



HP Unified Functional Testing 11.50 Product Availability Matrix				
Layer	Product / Standard	Version	Support Information	
Operating System	Windows	2000.00	No	
		XP SP3 (32-bit)	Yes	
		XP SP2 (64-bit)	Yes	
		2003 SP2 (32-bit)	Yes	
		2003 SP2 (64-bit)	Yes	
		2003 R2 (32 & 64 bit)	Yes	
		Vista SP2 (32-bit)	Yes	
		Vista SP2 (64-bit)	Yes	
		Server 2008 SP2 (32 & 64 bit)	Yes	
		Server 2008 R2 SP1 (64-bit)	Yes	
		Windows 7 SP1 (32-bit)	Yes	
		Windows 7 SP1 (64-bit)	Yes	
Virtualization	VMware	Workstation 5.5	Yes	
		Workstation 6	Yes	
		ESX 3.5	Yes ²	
		ESX 4.0	Yes	
		ESXi 4.1	Yes	
		ESX 5.0	Yes	
	Virtual PC	VMM 2008	2004.00	Yes ²
			2007.00	Yes ²
	Citrix Meta frame presentation server		4.50	Yes
			5.00	Yes ²
			6.00	Yes ²
Character Sets	European (ISO-Latin-1)		Yes	
			Yes	
			Yes	
			Yes	
			Yes	
	Unicode (UTF8/UTF16)		2.00	Yes
			2.10	Yes
			3.00	Yes
			4.00	Yes

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



HP Unified Functional Testing 11.50 Integration with HP Products			
Layer	Product / Standard	Version	Support Information
HP Products	HP Quality Center	9.00	No
		9.20	No
		10.00	Yes (from patch 27)
	HP Application Lifecycle Management	11.00	Yes (from SP3)
		11.50	Yes (ALM 11.51 Integration Enablement Pack)
	HP Business Process Testing	9.00	No
		9.20	No
		10.00	Yes
		11.00	Yes
		11.50	Yes (ALM 11.51 Integration Enablement Pack)
	HP ALM Sprinter	11.50, patch 18	Yes
	HP LoadRunner	8.10	No
		9.00	No
		9.10	No
		9.50	No
		11.00	No
		11.50	No
		11.50, patch 1	Yes
	HP Service Test	9.5.x	Can live together
		10.00	No
11.x		No	
HP Functional Testing Concurrent License Server	10.00	No	
	11.00	Yes	
HP Business Process Monitor	9.20	No	

HP Unified Functional Testing 11.50 Concurrent License Server			
Layer	Product / Standard	Version	Support Information
Operating System	Windows	2000.00	Yes
		XP (32bit)	Yes
		XP (64bit)	Yes
		2003 (32bit)	Yes
		2003 (64bit)	Yes
		2003 R2 (32 & 64 Bit)	Yes
		Vista (32Bit)	Yes
		Vista (64bit)	Yes
		Windows 7 (32Bit)	Yes
		Windows 7 (64bit)	Yes
		Server 2008	Yes
		Server 2008 R2	Yes
		Virtualization	VMware
5.50			
6.00	No		
ESX 3.0.1			
Virtual PC	ESX 3.5		No
	2004.00		
Citrix Meta frame presentation server	2007.00		No
	4.00		No
		4.50	No

