

# SmartPlant License Manager Installation & Configuration Checklist Windows 7

**Software Version: SPLM 2012 (v12)**

Unless otherwise specified, the topics listed in the **Additional Resources** column can be found in the *SmartPlant License Manager User and Installation Guide*.

## Set up SPLM License Machine

Install the licensing machine software on a stable, single node, hardware configuration (such as a simple PC), with a static IP address, because license key installation and license seat usage authentication depends on the information gathered from the physical hardware. Any automated, intentional or unintentional changes that cause the hardware information not to match with the information used to generate the license key results in a failure of the authentication process. Virtual, shadowed, mirrored, dynamic, or distributed hardware configurations will not work with SPLM licensing machine, including terminal (application) servers, networked and distributed storage management systems, and so forth.

When these specialized systems occur in the user's network, install SPLM License Machine on a separate stable hardware configuration system. The SPLM License Machine system should be situated on the user's network where it can be accessed by all systems that are running application software that relies on the SPLM License Machine for license management. Multiple SPLM License Machines can be used in the users' network as long as each system is a unique system/installation. If SPLM License Machine systems are used to clone other hardware systems after the license key has been installed, the license management will fail on the cloned system. Each SPLM License Machine system/installation requires its own unique license key.

Steps	Step Description	Comments	Additional Resources	TR / CR
		NOTE: All these tasks require an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12), Choose License Machine option.	<p><b>Upgrade Notes:</b>            If you have SPLM 2012 (v11) installed on your license machine, You can upgrade directly to SPLM 2012 (v12), you must generate a new Machine ID and install a new SPLM 2012 (v12) license key for your licensing machine after the upgrade.</p> <p>If you have SPLM 2008 (v10) or older version installed on your license machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12)</p>	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	Control Panel > Windows Firewall > Exceptions > Add Programs > Browse > c:\win32app\lgr\splm\bin (default location) > Open. Skipping this step may cause Scavenging issue.	Configuring Windows Firewall	
3	Generate a Machine ID.	Do not generate Machine ID again before you install your license key. It will invalidate the machine ID you sent to us if you do so.	Requesting a License Key for the License Machine	
4	Send the Machine ID to Intergraph at PPMSErv@Intergraph.com or your regional office and request a license key.	You can also generate a license key using eLicense.	Requesting a License Key for the License Machine	
5	Install the license key.		Requesting a License Key for the License Machine	
6	Make sure SPLM Service is running	Right-click on Computer > Manage > Services > SPLM  <b>Note:</b> SPLM service must be running on license machine. If SPLM is not in running, you can start it by opening SPLM > Install and Remove > Install and Start Licensing Service.		

Set up SPLM Client Machine				
Steps	Step Description	Comments	Additional Resources	TR / CR
		NOTE: All these tasks require an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12), Choose Client option.	<p><b>Upgrade Notes:</b> If you have SPLM 2012 (v11) installed on your client machine, You can upgrade directly to SPLM 2012 (v12).</p> <p>If you have SPLM 2008 (v10) or older version installed on your client machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12).</p>	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	<p>Control Panel &gt; Windows Firewall &gt; Exceptions &gt; Add Programs &gt; Browse &gt; c:\win32app\lmg\splm\bin (default location) &gt; Open.</p> <p>Skipping this step may cause Scavenging issue.</p>	Configuring Windows Firewall	
3	Select a License Machine.	<p><b>Note:</b> If your login belongs to local administrator group on your client machine, right-click and Start SPLM with "Run as Administrator" option, then select a license server. Otherwise, you would get access denied error.</p>	Select License Machine for Client	
4	Make sure SPLM Service is running			

# SmartPlant License Manager

## Installation & Configuration Checklist

### Windows Server 2008

**Software Version: SPLM 2012 (v12)**

Unless otherwise specified, the topics listed in the **Additional Resources** column can be found in the *SmartPlant License Manager User and Installation Guide*.

## Set up SPLM License Machine

Install licensing machine software on a stable, single node, hardware configuration (such as a simple PC), with a static IP address, because license key installation and license seat usage authentication depends on the information gathered from the physical hardware. Any automated, intentional or unintentional changes that cause the hardware information not to match with the information used to generate the license key results in a failure of the authentication process. Virtual, shadowed, mirrored, dynamic, or distributed hardware configurations will not work with SPLM licensing machine, including terminal (application) servers, networked and distributed storage management systems, etc.

