
	This setting helps users to increase the space for the content area by reducing the header height.
Show animations for tabs	This checkbox is selected by default. A circular loading bar is displayed when the content of a tab is loading.
Show system information in status bar	Display the system information in the following ways: In the NWBC status bar as <system> (<client>) <user> [<language<] <system="" as="" in="" of="" preview="" tab="" the="" title=""> (<client>) This helps users to keep an overview of the systems they are currently using when they have multiple windows open in parallel.</client></language<]></user></client></system>
	i Note The system information in NWBC is synchronized with the SAP GUI for Windows status bar. You can activate or deactivate it either in the personalization settings dialog or in the SAP GUI status bar.

^{*} NWBC connections only

3.3.2 Personalization of Navigation Structure

Use

You can personalize the navigation structure relevant for your user in many different ways:

- You can add pages to your Favorites in the favorites panel.
- You can pin tabs (right mouse click the tab title). The pinned pages are available the next time you log on to the system.
- You can change the order of tabs within a window using the context menu (right mouse click the tab title) or drag and drop. The order of pinned tabs is reconstructed the next time you log on to the system.
- You can change the icon of the tab by choosing *Change Icon* from the context menu for this tab.

More Information

Favorites

3.4 Quick Launch

Use

You can use this search option to search for entries within the navigation tree and start ABAP transactions or Web Dynpro applications using a type-ahead field. The figure below illustrates where the quick launch is located in the upper part of the screen:

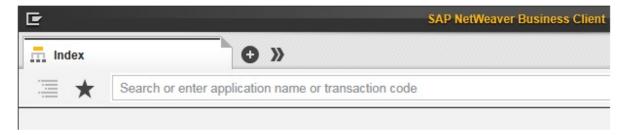


Figure 2: Example of Quick Launch

Using the quick launch you have the following options:

• Start a transaction or application

As soon as you enter the name of a transaction or an application, the dropdown menu of the quick launch automatically opens, which is divided into different categories. In this dropdown menu, you can directly start a transaction or an application.

Search

You can access your search providers and search for specific terms. As soon as you enter a search term, the dropdown menu of the quick launch automatically opens. It is divided into different categories, in which you can choose between the search suggestions of different search providers.

You can use mnemonic search against your pre-defined search providers. Using mnemonic search, you can also start the desktop search function. Per default, [d] is configured as mnemonic for Windows Desktop Search.

Navigate to URLs

If you enter a URL into the type-ahead field without adding http://, the system automatically adds https://, or file://, http://.

i Note

With pure SAP GUI connections, it is only possible to enter transaction codes and commands; no search is possible. The quick launch reflects the command field.

Features

Search Types

Search Provider Configuration

Dropdown Menu of the Quick Launch

Direct Actions

Search Result Page

3.4.1 Search Types

Use

To conduct a search using the type-ahead field, you can use different types of search providers. These can be built-in providers such as Windows *Desktop Search* or *Transactions and Applications*, search providers defined in the *Role Maintenance* (PFCG) transaction as well as search providers defined in the front end of the client.

Features

Enterprise Search

The integration of SAP Enterprise Search if configured (available from SAP NetWeaver 7.03 onwards). All Enterprise Search connectors configured and active on the SAP NetWeaver Application Server are automatically offered as search providers when conducting a search in NWBC for Desktop.

External Search

NWBC has a built-in search functionality using search providers that have been configured in advance in one of the following ways:

- Centrally using the Role Maintenance (PFCG) transaction
 For more information, see Menu.
- Locally in the Search Provider settings (using NWBC's Search Providers dialog)

A search provider is defined by a URL. There are two types of URLs:

- A **direct search URL** that contains a placeholder for the query string that results in an HTML page with search results. The URL can be any URL that contains a string "{0}" as the placeholder. This placeholder is replaced with the query the user enters and the URL directly navigates to the specified HTML search result page.
 - Example: http://www.sap.com/search/index.epx?q1={0}
- An OpenSearch URL that points to an OpenSearch metadata description (see http://www.opensearch.org).

The metadata is an XML file that can contain multiple search services in the following flavors:

- o As HTML search result page
- As suggest providers whose result is a list of search suggestions that are displayed in the dropdown menu of the quick launch

Example: http://en.wikipedia.org/w/opensearch_desc.php

Desktop search

The Windows Desktop Search is an embedded standard Microsoft search option that is always available.