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



HP Unified Functional Testing 11.50 GUI Testing Technologies				
Layer	Product / Standard	Version	Support Information	
ActiveX Controls	Apex True DataBound Grid	5.00	Yes	
	Apex True OLE DB Grid	6.00	Yes	
	Apex True OLE DB Grid	6.00	Yes	
	Component One VSFlexGrid Pro	7.x	No	
	DevExpress Quantum Grid	4.x	No	
	FarPoint Spreadsheet		2.50	Yes
			3.00	Yes
			3.50	Yes
			6.00	Yes
			8.00	Yes
	FarPoint Spreadsheet (OLEDB)		3.00	Yes
			3.50	Yes
			6.00	Yes
			7.00	Yes
			7.0 (UNICODE)	Yes
	Microsoft DataBound Grid		5.00	Yes
			6.00	Yes
			1.00	Yes
			2.00	Yes
			3.10	Yes
6.x			Yes	
3.00			No	
3.00			No	
Microsoft Date & Time Picker Control			6 (SP4)	Yes
Microsoft MonthView Control			6.0 (SP4)	Yes
Windows Controls	Microsoft Viewlink/HTC		Yes	
Other Presentation Technologies	Visual Basic	5.00	Yes	
		6.00	Yes	
Microsoft Viewlink/HTC	DevExpress ASPxGrid	1.2.0.1	Yes	
Multimedia	Microsoft Windows MediaPlayer controls	6.00	No	
		7.00	No	
		8.00	No	
		9.00	No	
	RealPlayer Controls	6.x	No	
	Adobe (Macromedia) Flash Player	All Versions	No	
Microsoft	Excel (Not For Automation)	2000.00	No	
		XP(2002)	No	
		2003.00	Yes	
		2007.00	Yes (not XLSX)	
		2010.00	Yes (not XLSX)	
	Word	2000.00	No	
		XP(2002)	No	
		2003.00	Yes	
		2007.00	Yes	
		2010.00	Yes	
	Query	2000.00	No	
		XP(2002)	Yes	
		2003.00	Yes	
		2007.00	Yes	

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing Web Add-in			
Layer	Product / Standard	Version	Support Information
	Internet Explorer	7.00	Yes
		8.00	Yes
		9.00	Yes
	FireFox	3.60	Yes
		5.00	Yes
		6.00 - 15.00	Yes
	Chrome	12-22	Yes
Browser Technologies	HTML	2.00	Yes
		3.20	Yes
		4.00	Yes
	XML	1.00	Yes
Toolkits	Dojo	1.2.3	Yes
		1.50	Yes
	GWT	1.5.3	Yes
		2.4	Yes
		3.0.30512	Yes
	ASP.net Ajax	3.5.30729.1	Yes
	YUI	2.7.0	Yes
JQueryUI	1.8.16	Yes	
Exensibility Application	Exensibility Accelerator	2.00	Yes
Exensibility Accelerator for HP Functional Testing	Internet Explorer	IE7	Yes
		IE8	Yes
		IE9	Yes
		IE10	No
	Firefox	FF 3.0 - FF 3.5.5	Yes
		FF 3.6 +	No

UFT GUI Testing Delphi Add-in ¹			
Layer	Product / Standard	Version	Support Information
Delphi		2007.00	Yes
		2009.00	Yes
		2010.00	Yes
	Delphi IDE versions	XE	Yes
		Win32 VCL library	Yes
		CLX	No
InfoPower Controls	TwwDBEdit		Yes
	TwwDBSpinEdit	InfoPower Studio 2007	Yes
	TwwDBRichEdit	InfoPower Studio 2009	Yes
	TwwDBGrid	InfoPower Studio 2010	Yes

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing Java Add-in			
Layer	Product / Standard	Version	Support Information
	Sun JDK	1.4.0_x	No
		1.4.1_x	No
		1.4.2_x	No
		1.5 (aka Java 5.0 Update)	Yes
		1.6.0	Yes
		1.7	Yes
	Sun Java Web Start	1.4.x	No
		1.5.x	Yes
		1.6.x	Yes
	IBM	1.4.0_x	No
		1.4.1_x	No
		1.4.2_x	Yes
		1.5 update x	Yes
	Microsoft Internet Explorer JVM	3158.00	No
		3810.00	No
	Oracle Jinitiator (see oracle Add-In)	Any version	Yes
BEA JRockit	Any version	No	
	Sun AWT (Abstract Window Toolkit)	1.4.0	No
		1.4.1	No
		1.4.2	No
		1.5	Yes
		1.6	Yes
		1.7.0	Yes
	JFC (Swing)	1.0.x	No
		1.1 (Swing from JDK >1.2)	Yes
	SWT Standard Widget Toolkit	3.1.2	Yes
		3.2	Yes
		3.3	Yes
		3.4	Yes
		3.5	Yes
		3.6	Yes
	KL Group, aka Sitraka, aka Quest	3.7	Yes
		3.x	Yes (Field, BWT, & Table Objects)
		4.5 (LiveTable)	No
	Sitraka LiveTable	5.0 (LiveTable)	No
		6.0 (LiveTable)	Yes
		4.5	Yes
5.00		Yes	
6.00		Yes	
UFT Java Add-in Extensibility	Eclipse	3.1.2	No
		3.2	No
		3.3	Yes
		3.4	Yes
		3.5	Yes
		3.6	Yes
		3.7	Yes