When these specialized systems occur in the user's network, install SPLM License Machine on a separate stable hardware configuration system. The SPLM License Machine system should be situated on the user's network where it can be accessed by all systems that are running application software that relies on the SPLM License Machine for license management. Multiple SPLM License Machines can be used in the users' network as long as each system is a unique system/installation. If SPLM License Machine systems are used to clone other hardware systems after the license key has been installed then the license management will fail on the cloned system. Each SPLM License Machine system/installation requires its own unique license key.

Steps	Step Description	Comments	Additional Resources	TR / CR
		All these tasks requires an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12), Choose License Machine option.	<p><b>Upgrade Notes:</b>            If you have SPLM 2012 (v11) installed on your license machine, You can upgrade directly to SPLM 2012 (v12), you must generate a new Machine ID and install a new SPLM 2012 (v12) license key for your licensing machine after the upgrade.</p> <p>If you have SPLM 2008 (v10) or older version installed on your license machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12) .</p>	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	<p>Control Panel &gt; Windows Firewall &gt; Exceptions &gt; Add Programs &gt; Browse &gt; c:\win32app\ingr\splm\bin (default location) &gt; Open.</p> <p>Skipping this step may cause Scavenging issue.</p>	Configuring Windows Firewall	
3	Generate a Machine ID.	Do not generate Machine ID again before you install your license key. It will invalidate the machine ID you sent to us if you do so.	Requesting a License Key for the License Machine	
4	Send the Machine ID to Intergraph at PPMSEV@Intergraph.com or your regional office and request a license key.	You can also generate a license key using eLicense.	Requesting a License Key for the License Machine	
5	Install the license key.		Requesting a License Key for the License Machine	
6	Make sure SPLM Service is running	<p>Right-click on Computer &gt; Manage &gt; Services &gt; SPLM</p> <p>Note: SPLM service must be running on license machine. If SPLM is not in running, you can start it by opening SPLM &gt; Install and Remove &gt; Install and Start Licensing Service.</p>		

## Set up SPLM Client Machine

Steps	Step Description	Comments	Additional Resources	TR / CR
		All these tasks requires an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12), Choose Client option.	<p><b>Upgrade Notes:</b>  <b>If you have SPLM 2012 (v11) installed on your client machine, You can upgrade directly to SPLM 2012 (v12).</b></p> <p><b>If you have SPLM 2008 (v10) or older version installed on your client machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12) .</b></p>	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	<p>Control Panel &gt; Windows Firewall &gt; Exceptions &gt; Add Programs &gt; Browse &gt; c:\win32app\ingr\splm\bin (default location) &gt; Open.</p> <p>Skipping this step may cause Scavenging issue.</p>	Configuring Windows Firewall	
3	Select a License Machine.	<p><b>Note:</b>            If your login belongs to local administrator group on your client machine, right-click and Start SPLM with "Run as Administrator" option, then select a license server. Otherwise, you would get access denied error.</p>	Select License Machine for Client	
4	Make sure SPLM Service is running			

# SmartPlant License Manager Installation & Configuration Checklist Windows Server 2003

**Software Version: SPLM 2012 (v12)**

Unless otherwise specified, the topics listed in the **Additional Resources** column can be found in the *SmartPlant License Manager User and Installation Guide*.

## Set up SPLM License Machine

Install licensing machine software on a stable, single node, hardware configuration (such as a simple PC), with a static IP address, because license key installation and license seat usage authentication depends on the information gathered from the physical hardware. Any automated, intentional or unintentional changes that cause the hardware information not to match with the information used to generate the license key results in a failure of the authentication process. Virtual, shadowed, mirrored, dynamic, or distributed hardware configurations will not work with SPLM licensing machine, including terminal (application) servers, networked and distributed storage management systems, etc.

When these specialized systems occur in the user's network, install SPLM License Machine on a separate stable hardware configuration system. The SPLM License Machine system should be situated on the user's network where it can be accessed by all systems that are running application software that relies on the SPLM License Machine for license management. Multiple SPLM License Machines can be used in the users' network as long as each system is a unique system/installation. If SPLM License Machine systems are used to clone other hardware systems after the license key has been installed then the license management will fail on the cloned system. Each SPLM License Machine system/installation requires its own unique license key.