3.4.2 Search Provider Configuration

Use

Administrators can configure search providers in the *Role Maintenance* (PFCG) transaction under the @SEARCH@ node, or using the local administrator configuration file, or on the front end by the user in the *Search Providers* configuration dialog.

Activities

Configure Search Providers

To add, configure, and delete a search provider using the *Search Providers* configuration dialog, choose *Settings Connections Search Providers* or choose *Options* in the lower part of the dropdown menu of the quick launch.

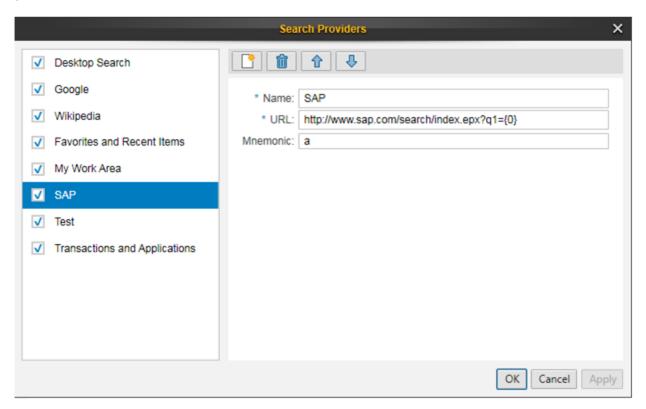


Figure 3: Example Search Providers Dialog Box

Add Search Providers

To add a search provider, choose and enter the required data. For each search provider, you can define the start-up URL that is to be called with the search term.

The table specifies the data required to add a search provider:

Name	Description
Name	The name of the integrated search provider. This is the name that is displayed in the list of all search providers.
URL	The URL that is used to conduct the search with the search provider. It must be the full URL as it would usually also be entered in a browser to conduct the search. Use the sequence {0} within the URL to mark the position where the search string should be placed.
	Example http://www.sap.com/search/index.epx? q1={0}
Mnemonic	Optional shorthand symbol, for example, a letter that you can configure as mnemonic for a selected search provider, followed by the search string. The search is then carried out directly in the search provider configured for this letter.
	For example, [a] is configured as mnemonic for search on the SAP homepage (as in the example of a search providers dialog shown above). When you enter a in the quick launch followed by the search string, the search is carried out on the SAP homepage.
	i Note You can configure the mnemonic search function only in the front end.

Sort Search Providers

You can change the order in which your search providers are displayed in the quick launch dropdown menu and its submenu by choosing the $\widehat{\mathbf{T}}$ or $\widehat{\mathbf{V}}$ arrow.

Activate/Deactivate Search Providers

You can activate or deactivate the checkboxes to specify which search providers should be available when conducting a search.

Delete Search Providers

To delete an existing search provider, choose $\widehat{\mathbf{m}}$.



Caution

You cannot locally delete search providers that were configured centrally in the PFCG (for example Desktop Search and ABAP Transactions). On the front end you can only delete locally configured search providers. For more information, see section Search Types.

Dropdown Menu of the Quick Launch 3.4.3

Use

As soon as you start typing into the type-ahead field, the dropdown menu of the quick launch automatically opens (see figure Example of a Search). This dropdown menu is divided into different categories, which gives you several options to conduct a search. You can either conduct a search with one of the search providers that have been configured, or start a transaction directly in the ABAP system or a Web Dynpro application available in the SAP NetWeaver Application Server.

i Note

If you add /n, /o, and /t as a prefix to your search term, the direct action Start Transaction 'ABC' is listed at the top in the dropdown menu as the default action.

By default, NWBC loads a list of search providers from the server, if configured. However, you can also configure additional search providers locally, which can be used in exactly the same way as the other already integrated search providers such as Desktop Search. The search providers that are displayed in the dropdown menu must be configured in advance in the Search Providers settings for the client and in PFCG for the server.