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing .NET Add-in			
Layer	Product / Standard	Version	Support Information
Microsoft .NET Framework	Microsoft .NET Framework	1.00	No
		1.10	No
		2.00	Yes
		3.00	Yes
		3.5 SP1	Yes
		4.00	Yes
Extensibility API		1.1 (SP1+)	Yes
		2.00	Yes
		3.00	Yes
		3.50	Yes
		4.00	Yes
Microsoft .Net Controls	Windows Forms	All	Yes
	Web Forms	All	Yes
Third Party .Net Controls	ComponentOne TrueDB for .Net	1.2x	Yes
		1.3x	Yes
		2.00	Yes
	ComponentOne FlexGrid for .Net	1.1x	Yes
		2.00	Yes
		2.50	Yes
	DevExpress XtraGrid	1.50	Yes
		2.00	Yes
	Farpoint	Any	Yes
	Infragistics UltraWinGrid	2.0x	Yes
3.2.X		Yes	
Third Party .Net Web Controls	Infragistics UltraWebGrid	1.00	Yes
		2.00	Yes
		3.10	Yes
	DevExpress ASPxGrid	1.2.0.1	Yes
UFT .Net Add-in Extensibility	Visual Studio	2003.00	Yes
		2005.00	Yes
		2008.00	Yes
		2010.00	Yes

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing Oracle Add-in			
Layer	Product / Standard	Version	Support Information
	Internet Explorer	6.00	Yes
		7.00	Yes
		8.00	Yes
		9.00	Yes
Java Runtime Engines	Oracle Jinitiator ¹	1.1.7	No
		1.1.8.x	Yes
		1.3.1.x	Yes
	Sun Plug-In ¹	1.4	No
		1.5	Yes
		1.6	Yes
	Sun AWT (Abstract Window Toolkit)	1.4.1.x	No
		1.5.x - 1.6.x	Yes (with Java Add-in)
JFC (Swing)	1.4 - 1.6	Yes (with Java Add-in)	
Development Tool	Oracle Forms (Java)	4.5	No
		5.00	No
		6i	Yes
		9i	Yes
		10g (releases 1 and 2)	Yes
		11g	Yes
Oracle Applications	E-business Suite	11.5.7	Yes
		11.5.8	No
		11.5.9	Yes
		11.5.10	Yes
		12.00	Yes
		12.1	Yes
12.1.1	Yes		

UFT GUI Testing PeopleSoft Add-in			
Layer	Product / Standard	Version	Support Information
PeopleSoft	PeopleTools	8.40 - 8.43	Yes
		8.46 - 8.50	Yes
	Client Modules	8.00	Yes
		8.30	Yes
		8.40	Yes
		8.80	Yes
		8.90	Yes
		9.00	Yes

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing Power Builder Add-in			
Layer	Product / Standard	Version	Support Information
Power Builder	PB Application	9.00	No
		10.00	No
		11.00	No
		11.50	Yes
		12.00	Yes
		12.50	Yes

UFT GUI Testing Add-in for SAP Solutions ¹			
Layer	Product / Standard	Version	Support Information
SAP	SAPGUI	6.20	Yes (client patch level 48)
		6.20 Unicode	Yes
		6.40	No
		6.40 Unicode	No
		7.10	No
		7.20	Yes
		7.30	Yes
		6.10	No
		6.20	Yes (patch level 12 or 13)
		6.20	Yes
	6.4.0	Yes	
	7.10	Yes	
	Web Client (Internet Transaction Server)	5.00	No
		6.0 SP3	Yes
		7.00	Yes
		7.30	No
	eCATT	CRM 4.0	Yes
		CRM 5.0	Yes
	Solution Manager	CRM 2007 ¹	Yes
		CRM 7.0	Yes
Portals	CRM 7.0	Yes	
	Business By Design (A1S)	No	

