EnterPlant

Admin Manual

Setup User Guide



Third Publishing



1.0 Install Program

1.1 Extract Program from zip file into C:



1.2 Start menu -> in search bar, type "system variables" and enter





1.3 Select Advanced Tab and Environment Variables...

	S	system Pro	operties	
Computer Name	Hardware	Advanced	System Protection	Remote
You must be lo	gged on as a	an Administra	tor to make most of	these chang
Performance				
Visual effects	, processor s	scheduling, m	emory usage, and	virtual memory
				Settings
User Profiles				
Desktop setti	ngs related to	o your sign-in		
			া	Cattingen
				Settings
Startup and F	lecovery			
System startu	p, system fai	lure, and deb	ugging information	
				Settings
			Environn	nent Variable
		10	2 5	

1.4 Select New... under System variables area

ser variables for An	nona		
Variable	Value		
TEMD			
TMP	%USERPROFILE% AppData (Local (Temp %USERPROFILE% (AppData (Local (Temp		
	New Edit Delete		
ystem variables Variable	Value	^	
ystem variables Variable	Value	^	
variables Variable ComSpec configsetroot DisplayLinkConfi easvplussdk	Value C:\WINDOWS\system32\cmd.exe C:\WINDOWS\ConfigSetRoot C:\Program Files\DisplayLink Core Softw "C:\Program Files (X86)\Common Files\	^	
ystem variables Variable ComSpec configsetroot DisplayLinkConfi easyplussdk	Value C:\WINDOWS\system32\cmd.exe C:\WINDOWS\ConfigSetRoot C:\Program Files\DisplayLink Core Softw "C:\Program Files (x86)\Common Files\ New Edit Delete	~	

1.5 Input **PLANTPRG** into Variable name:

Input Program Location into Variable value: and Select OK

ł	Edit System Variable
Variable name: Variable value:	PLANTPRG C: \EnterPlant
	OK Cancel

1.6 Input **PLANTPRJ** into Variable name:

Input Project Location into Variable value: and Select OK

	Edit System Variable
Variable name:	PLANTPRJ
Variable value:	C:\EnterPlant\PROJECT
	OK Cancel

1.7 Input **PLANTLOC** into Variable name:

Input License File Location into Variable value: and Select OK

	Edit System Variable
Variable name:	PLANTLOC
Variable value:	C:\EnterPlant\License
	OK Cancel

1.8 Input **PLANTLIC** into Variable name:

Input License File Name with one space into Variable value: and Select OK

	Edit System Variable
Variable name: Variable value:	PLANTLIC
	OK Cancel

1.9 Input **PLANTHOS** into Variable name:

Input License Type: LOCAL into Variable value: and Select OK

	Edit System Variable
Variable name: Variable value:	PLANTHOS
	OK Cancel

1.10 Open File Explorer from Start Windows



1.11 Select EnterPlant Folder and Select Properties on Click Right Mouse

-	Ent	terPlant	19/1/25
		Open Open in new window Send to other devices with SHAREit	5
		Share with Include in library Pin to Start	•
		Cut Copy	
0 0		Create shortcut Delete Rename	5
4		Properties	

1.12 Select Security Tab

	ondring		COSCONNEC			
Object	name: (C:\EnterPla	int			
Group	or user nan	nes:				
82 AL	uthenticate	d Users				
S. S.	YSTEM					
A A	ministrator	s (Lenovo	-PC\Administra	ators)		
8 U:	sers (Leno	vo-PC\Use	ers)			
Talaha		niona olio	Eda		~	_
TO Cha	nge permis	sions, clici	K EUIL.		Edit	
Permiss Users	sions for Au	thenticate	d	Allow	Deny	
Full	control					^
Mod	ify			~		
Rea	d & execut	e		~		
List f	older conte	ents		~		
Rea	Ь			1		
Write	9			~		Υ.
For spe click A	cial permis dvanced.	sions or ac	lvanced settin	gs,	Advanced	