Features

The following table shows the different categories for "direct actions" that are displayed in the dropdown menu and the options for each of them:

Direct Action	Options
Search for 'ABC' with 'xyz'	Conduct a search with the last used search provider
Start Transaction 'ABC'	Directly start a transaction or a Web Dynpro application available in the SAP NetWeaver Application Server
Navigate to Web Address	Navigate to a specified web address

The following table shows the different categories for search providers that are displayed in the dropdown menu and the options for each of them:

Search Provider	Options
Favorites and Recent Items	Recently opened items and Favorites entries
My Work Area	Search results for ABAP transactions and Web Dynpro applications available in the SAP NetWeaver Application Server specific to the user's menu (PFCG role)
Desktop Search	Conduct a search with the search provider <i>Desktop Search</i> . In this category, you see search suggestions that are sorted and prioritized. To see all search results, choose <i>Search for 'ABC' in Desktop Search</i> . All search results are then displayed in a new window.
Transactions and Applications	Search results for ABAP transactions and Web Dynpro applications available in the SAP NetWeaver Application Server
Search for 'ABC' in	Conduct a search with a configured search provider (in general)

The figure below is an example of the dropdown menu of the quick launch:

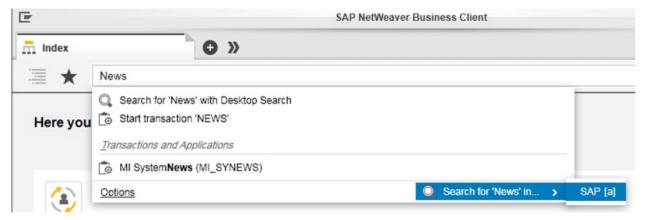


Figure 4: Example of a Search

i Note

Depending on your search term, not all search providers mentioned in the table above are displayed in the dropdown menu.

3.4.4 Direct Actions

Use

Direct actions are displayed at the top of the dropdown menu of the quick launch. The following actions are available:

- Search for 'ABC' with 'xyz'
- Start transaction 'ABC'
- Navigate to Web Address

Search for 'ABC' with 'xyz'

If the query starts with a mnemonic followed by a search term (separated by a blank), this action is displayed at the top in the dropdown menu as the default action.

Start Transaction 'ABC'

You have the following options:

- /n
 - Ends the current application, closes the tab, and opens a new tab, in which the new SAP GUI transaction is started
- /o
 - Opens the transaction in a new window
- /t
 - Opens the transaction in a new tab
- Insert transaction code without prefix

When you enter a transaction code without prefix, the system validates if the transaction exists in the user menu or in the back end.

- If the transaction exists, it appears as the first entry in the dropdown menu of the quick launch and you can directly start it from there.
- Until the system finds the transaction, the last used search appears as the first entry in the suggestion list and is selected when you press ENTER.

You can also start the transaction immediately without having it validated. In the personalization settings, select the *Start Transaction Without Validation Check* checkbox. When the user enters a transaction and then presses ENTER, the transaction opens in a new tab. The system does not validate if the transaction exists in the user menu or in the back end. By default, this personalization setting is deactivated.

You can stop a transaction by choosing *Stop Transaction* in the tab context menu.

If you enter a search term into the type-ahead field that contains blanks (for example, if you type in multiple words), this action is disabled.

Navigate to Web Address

If the query contains a period (.) or starts with a URL protocol, this action is displayed at the top in the dropdown menu as the default action.

Related Information

Personalization Settings [page 23]

3.4.5 Search Result Page

Use

Depending on whether you conduct a search with the Windows Desktop Search or an OpenSearch provider, the search result page opens in a new window or on a new tab. On the search result page you can see all the results of your search query.

The figure below is an example of a search result page that is displayed after conducting a search with an OpenSearch provider:

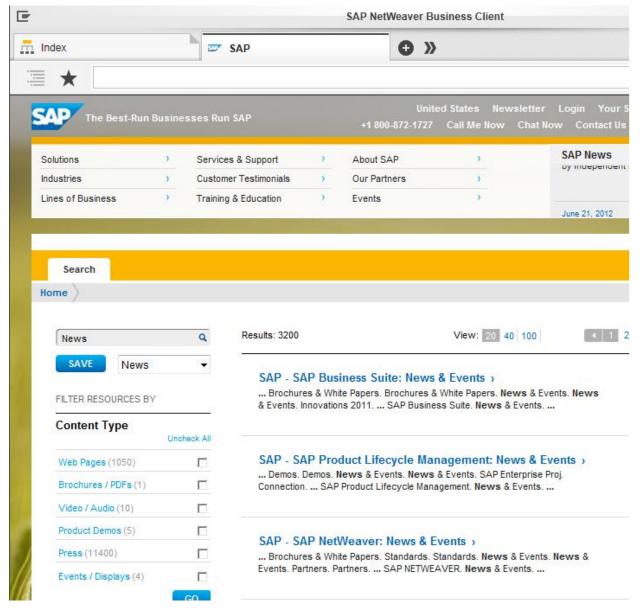


Figure 5: Example of a Search Result Page

3.4.6 How to Search Using Quick Launch

Use

To conduct a search using quick launch, follow the steps below.