Steps	Step Description	Comments	Additional Resources	TR / CR
		All these tasks requires an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12), Choose License Machine option.	<p><b>Upgrade Notes:</b>            If you have SPLM 2012 (v11) installed on your license machine, You can upgrade directly to SPLM 2012 (v12), you must generate a new Machine ID and install a new SPLM 2012 (v12) license key for your licensing machine after the upgrade.</p> <p>If you have SPLM 2008 (v10) or older version installed on your license machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12) .</p>	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	<p>Control Panel &gt; Windows Firewall &gt; Exceptions &gt; Add Programs &gt; Browse &gt; c:\win32app\ing\splm\bin (default location) &gt; Open.</p> <p>Skipping this step may cause Scavenging issue.</p>	Configuring Windows Firewall	
3	Generate a Machine ID.	Do not generate Machine ID again before you install your license key. It will invalidate the machine ID you sent to us if you do so.	Requesting a License Key for the License Machine	
4	Send the Machine ID to Intergraph at PPMSEV@Intergraph.com or your regional office and request a license key.	You can also generate a license key using eLicense.	Requesting a License Key for the License Machine	
5	Install the license key.		Requesting a License Key for the License Machine	
6	Make sure SPLM Service is running	<p>Right-click on Computer &gt; Manage &gt; Services &gt; SPLM</p> <p>Note: SPLM service must be running on license machine. If SPLM is not in running, you can start it by opening SPLM &gt; Install and Remove &gt; Install and Start Licensing Service.</p>		

## Set up SPLM Client Machine

Steps	Step Description	Comments	Additional Resources	TR / CR
		All these tasks requires an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12), Choose Client option.	<b>Upgrade Notes:</b> If you have SPLM 2012 (v11) installed on your client machine, You can upgrade directly to SPLM 2012 (v12).  If you have SPLM 2008 (v10) or older version installed on your client machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12) .	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	Control Panel > Windows Firewall > Exceptions > Add Programs > Browse > c:\win32app\ingr\splm\bin (default location) > Open.  Skipping this step may cause Scavenging issue.	Configuring Windows Firewall	
3	Select a License Machine.		Select License Machine for Client	
4	Make sure SPLM Service is running			

## SmartPlant License Manager Installation & Configuration Checklist Windows XP

Software Version: SPLM 2012 (v12)

Unless otherwise specified, the topics listed in the **Additional Resources** column can be found in the *SmartPlant License Manager User and Installation Guide*.

### Setting up SPLM License Machine

Install licensing machine software on a stable, single node, hardware configuration (such as a simple PC), with a static IP address, because license key installation and license seat usage authentication depends on the information gathered from the physical hardware. Any automated, intentional or unintentional changes that cause the hardware information not to match with the information used to generate the license key results in a failure of the authentication process. Virtual, shadowed, mirrored, dynamic, or distributed hardware configurations will not work with SPLM licensing machine, including terminal (application) servers, networked and distributed storage management systems, etc.

When these specialized systems occur in the user's network, install SPLM License Machine on a separate stable hardware configuration system. The SPLM License Machine system should be situated on the user's network where it can be accessed by all systems that are running application software that relies on the SPLM License Machine for license management. Multiple SPLM License Machines can be used in the users' network as long as each system is a unique system/installation. If SPLM License Machine systems are used to clone other hardware systems after the license key has been installed then the license management will fail on the cloned system. Each SPLM License Machine system/installation requires its own unique license key.

Steps	Step Description	Comments	Additional Resources	TR / CR
		All these tasks requires an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12). Choose License Machine option.	<p><b>Upgrade Notes:</b> If you have SPLM 2012 (v11) installed on your license machine, You can upgrade directly to SPLM 2012 (v12), you must generate a new Machine ID and install a new SPLM 2012 (v12) license key for your licensing machine after the upgrade.</p> <p>If you have SPLM 2008 (v10) or older version installed on your license machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12) .</p>	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	Control Panel > Windows Firewall > Exceptions > Add Programs > Browse > c:\win32app\lgs\sp\lmbin (default location) > Open.  Skipping this step may cause Scavenging issue.	Configuring Windows Firewall	
3	Generate a Machine ID.	Do not generate Machine ID again before you install your license key. It will invalidate the machine ID you sent to us if you do so.	Requesting a License Key for the License Machine	
4	Send the Machine ID to Intergraph at PPMSErv@Intergraph.com or your regional office and request a license key.	You can also generate a license key using eLicense.	Requesting a License Key for the License Machine	
5	Install the license key.		Requesting a License Key for the License Machine	
6	Make sure SPLM Service is running	Right-click on Computer > Manage > Services > SPLM  Note: SPLM service must be running on license machine. If SPLM is not in running, you can start it by opening SPLM > Install and Remove > Install and Start Licensing Service.		

