

## ePM Desktop Requirements

### Hardware

#### Minimum

- The equivalent of Intel Pentium D 3.4 GHz (or higher)
- 1 GB RAM
- Limited disk space is required for Proliance client operations.
- Screen resolution set to 1024 x 768.

#### Recommended

- The equivalent of Intel Core II Duo T7200, 2 GHz (or higher)
- 2 GB RAM
- Lots of free disk space for Windows and IE performance optimization.
- Screen resolution set to 1280x1024 or higher.

### Software

#### Client Operating Systems

- Windows 7
  - Windows 8
  - Windows 8.1\*
- \*Only supports IE 11

#### Microsoft Excel

- Microsoft Excel 2007
- Microsoft Excel 2010
- Microsoft Excel 2013

#### Microsoft Word

- Microsoft Word 2007
- Microsoft Word 2010
- Microsoft Word 2013

#### Microsoft Silverlight

- Microsoft Silverlight 5.0\*
- \*Silverlight 5 is required when using 64-bit Internet Explorer.

#### Oracle Java Client Component Requirements

Proliance uses a Java applet called Scheduling (scheduler.jar). This applet does not require access to any local client resources.

#### The Java applet requires the following component:

- Java 7 Runtime Environment (JRE)

#### Who Will Use This?

- ✓ General Contractor
- ✓ Construction Manager
- ✓ Architect/Engineer
- ✓ Project Manager
- ✓ Project Team Members
- ✓ Customers

- Java 8 Runtime Environment (JRE)

Proliance is designed to run with version 7 or 8 (or any version 7 or 8 sub version) of Java, which automatically downloads when required. It is recommended that you run Proliance on clients with the most recent Java 8 version; it can be downloaded and installed automatically or manually:

- Automatic installation: <http://java.com/> , and then click Free Java Download.
- Manual download and installation (offline and online installers):  
<http://java.com/en/download/manual.jsp>

The download occurs via HTTP (i.e., port 80 or 443 for SSL). The applets are signed with a certificate to prove their authenticity.

## Mobile Operating Systems and Browsers

### Operating System (OS)

- Apple iOS 7
- Apple iOS 8
- Blackberry 7
- Google Android 2.2
- Google Android 2.3
- Google Android 4.0
- Google Android 4.1
- Google Android 4.2
- Google Android 4.3
- Google Android 4.4 (up to 4.4.4)

## Client Bandwidth

The software vendor recommends that you use an Internet connection with a capacity of 1 Mbps or greater to access ePM. Certain activities on the client machine are dramatically affected by the network speed between the client and the server.

## Internet Explorer Settings

Pop-up blockers and trusted site security in Internet Explorer interfere with the normal functioning of many software products, including Proliance. The changes outlined below do not compromise your computer's security in any way.

**To add Proliance to the trusted sites zone in Internet Explorer**

1. In Internet Explorer, click Tools > Internet Options.  
The Internet Options dialog box displays.
2. Click the Security tab.
3. On the Security tab in the Select a zone to view or change security settings section, select Trusted Sites and then click Sites.  
The Trusted Sites dialog box displays.
4. Under Add this Web site to the zone, type your Proliance URL or, for Proliance On Demand, type <https://www.prolianceondemand.com/>.  
For Proliance On Demand or other Proliance URLs with an https:// prefix, select the Require server verification (https:) for all sites in this zone check box.
5. Click Add.
6. Click OK and then OK again to close the Internet Options dialog box.

**To enable Proliance features in Internet Explorer**

1. In Internet Explorer, click Tools > Internet Options.  
The Internet Options dialog box displays.
2. Click the Security tab.
3. On the Security tab in the Select a zone to view or change security settings section, select Trusted Sites and then click Custom level....  
The Security Settings - Trusted Sites Zone dialog box displays.
4. Under Downloads, select Enable for the following settings:
  - a. Automatic prompting for file downloads
  - b. File download
5. Under Miscellaneous, select Enable for the following setting:
  - a. Allow script-initiated windows without size or position constraint
6. Under ActiveX controls and plug-ins, select Enable for the following settings:
  - a. Run ActiveX controls and plug-ins
  - b. Only allow approved domains to use ActiveX without prompt
7. Click OK and then OK again to close the Internet Options dialog box.

**To turn off Internet Explorer's pop-up blocker**

1. Open Internet Explorer.

2. Choose Tools > Pop-up Blocker > Turn Off Pop-up Blocker

## Install Silverlight

The Proliance Workflow Diagram Viewer requires that Microsoft Silverlight is installed on your local computer. You can install Microsoft Silverlight from the following location:

<http://www.microsoft.com/getsilverlight/get-started/install/default.aspx>

When working with a Proliance system that uses Secure Sockets Layers (SSL), you may receive a security warning dialog when installing Silverlight for the first time:



Click No to start downloading Silverlight. Otherwise, the Silverlight installation process will fail.

## Microsoft Word and Excel Requirements for CPLs

As a result of a United States court ruling that prohibits Microsoft from selling versions of Word that include custom XML capabilities, newer versions of Microsoft Word no longer include the ability to create or edit Proliance Custom Print Layout (CPL) documents.

Versions of Microsoft Word affected:

- Versions distributed and purchased after January 10, 2010.
- OEM versions included on new computers distributed and purchased after January 10, 2010.
- MS Office Word 2007 that has been updated with the January 2010 Update - <http://support.microsoft.com/kb/97463>



To create Proliance Custom Print Layouts (CPLs), you must have the following installed on your computer:

- Microsoft Word 2007 Standard or Professional - ensure that it is not updated with the January 2010 update.

### Support for Word 2007 XML Viewer

Proliance CPLs created using Microsoft Word 2007 Professional can be viewed using Microsoft Office Word 2007 Viewer ([www.microsoft.com](http://www.microsoft.com)). This viewer ( available as a free download from Microsoft) allows users who do not have Microsoft Word 2007 to view Word-based XML documents such as CPLs without the expense of acquiring a full Microsoft Word 2007 license.

## Office Business Applications (OBAs)

Proliance Office Business Apps (OBAs) are solutions that further integrate Microsoft Office applications and Proliance. Using Proliance OBAs, users are able to access, input, and modify Proliance documents using familiar interfaces such as Microsoft Word and Microsoft Excel.

### Office Compatibility

Major revisions of OBAs support Microsoft Office version 2010. For example, 5.x OBAs currently support Office 2010. Previously, we have tried to maintain some compatibility between the Office versions, but it is not always feasible.

### Windows Compatibility

OBAs are compatible with all recent versions of Windows that support the .NET framework.

## Ports

Some Proliance features require particular communication ports to be open on firewalls within your Proliance infrastructure. Refer to the following list of Proliance components for their port requirements.

- Brava: Open Port Required 443
- Proliance: Open Port Required 80/443
- Proliance Analytics: Open Port Required 443

If your organization policy limits network access to specific hostnames or IP addresses, contact Trimble Support Services for the most appropriate workaround method for your company's requirements.