Procedure

- 1. Type a search term into the type-ahead field.

 All matches in all roles are displayed in the dropdown menu of the quick launch.
- 2. To refine the search, select Search for 'xyz' in... in the dropdown menu of the quick launch.
- 3. The search is now conducted with the specified search provider.

i Note

If you enter the search term without specifying a search provider and press the Return key, the search is conducted with the search provider last used.

The search results are now listed on the search result page on a new tab or in a new window (see figure Example of a Search Result Page in Search Result Page).

3.5 SAP GUI Sessions

With NWBC 5.0, users can seamlessly open SAP GUI sessions.

New SAP GUI Sessions

After logging on to an SAP system, the SAP GUI start screen is displayed, for example SAP Easy Access. From the start screen you can open SAP GUI sessions.

New SAP GUI sessions are always opened in NWBC. To open a session, you have the following options:

- Enter /o in the quick launch. For more information, see section *Direct Actions*.
- Choose the **Create New Session pushbutton in the standard toolbar.
- Use dynamic links.
- Add a new tab.

By default, a session opens in a new tab. To change this behavior, select option *Open Session in New Window* under Settings Personalize in the menu ().

Related Information

Direct Actions [page 33]
Favorites [page 41]
New Tab Page [page 40]

3.6 Navigation

Use

As an end user, you navigate from your start page to a business application to perform your typical tasks. You have many different options to navigate the shell and content area and to find and launch applications. You can combine different navigation options according to your preferences. This includes overview pages, the quick launch, or the navigation panel and makes navigating within NWBC very flexible.

To perform your day-to-day tasks, you can work on multiple tabs in parallel. With tabbed browsing, you have several options to select a tab. For example, you can select a tab from the tab bar, the tab list, and from the taskbar. You can personalize the navigation structure relevant for your user by adding pages to the favorites or by pinning tabs. The pinned pages are available the next time this user logs on to the system.

You have the following options to find and launch applications:

- Navigation Panel
 For more information, see Navigation Panel.
- Overview Pages
 For more information, see Overview Pages.
- Quick Launch
 For more information, see Quick Launch.
- Favorites
 For more information, see Favorites.
- Taskbar For more information, see *Taskbar*.

3.6.1 Concepts

Use

This is an overview of the new and changed elements of the user interface with respect to the tabbed browsing navigation concept.

3.6.1.1 Navigation Panel

Use

You can navigate from the navigation panel. This panel is displayed by the side of the content area for each tab and gives access to the navigation tree specific to the user's roles. It serves to structure a large number of navigation targets. In addition to the navigation structure exposed in the content area using the *Index* page, the navigation panel is used for detailed navigation. It is displayed by the side of the content area for each tab.

The navigation panel is contextual to the content and also displays the link collections related to the current page. When you select an entry in the tree, the detailed navigation levels, for example, for a specific work center, are displayed both in the navigation panel and in the content area. The lower section of the detailed navigation, for example *Create*, contains a collection of typical tasks for a specific work center. Click any of these entries to start the task. Clicking an entry in the lower-left section opens a new window.

More Information

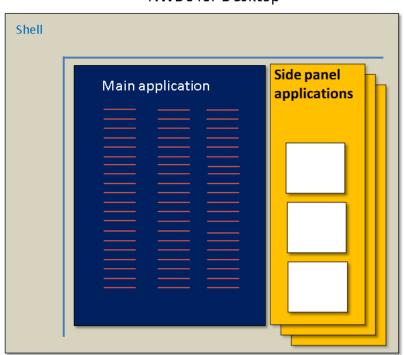
Navigating from the Navigation Panel

3.6.1.2 Side Panel

The overall structure of the screen areas of NWBC for Desktop consists of the shell, the content area with the main application, and the side panel application.

You can use the side panel to display additional context-sensitive information related to the main application in a separate screen area (a container by the side of the content area of NWBC). The role definition determines which side panel application is shown for a certain application.