### Setting up SPLM Client Machine

Steps	Step Description	Comments	Additional Resources	TR / CR
		All these tasks requires an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12). Choose Client option.	<p><b>Upgrade Notes:</b> If you have SPLM 2012 (v11) installed on your client machine, You can upgrade directly to SPLM 2012 (v12).</p> <p>If you have SPLM 2008 (v10) or older version installed on your client machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12) .</p>	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	Control Panel > Windows Firewall > Exceptions > Add Programs > Browse > c:\win32app\lgs\sp\lmbin (default location) > Open.  Skipping this step may cause Scavenging issue.	Configuring Windows Firewall	

## SmartPlant License Manager Installation & Configuration Checklist Windows XP

Software Version: SPLM 2012 (v12)

Unless otherwise specified, the topics listed in the **Additional Resources** column can be found in the *SmartPlant License Manager User and Installation Guide*.

### Setting up SPLM License Machine

Install licensing machine software on a stable, single node, hardware configuration (such as a simple PC), with a static IP address, because license key installation and license seat usage authentication depends on the information gathered from the physical hardware. Any automated, intentional or unintentional changes that cause the hardware information not to match with the information used to generate the license key results in a failure of the authentication process. Virtual, shadowed, mirrored, dynamic, or distributed hardware configurations will not work with SPLM licensing machine, including terminal (application) servers, networked and distributed storage management systems, etc.

When these specialized systems occur in the user's network, install SPLM License Machine on a separate stable hardware configuration system. The SPLM License Machine system should be situated on the user's network where it can be accessed by all systems that are running application software that relies on the SPLM License Machine for license management. Multiple SPLM License Machines can be used in the users' network as long as each system is a unique system/installation. If SPLM License Machine systems are used to clone other hardware systems after the license key has been installed then the license management will fail on the cloned system. Each SPLM License Machine system/installation requires its own unique license key.

Steps	Step Description	Comments	Additional Resources	TR / CR
3	Select a License Machine.		Select License Machine for Client	
4	Make sure SPLM Service is running			

## SmartPlant License Manager on Laptop Installation & Configuration Checklist (Windows 7 or XP)

**Software Version: SPLM 2012 (v12)**

Unless otherwise specified, the topics listed in the **Additional Resources** column can be found in the *SmartPlant License Manager User and Installation Guide*.

Configure SPLM on a Laptop				
	Step Description	Comments	Additional Resources	TR / CR
		All these tasks requires an account with administrator privilege.		
1	Install SmartPlant License Manager 2012 (v12) on laptop. Choose License Machine option.	<p><b>Upgrade Notes:</b>            If you have SPLM 2012 (v11) installed on your license machine, You can upgrade directly to SPLM 2012 (v12), you must generate a new Machine ID and install a new SPLM 2012 (v12) license key for your licensing machine after the upgrade.</p> <p>If you have SPLM 2008 (v10) or older version installed on your license machine, You must uninstall existing SPLM version before you can install SPLM 2012 (v12).</p>	Installing Software from the Web	
2	Add pdlice.exe in the Windows Firewall Exception List.	Control Panel > Windows Firewall > Exceptions > Add Programs > Browse > c:\win32app\lmg\splm\bin (default location) > Open.  Skipping this step may cause Scavenging issue.	Configuring Windows Firewall	
3	Install Microsoft Loopback Adapter and define a fixed IP address.		Installing SmartPlant License Manager on a Standalone System	
4	Generate the Machine ID.	You must disable all your network connections except the loopback adapter before generating the Machine ID. You can enable your network adapters after you get your machine ID generated.	Requesting a License Key for the License Machine	
5	Send the Machine ID to Intergraph at PPMSERV@Intergraph.com or your regional office and request a license key.	Do not generate Machine ID again before you install your license key. It will invalidate the machine ID you sent to us if you do so.	Requesting a License Key for the License Machine	
6	Install the license key.		Installing a License Key on the License Machine	
7	Select a License Machine: you can select your laptop as your license machine		Selecting a License Server for a Client	
8	Make sure SPLM Service is running	Right-click on Computer > Manage > Services > SPLM  Note: In order to successfully run Scavenge on license machine, SPLM service needs to be running on client machines. If SPLM is not in running, you can start it by opening SPLM > Install and Remove > Install and Start Licensing Service.		