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing Siebel Add-in			
Layer	Product / Standard	Version	Support Information
Siebel	Standard Interactivity (SI)	7.0.3.x	No
		7.0.4.303	No
		7.0.4.305	Yes
		7.5.2.211	No
		7.5.2.214	Yes
		7.5.3	Yes
		7.7 ¹	Yes
		7.80	Yes
		8.00	Yes
	High Interactivity (HI)	7.0.3.x	No
		7.0.4.303	No
		7.0.4.305	Yes
		7.5.2.211	No
		7.5.2.214	Yes
		7.5.3	Yes
		7.70	Yes
		7.80	Yes
		8.00	Yes
8.1.1	Yes		

UFT GUI Testing Stingray Add-in			
Layer	Product / Standard	Version	Support Information
MFC	Stingray Objective Grid / Objective Toolkit version combinations	MFC 7.1	OG9.02-OT8.02 OG9.03-OT8.03
		MFC 8.0	OG10.0-OT9.0 OG11.0-OT10.0 OG12.0-OT11.0 OG12.0.1- OT11.0.1 OG12.0.4-OT11.0.4
		MFC 9.0	OG12.0-OT11.0 OG12.0.1- OT11.0.1 OG12.0.4-OT11.0.4
		MFC 10.0	OG12.0.4-OT11.0.4
		WinTreeView	
Stingray Controls	WinTab		Yes
	WinToolbar		Yes
	WinTable		Yes

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing Terminal Emulator Add-in			
Layer	Product / Standard	Version	Support Information
Terminal Emulators	Attachmate Extra	2000.00	No
		6.40	No
		6.50	No
		6.70	Yes
		7.00	Yes
		7.10	Yes
		8.00	Yes
		9.00	Yes
		9.10	Yes
		9.2	Yes
	Attachmate Extra Terminal Viewer	3.10	Yes
		Compatible with Extra 9	No
	Exceed		No
	Hummingbird HostExplorer	6.10	Yes (3270)
		6.20	Yes (3270)
		7.00	No
		7.1.1	No
		8.00	Yes (3270)
		9.00	Yes (3270)
		10.00	Yes
		2007 (12)	Yes
		13.00	Yes
		14.00	Yes
	IBM Client Access	3.20	Yes
		5.10	Yes
	IBM Personal Communications (PCOM)	4.10	No
		4.20	No
		5.00	Yes
		5.60	Yes
		5.70	Yes
		5.80	No
		5.90	Yes
		6.00	Yes
	IBM WebSphere Host on Demand	8.00	Yes
		9.00	No
		10.00	Yes
		11.00	Yes
	Jacada	Any	No
	Jolly Giant	Any	No
	Microfocus Rumba ¹	5.20	No
2000.00		No	
7.00		Yes	
7.1.1		Yes	
7.20		Yes	
7.50		Yes	
8.10		Yes	
8.20	Yes		

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



Terminal Emulators	Microfocus Web-to-Host ¹	5.00	Yes
		5.0 SP1	Yes
		5.30	Yes
		6.10	Yes
		6.20	Yes
	NetSoft Elite	3.11	No
		3.12	No
	Zephyr Passport PC TO HOST	2004.00	Yes
		2007.00	Yes
	Zephyr Passport WEB TO HOST	2004.00	Yes
		2007.00	Yes
	Seagull BlueZone	3.20	Yes (3270)
		4.00	Yes (3270)
		5.00	Yes(3270)
	WRQ Reflections	6.10	No
		6.20	No
		7.00	No
		8.00	Yes
		9.00	Yes
		10.00	Yes
		11.00	Yes
		12.00	Yes
		13.00	No
		14.00	Yes
	AttachmateWRQ Reflection for UNIX and OpenVMS	2007.00	Yes (SP1+)
		12.00	Yes (text only)
	AttachmateWRQ Reflection for UNIX and OpenVMS	14.00	Yes (text only)
14.00		Yes (text only)	
WRQ Reflections for the Web	Any	No	
Putty	Any	Yes	

