# How to Install Specific Components of OnGuard on a Separate Server/Machine (Communication Server focused)

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## Symptom

An individual component (or multiple) needs to be located elsewhere besides the application server for various reasons.

For example, if the Communication Server is hosting hundreds of panels and is highly utilized, then performance may deteriorate. Therefore, creating another Communication Server would split the load.

Also, this process could be used for troubleshooting. For example, if a Communication Server is having issues, then creating another one could help isolate the issue. If the new one works, then the old one may have some issues specific to its environment. If the new one does not work, then there may be an OnGuard related issue requiring further investigation.

### Resolution

- 1. Acquire additional resources to host the individual component.
  - a. This could be a separate PC, VM, etc
  - b. Preferably a resource that is on the same internal network for more efficient configuration and application server connectivity/communication
- 2. Download the ISO file for the corresponding OnGuard version to the new host. These can be acquired from the LeneIS2 Connect Downloads (https://connect.leneIs2.com/s/downloads) or from the Release folders of the corresponding OnGuard version.
- 3. Mount the ISO.
- 4. Run **setup.exe** like a normal OnGuard installation. Later in this process, we will elect NOT to install the entirety of OnGuard. We will choose to install only one component for a Custom OnGuard installation.
- 5. Install prerequisites by clicking Install (if prompted).





7. Select "Standard" for the Preferred OnGuard System Type or Select "Enterprise" if it is an Enterprise system



8. Select "Server System" (depending on what components are required to install)

B OnGuard 7.5 ENTERPRIS	E
@ An£uard*	Select the system configuration to install.
	Server System Client System
Co Balter Technologies	Monitoring Client Badging and Credential Client

- a. This selection will change what components you are able to install. For example, if you select Client here, then the Communication Server will not be available for installation.
- b. The components available for a Server selection versus a Client selection can be found in the OnGuard <Version> Fundamentals document. These can be found on https://connect.lenels2.com/s/.

stalled Components	Server	Client			
OnGuard 8.1 Program Menu			Installed Components	Server	Clien
Alarm Monitoring	×	×	Services and Support Tools		
Area Access Manager	1	~	Bulk User Tool	1	1
ID Credential Center	×	×	Communication Server	×	
ID Credential Center (View Only)	×	~	Configuration Editor	1	1
System Administration	×	~	Database Setup	1	
System Management Console	×	~	Database Translation Utility	×	
Video Viewer	×	×	Global Output Server	1	
Visitor Management	×	~	Import	1	
Web Modules	×		License Server	×	
Documentation	*	✓	Linkage Server	1	1
			Login Driver	1	
System Tools			Open Access	1	
Badge Designer	~	~	PTZ Tour Server	1	*
Forms Designer	*	~	Setup Assistant	1	1
License Administration	~	~	Site Publication Server	1	
Map Designer	~	~	Universal Time Conversion Utility	×	
Replication Administration	~		Video Archive Server	1	
Replicator	*				
Security Utility	1	✓			

9. Select "Custom Server" and the appropriate database configuration for the system.



10. Provide DNS name (short name) of License Server location.

Supply where p	ieces of this syster	n are to be located.		
Choose the lo Inst	cation where you w all OnGuard 7.5 EN Program Files (x86)	would like to install to TERPRISE to: I\OnGuard\		Change
Provide the lo	cation of your Lice uctor2	Port: 8189		Browse
Provide the lo	ecation of your data PC1	abase		Browse
Provide the o	latabase login user		?	]

- a. If the new component is installed on the same internal network, then utilizing short name should be discoverable. Otherwise, additional network configurations might be required if the component is hosted elsewhere.
- b. Defaults to local machine name.
- c. Port 8189 is the default port.
- 11. Provide DNS name (short name) of Database location.

Change
Browse
Browse

- a. The same network configuration recommendation mentioned for the License Server applies here as well.
- b. Make sure you are using the correct database login and provide it here. Default is LENEL.
- 12. Uncheck all the components that do NOT need to be installed.

DnGuard 7.5 ENTERPRISE	<b></b>
Custom Setup Select the program features you want installed.	© OnGuard®
Click on an icon in the list below to change how a feature Standard Applications Alarm Monitoring Area Access Manager BadgeDesigner Device Discovery Console Device Discovery Service FormsDesigner ID CredentialCenter MapDesigner System Administration Visitor Management VideoViewer Server Applications	e is installed. Feature Description Allows the discovery and maintenance of devices in a network (local subnet) or system. Note that this component includes the install of WinPCap. Please review your IT Security Policies before installing this component.
InstallShield <a>Rroduct version: 7.5.375.0</a>	Next > Cancel

- 13. Finish the install. You do not need to run Set-up Assistant after and can close out of it.
- 14. Go back to the application server and open **System Administration > Access Control > Access** Panels
- 15. Find the panel(s) that you want to place on the newly created Communication Server
- 16. Change the Workstation in the Location sub-tab of the panel(s) to the DNS name (short name) of the machine hosting the new Communication Server
- 17. It is recommended to mark the panel offline and then online again after changing this setting. Otherwise, the new configuration of the Workstation might not be applied.

Jesk Acc	ess Panel		] Online			
Location	Primary Connection	Secondary Connection	Options	Diagnostics	Web Page Users	N
Worksta	tion:	-	Addre	ess:		
8FLST0	13	Browse	0			
Panel ty	pe:		_			
LNL-22	20		r			
World tir	ne zone:					
(GMT-0	5:00) Eastern Time (U	S & Canada)		$\sim$		
	aht savinas					
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18. Go back to the host of the newly created Communication Server and make sure the service is running.

### Applies To

OnGuard (All Versions)

### Additional Information

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