The screen areas of NWBC for Desktop described above are depicted in the following figure:



NWBC for Desktop

You can open and close the side panel by choosing —. This menu option shows which side panel applications are available and which side panel application is currently displayed.

The following types of side panel applications are available:

• Side panel applications defined by the administrator

Side panel applications that are defined for your roles are content-sensitive. Therefore, only for the specific transaction a side panel application is available.

Side panel applications defined by the end user

You can also configure side panel applications yourself. The side panel applications that you have configured in NWBC are the same for all applications in your roles.

i Note

You can configure side panel applications yourself only if the administrator has set the parameter ShowSidePanelMenu in the admin configuration file to True.

You can switch between multiple side panel applications by choosing .

If you choose \mathcal{Q} , the side panel applications are informed about changes in the application. Usually, this happens automatically, except in special cases, for example when selecting table lines in SAP List Viewer (ALV) tables.

If you choose \nearrow , the side panel application does not react to changes within the current main application. It is frozen and remains unchanged even if other main applications are started that do not have this side panel application assigned.

3.6.1.3 Overview Pages

Use

These pages serve as the central point of entry for users from where they can navigate to their most relevant navigation targets specific to their roles.

The following types of overview pages are available:

Index Page

This page displays the entire navigation structure for this user in a hierarchical form. The *Index* page is displayed as the initial tab when a user logs on to a system for the first time. It is pinned to the tab bar by default. Users can unpin and close it if they want to see a different page as their home page.

New Tab Page

The user can add *New Tab* pages that display their most useful navigation options. Each *New Tab* page the user opens displays the last opened and most frequently used navigation targets specific to the user's roles. From here, the user can access the *Index* page.

Service Map

This page displays the navigation targets of a work center or folder down to the third level. This allows the user to get a good overview of the business process represented by the folder (configured in PFCG).

More Information

Index Page

New Tab Page

3.6.1.3.1 Index Page

Use

This page displays the entire navigation structure for this user in a hierarchical form. The *Index* page is displayed as the initial tab when a user logs on to a system for the first time. It is pinned to the tab bar by default. It is possible to unpin but users can unpin and close it if they want to see a different page as their home page.

The *Index* page provides an overview of the business content and tasks specific to a user's roles. On the entry level this content is organized in work centers. A work center comprises the navigation options to the applications this user needs to perform his or her typical tasks.

In case the navigation structure is more complex and spans several navigation levels (up to three levels), the content for this work center can be organized in folders. This introduces an additional level of navigation.

When a user starts to navigate inside a work center on the folder level, the navigation targets of this folder are exposed in a new column to the side of this folder, indicated by an $\$. This way, users can navigate several levels of navigation entries for each work center like in an explorer. When the user selects an entry for an application or transaction, which appears as a link, the content opens in a new tab.

i Note

Users can choose the option to display their *Easy Access Favorites* as a work center on the *Index* page in their personalization settings.

3.6.1.3.2 **New Tab Page**

Use

On this page users get an overview of their most useful navigation targets. This page shows each time the user adds a tab. From here users can access the *Index* page from a hyperlink, open their frequently used and last opened content, and open the work centers relevant to their typical tasks.

Users can make a tab permanently available by pinning it to the tab bar, for example, if they want to use it in a way like their home page. This pinned tab is available the next time the user logs on to the system.

Users can rearrange tabs or drag them into separate windows by using drag and drop or the tab context menu.

i Note

The context menu depends on the function of the tab.

3.6.1.4 **Favorites**

Use

Your Favorites allow you to start an application or a transaction without having to select them in the navigation tree. You can also open Web pages from your Favorites list. You can add applications, transactions, and Web pages that you use frequently to your Favorites. This list is displayed in the Favorites panel by the side of the

content area when you choose the pushbutton in the toolbar. You can use this panel to organize, add, display, rename, and delete your Favorites.

Features

The Favorites panel is divided into sections and displays the following types of Favorites:

Local Favorites:

Applications or transaction codes saved by the user as Favorites Web pages

i Note

Transactions and applications are system-dependent. The Favorites list can therefore vary depending on your system connection. Web links are independent from systems and are therefore kept in the list also when you switch systems.

