

# ePM Quick Reference Guide #53

## ePM Desktop Requirements

### WHAT ARE EPM DESKTOP REQUIREMENTS?

The following sections show all of the hardware and software requirements that are needed in order to effectively utilize ePM.

### WHO WILL USE THIS?

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

### 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

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### 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)
- 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 \(offline and online installers\)](#)

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.

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### 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

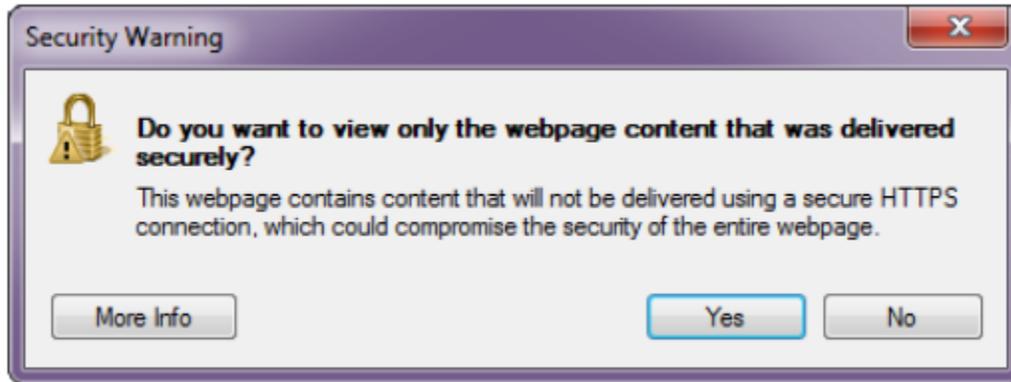
The Proliance Workflow Diagram Viewer requires that Microsoft Silverlight is installed on your local computer. You can install Microsoft Silverlight from Microsoft's [website](#).

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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.

### 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.