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing VisualAge Add-in			
Layer	Product / Standard	Version	Support Information
VisualAge	VisualAge Smalltalk	4.2	Yes
		6.0	Yes
		7.5	Yes
		8.0	Yes
VAST Controls	EwIconArea	Any	Yes
	EwFlowedIconList	Any	Yes
	EwIconTree	Any	Yes
	EwIconList	Any	Yes
	EwTableList	Any	Yes
	EwTableTree	Any	Yes
	EwWINNotebook	Any	Yes
	EwPMNotebook	Any	Yes
	CwPushButton	Any	Yes
	CwRadioButton	Any	Yes
	CwCheckButton	Any	Yes
	EwSlider	Any	Yes
	CwText	Any	Yes
	EwBasePage	Any	Yes
	CwArrowButton	Any	Yes
	EwSpinButton	Any	Yes
	EwSplitBar	Any	Yes
CwScale	Any	Yes	
CwComboBox	Any	Yes	

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



UFT GUI Testing WPF Add-in			
Layer	Product / Standard	Version	Support Information
Windows Presentation Forms	Windows Presentation forms controls	3.0	Yes
	Windows Presentation forms controls	3.5	Yes
	Windows Presentation forms	4.0	Yes
Silverlight	Silverlight	2.00	Yes (excluding SLV Runtime)
	Silverlight	3.00	Yes (excluding SLV Runtime)
	Silverlight	4.00	Yes
	Silverlight	5.00	Yes
UFT WPF and Silverlight Add-in Extensibility	Visual Studio	2005.00	No
		2008.00	Yes
		2010.00	Yes

UFT GUI Testing Qt Add-in			
Layer	Product / Standard	Version	Support Information
Qt	Qt	4.60	Yes

UFT GUI Testing Flex Add-in			
Layer	Product / Standard	Version	Support Information
Flex	Flex SDK	4.5.x	Yes

UFT GUI Testing 64 Bit Application Supportability			
Layer	Product / Standard	Version	Support Information
Operating System	Windows 2008 R2		Yes
	Windows 7 64 Bit		Yes
Add-in	WPF		Yes (excluding XBAP applications)
	WPF Extensibility		Yes (excluding XBAP applications)
	Java		Yes (excluding java applets)
	Java Extensibility		Yes (excluding java applets)
	.NET		Yes (excluding Web Forms applications)
	.NET Extensibility		Yes (excluding Web Forms applications)
	Standard Windows		Yes
	Internet Explorer 64 Bit		8.00
		9.00	Yes (Excluding Silverlight)

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



HP Unified Functional Testing 11.50 API Testing Integrations & Technologies

HP Unified Functional Testing API Testing Integrations with other HP products

Layer	Product / Standard	Version	Support Information
HP Products	HP Performance Center	9.5x	No
		11.00	Yes
	HP Service Test Management	10.00	Yes - with ALM/QC STM client download from IE
		10.10	Yes - with ALM/QC STM client download from IE
		10.50	Yes
		11.x	Yes
	HP Service Virtualization	2.20	Yes

UFT API Testing Technologies

Layer	Product / Standard	Version/Type	Support Information
Web Services	WSDL	1.10	Yes
		2.00	No
	SOAP	1.10	Yes
		1.20	Yes
	Attachments	MIME	Yes
		DIME	Yes
	WS-I	1.00	No
		1.10	No
		1.20	No
		2.00	Yes
UDDI	2.x	No	
	3.x	Yes	
Security	Web Services Security tokens	X509	Yes
		UserName	Yes
		Kerberos	Yes
		Kerberos2	Yes
		SAML	Yes
	Web Services WCF Security	CustomBinding	Yes
		HTTPBinding	Yes
		Federation	Yes
	Web Services WS - Addressing	1.00	Yes
		04/08	Yes
04/03		Yes	
SSL	3.00	Yes	