Optional: Easy Access Favorites (read-only) defined by the user in the SAP Easy Access menu in the SAP GUI back end

i Note

This option is only relevant for NWBC for Desktop. You must select the Easy Access Favorites in Favorites Menu option under Settings Personalize This merges them with your local Favorites in the Favorites panel, but they are displayed in a separate section at the bottom of the list in and they are displayed readonly mode. You cannot edit or delete them in the Favorites panel, but only in the SAP GUI back end.

Activities

You have the following options in the Favorites panel:

Add to Favorites: To add a screen that is currently displayed in the content area to the Favorites list, go to the Favorites panel and choose the 75 pushbutton at the top of the Favorites panel. You can add Favorites to folders that you can order hierarchically.



Caution

Folders created on the same hierarchy level must have unique names.

By using your cursor you can choose where to add the Favorites item to the list.

- Place your cursor on a node. Your new item is added above this node.
- Open, Edit, Delete: You can display a favorite in a new tab or window. You can rename or delete an entry in your Favorites list. To open a favorite, edit, or delete it, right-click it in your Favorites list and select the appropriate option from the context menu.

For more information about personalization options, see *Personalization*.

3.6.1.5 Taskbar

Use

NWBC implements a tab-based navigation model (tabbed browsing) and provides support for tab previews in the taskbar for a better overview of all tabs that are currently open. You can easily switch between tabs by selecting a

tab from the tab bar, from the tab list, or in the taskbar. If you have several tabs open, the displays a stacked symbol and a tab preview is displayed for any open tab.

The Show Tab Previews in Taskbar option is activated by default. You can deselect it in your personalization settings by choosing Settings Personalize... In the Personalize dialog, deselect the Show Tab Previews in Taskbar checkbox. The NWBC taskbar button is now displayed in a normal state (not as a stacked symbol). When you hover over it, you see only one preview for the whole window.

Features

You can use the tab preview in the taskbar to select, close, and preview tabs as follows:

- You can select a tab directly from the taskbar.
- You can view a quick preview of the tabs that are currently open without navigating away from your active tab.
- You can pin tabs to make them available when you restart NWBC and connect to the same system. If you have pinned more than one tab, a tab preview is displayed only for the first tab after starting NWBC. NWBC displays previews of the other pinned tabs only when you select these tabs.
 To pin a tab, right-click the tab title and choose the *Pin Tab* option.
- You can close any tab directly from the taskbar.
- You can use the NWBC jump list to quickly access important applications, recently used items, or some special functions of the current application process.
 For more information, see Jump List.

3.6.1.6 Jump List

Use

You can use the NWBC jump list to quickly access important applications, a list of your recently used navigation items, or some special functions of the current application process. To open the NWBC jump list, restart NWBC and log on to a system. The jump list, which looks like a context menu, is displayed when you right-click the NWBC taskbar icon. While NWBC is running, the jump list is also shown in the start menu.

Features

The NWBC jump list consists of the following sections:

- Frequent
 - You can quickly open your recently used items, which are the same as in New Tab page.
- Tasks
 - Open New Window
 Select this option to open a tab in a new window.
 - Open New Tab
 Select this option to open a tab in the last used shell window.

If more than one window is open, a navigation target you select from the jump list opens in the last used window.

• The items at the bottom of the jump list are basic entries provided by the operation system. They exist for every application with a taskbar icon.

3.6.1.7 Keyboard Shortcuts

You can display the shortcuts and hotkeys available for NWBC for Desktop by choosing Help Show Shortcuts 2.

The following shortcuts and hotkeys are relevant for NWBC for Desktop:

Shortcut / Hotkey	Action
CTRL + ALT + L	Focus on Quick Launch
CTRL + W	Close Tab
CTRL + T	New Tab
CTRL + Left	Move Left
CTRL + Right	Move Right

Shortcut / Hotkey	Action
F5	Refresh Content Area
	For Web content: refresh
	For SAP GUI transactions: as defined in the standard for function keys
CTRL + Shift + I	Favorites
CTRL + Shift + N	Navigation Panel
CTRL + Shift + P	Side Panel
CTRL + ALT + F11	Full Screen
F6 / SHIFT + F6	Focus on Next Area/ Focus on Previous Area
	For Web content: navigation between groups (that is, between menu, top level navigation, navigation panel, content area)
	For SAP GUI transactions: as defined in the standard for function keys
CTRL + ALT + M	Focus on Menu
ALT + 0	Focus on Tabs
ALT + 1	Focus on Navigation Panel
ALT + 2	Focus on Content Area
ALT + 3	Focus on Side Panel
CTRL + ALT + K	Show Shortcuts
CTRL + R	Refresh Side Panel
	The side panel applications are informed about changes in the application. This happens automatically, except in special cases, when selecting table lines in SAP List Viewer (ALV) tables, for example.
CTRL + D	Disconnect Side Panel
	The side panel application does not react to changes within the current application. It is frozen and it remains unchanged even

