

Information Engineering Technology

# Install Guide - Web Client



Release 8.8.0

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# Web Client Install

## Pre-Requisites

### DevOps Suite Server

- IET DevOps Suite (GuardIEn) server installed
- All server platforms are supported – MVS, UNIX, Windows
- Communications to server using TCP/IP or MQ Series

### Application Server

- Either a JEE Application Server (JBoss, WebLogic, WebSphere, etc)
- or use supplied OSGi application server
- Java 1.8 or higher for the application server

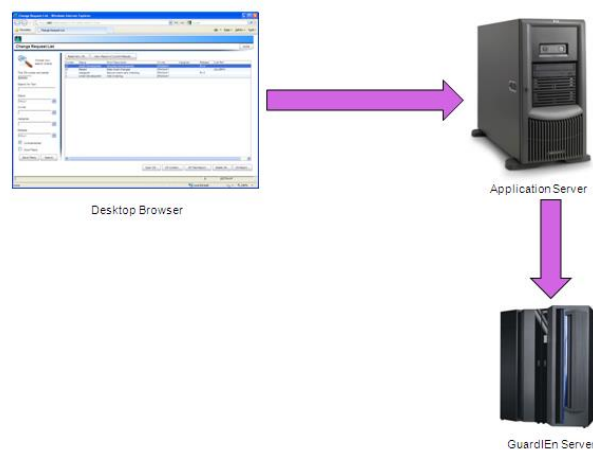
### User Workstation

- Browser with JavaScript enabled

## Web Client Architecture

The diagram below illustrates the various components.

- (1) The user accesses Web Client from a browser
- (2) The Web Client application is deployed onto an Application Server. This can be on a separate machine to the DevOps Suite server software.
- (3) The Web Client software accesses the data using the standard server software on the DevOps Suite (GuardIEn) server.



## Download Files

Download IETWEBxxx.exe (where xxx is the version required) from IET support centre: <https://support.iet.co.uk> into a directory where you want to temporarily store the software.

- Execute IETWEBxxx.EXE. This will extract the Web Client installation files to the chosen directory. You can also specify an alternative directory at this time. Due to changes in the supplied runtime jar files, each new release and service pack should be installed into a new directory rather than into an existing installation of the Web Client.

## Configure Communications

Before deploying, you must configure the commcfg.properties file to specify the host and port of the DevOps Suite server so that communications are successful.

- Edit the commcfg.properties file and replace <gdnserv> with the TCP/IP address, or host/dns name for the DevOps Suite server and also verify that the port is correct (DevOps Suite 8.8 servers normally use a default port of 50880 for Windows/UNIX). If you are not using TCP/IP, select an appropriate communications transport token. Note that Client Manager access is not supported. If you are using alternate communications protocols like MQ series, contact IET for further details.
- Execute update\_comms.bat to place the updated commcfg.properties file into the runtime files. At this stage you also specify the type of security buffer to use for the Gen communications runtime – None, Standard or Enhanced.

## Standalone OSGi server

If you wish to use the standalone OSGi server:

- Ensure that the Java Virtual machine (JVM) is in the PATH
- If you wish to change the default port from 80, edit the osgi\configuration\config.ini file and change both references to the port.
- Start the server by executing StartOSGi.bat
- If you wish to use HTTPS, contact IET for details on how to configure this.

## App Server

If you wish to use an application server:

- Deploy the GuardIEn.war file to your application server using standard application server mechanisms.

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# Web Client Execution

To access the Web Client, open your browser and enter the following URL:

OSGi Server: `http://<appserver>/logon` (or `http://<appserver>:<port>/logon` if you are not using port 80)

App Server: `http://<appserver>:<port>/<context>/logon`

Where:

<appserver> is the IP Address or DNS name for the application server

<port> is the Port that the application server is using.

<context> is the application server content path specified when deploying the application, for example "GuardIEn"