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing



HTTP	HTTP	1.00	Yes
		1.10	Yes
Messaging Services	JMS - interfaces	1.0.2b	Yes
		1.10	Yes
	JMS - Servers	WebLogic Platform 8.1	Yes
		ActiveMQ 5.3.0	Yes
		Tibco 6.0	Yes
	IBM WebSphere MQ	6.00	No
		7.00	Yes
		7.10	No
7.50		No	
SAP	SAP .Net Connector	3.00	Yes
	ECC	6.00	Yes
		5.00	Yes
	Solution Manager	7.01	Yes
	R3	4.70	Yes
	SCM	7.00	Yes
	CRM	7.01	Yes
PI	7.30	Yes	
Java	JVM	JRE 7 Update 5	Yes
JSON	JSON		Yes
XML technologies	XML	1.00	Yes
		1.10	No
	XSD	1.00	Yes
		1.10	No
	XPath	1.00	Yes
		2.00	No
Microsoft	.Net	4.00	Yes
	Excel	2007.00	Yes
		2010.00	Yes

HP Unified Functional Testing 11.50 Business Process Testing

Please refer to the QC ALM 11.51 Product Availability Matrix for a list of supported clients

¹ More information about this item can be found in the Additional Information section.

² Not supported for API Testing

HP Unified Functional Testing 11.50 Product Availability Matrix Additional Information

Note: The information in the Unified Functional Testing Product Availability Matrix is up-to-date at the time of its release. Refer to the http://www.hp.com/go/uft_sysreq page for a link to the most updated version of this document.

This appendix provides supplemental information about the environments listed below.

- "Oracle Add-in" on page 1
- "Add-in for SAP Solutions" on page 1
- "Siebel Add-in" on page 2
- "Standard Windows Applications" on page 2
- "Terminal Emulator Add-in" on page 2

Oracle Add-in

The Oracle Forms and Oracle E-Business suite toolkits are supported only when working with Oracle JInitiator or Oracle Forms using the Sun Plug-in.

Add-in for SAP Solutions

- CRM 2007 is supported only for controls that support test mode enhancements. Requires SAP notes: 1147166, 1066565, and 1002944. Later SAP notes related to test mode enhancements are not supported.

- ▶ The SAP patch levels mentioned in the *HP Unified Functional Testing 11.50 Product Availability Matrix* are the minimum supported levels. Except where otherwise indicated, later patch levels may be supported. If you want to test your SAP application using a later patch, contact HP Software Support to ensure that the Unified Functional Testing Add-in for SAP Solutions is compatible with your patch version.

Siebel Add-in

Siebel 7.7.x and later is supported only when the Siebel Test Automation module is installed and enabled. For information on installing and configuring Siebel Test Automation, refer to the *Testing Siebel eBusiness Applications Guide*, provided with your Siebel installation.

Standard Windows Applications

Unified Functional Testing supports testing on applications based on Win32 and Win64 bit standard applications.

Terminal Emulator Add-in

- ▶ If you are working with Microfocus (formerly NetManage) RUMBA Web-to-Host:
 - ▶ Only mainframe display is supported for the Java client.
 - ▶ Only run sessions are supported for Java client and Pro client.
 - ▶ In Rumba Web-To-Host v6.x, the Java client does not support the HLLAPI. Therefore, the Rumba Web-to-Host v6.x Java client is not supported.
- ▶ If you are using a newer version of one of the emulators listed in the *HP Unified Functional Testing 11.50 Product Availability Matrix*, or your emulator version is different from one listed in a minor version number only, select the nearest preconfigured version in the Terminal Emulator Configuration Wizard. It is likely that the Unified Functional Testing Terminal Emulator Add-in will work successfully with your emulator.

The Unified Functional Testing Terminal Emulator Add-in can also be used with most other terminal emulators. You can define the exact configuration settings that you need using the Terminal Emulator Configuration Wizard.

For more information, see the *HP Unified Functional Testing Add-ins Guide*.