Shortcut / Hotkey	Action
	if other applications are started that do not have this side panel application assigned.
CTRL + Shift + D	Connect Side Panel The side panel applications are informed about changes in the application and react to them.

Administrators can change keyboard shortcuts using the admin configuration XML file to clearly distinguish them from custom ABAP transaction shortcuts.

3.6.2 Navigating Content

Use

This section provides examples of how you can navigate to a business application to do some tasks here.

More Information

Navigating from the Index Page

Navigating from the New Tab Page

Navigating from the Navigation Panel

3.6.2.1 Navigating from the Index Page

Context

Using the *Index* page you can find and launch applications.

Procedure

1. Start SAP NetWeaver Business Client and log on to a system.

NWBC opens and the *Index* page is displayed as the first tab.

i Note

The *Index* page is pinned to the tab bar by default. It can be unpinned and closed if the user wants to see a different page as the home page.

2. To start navigation from the *Index* page, click a work center.

The work center expands and shows the navigation entries on the first level for this work center.

- 3. Proceed as follows:
 - Click the *Overview Work Center* link to go to an overview of the content for this work center. It opens in a new tab from where you can start any navigation target for this work center.
 - To navigate to the content of a folder that is shown on the first level, click the > next to the folder name. A new column opens next to the folder name that shows the content of this folder.
 - To launch an application or a transaction, click its name.
 The content opens in a new tab where you can view and edit it.

3.6.2.2 Navigating from the New Tab Page

Context

You can add *New Tab* pages. From here you can quickly navigate to your most useful navigation targets and access the *Index* page.

Procedure

1. Start SAP NetWeaver Business Client and log on to a system.

NWBC opens and the *Index* page is displayed as the first tab.

The *Index* page is pinned to the tab bar by default. It can be unpinned and closed if the user wants to see a different page as the home page.

2. To add a New Tab page, choose the pushbutton in the tab bar.

This adds a tab to the tab bar that displays the New Tab page.

3. To navigate from the *New Tab* page, select a navigation target. You have the following options:

- Select an entry from the list of your work centers.
- Select an entry from the list of your frequently used navigation targets.
- Select an entry from the list of your last used navigation targets.
- Go to the *Index* page.

i Note

When you navigate on the *New Tab* page, the target opens within the main window (in-place). For example, if users select an entry from the list of their frequently used navigation targets or navigate to the *Index* page, the content is displayed in the content area of this tab in the same window by default.

- **4.** Optional: Add as many tabs as needed to perform your business tasks.
- 5. Optional: To view a list of all open tabs, choose the **y** pushbutton in the tab bar.

3.6.2.3 Navigating from the Navigation Panel

Context

Use the navigation panel for detailed navigation in the navigation tree relevant for your role.

Procedure

- 1. Start SAP NetWeaver Business Client and log on to a system.
 - NWBC opens and an overview page is displayed as the first tab.
- 2. Launch an application or a transaction.
 - The content opens in a new tab.
- 3. Navigate to an application or a transaction.
 - The content opens in a new tab where you can view and edit it.
- 4. To display the navigation panel, choose the pushbutton in the toolbar at the top of the screen.

3.7 **Logging Off**

Activities

When you have finished working with NWBC, log off by choosing X in the corner at the top of the screen or by choosing Window Close All and Log Off 1.

All sessions are terminated, and all active windows and applications are closed in NWBC.



A Caution

Be careful to distinguish between authentication (which allows the browser to interact with the server) and a logoff sequence (which terminates all sessions on the server). Depending on the authentication method that is used within the browser, it is possible to log off from the server and consequently have all sessions terminated while having the authentication information available within the browser (for example, when using browsersupported basic authentication or when using digital certificates). For example, if digital certificates are used and the browser interacts with the server again, a new session is automatically started. Therefore, we highly recommend that you close the browser window after logoff.

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