1.13 Select Users on Group or user names: and Select Edit...

Group or user names:		
Authenticated Users SYSTEM Administrators (Lenovo-PC\Administrators)	ninistrators)	
To change permissions, click Edit.		🚱 Edit
Permissions for Users	Allow	Deny
Full control		^
Modify		
Read & execute	~	
List folder contents	~	
Read	~	
Write		~
For special permissions or advanced click Advanced.	settings, A	dvanced

1.14 Select Permissions for Users **Full control** and **Modify** with **Allow** and Select **Apply**

Object name: C:\EnterPlant		
Group or user names:		
& Authenticated Users		
SYSTEM .		
& Administrators (Lenovo-P	C\Administrators)	
🚜 Users (Lenovo-PC\Users))	
	Add	Remove
Pemissions for Users	Add Allow	Remove Deny
Permissions for Users Full control	Add Allow	Remove Deny
Permissions for Users Full control Modify	Add Allow V	Remove Deny
Permissions for Users Full control Modify Read & execute	Add Allow V	Remove Deny
Pemissions for Users Full control Modify Read & execute List folder contents	Add Allow V V	Remove
Pemissions for Users Full control Modify Read & execute List folder contents Read	Add Allow V V V	Remove

1.15 Restart Machine or Log off and Log in Again

E	Desktop	
	Shut down or sign out	Restart
de	Run	Shut down
4	Search	Sleep
	File Explorer	Sign out

2.0 Request License

2.1 Open BricsCAD and Typing CUILOAD on Command Line



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Open

Cancel

2.2 Open Menu EnterPlant3D.cul within C:\EnterPlant\Menu and Select Load

	×
Unload]
Load Close	
୭▼	
ified Type	Size

EnterPlant3D.cui

CUI files (*.cui)

File name:

Files of type:

Customization Groups	×
Loaded Customization Groups	
BRICSCAD	Unload
Load Customization Group From File	
C:\EnterPlant\Menu\EnterPlant3D.cui	Load
	Close

2.3 Select **3D Modeling** Menu Toolbar Style



2.4 Select Request License from EnterPlant3D Toolbar Menu

Ente	erPlant3D	
	Set Project	
	Structure Setting	
	Equipment Setting	
	Piping Setting	
	Tray Setting	
	Draft Setting	
	Set Project-A	
	Structural	•
	Equipment	•
	Piping	•
	Tray	•
	Report	•
	Utililtes	•
	Drafts	•
	Admin	•
	Memo Snaps	
	Recall Snaps	
	Point On	
	Point Off	
	Reset Highlight	
	Request License	
	License Server Manager	
	View Host License	
	About EnterPlant	

P

2.5 Input Information and Select OK

Company Name :	Company Name	
Contact Name :	Contact Name	
Contact Email :	Contact@XXX.Com	
Choose Country :	Select 🗸	
	OK Cancel	
	BricsCAD	×
i License re	equest created in C:\EnterPlant\License\RequestLicense_LEN	VOVO-PC.tx
		OK

2.6 Send Request License file from C:\EnterPlant\License within EnterPlant Web License > Request

📕 🕞 🛄 = I	Lic	ense		_ 🗆 🗙
File Home Share V	liew			^ (
Copy Paste Copy Copy path	Move to v Copy to v Copy to v Copy to v Copy to v	New folder New	Properties • Open	Select all Select none Invert selection
(→ ↑) → This PC	> Windows8_OS (C:) → EnterPlant	▶ License	~ C	Search Lic 🔎
★ Favorites	Name	Date modified	Туре	Size
Desktop	RequestLicense_LENOVO-PC.	bxt 27/1/2559 10:0	0 Text Document	1 KB
Downloads v 1 item 1 item selected 268 byt	es			

https://www.enterplant.com

EnterPlant Innovation Plant Design Modeling





3.0 Install License

3.1 Copy license file received from EnterPlant into C:\EnterPlant\License

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File Home Share	View			^ 🕜
Copy Paste	t Move Copy to v to v	New item ▼ The sy access ▼ Folder	Properties	Select all Select none
Clipboard	Organize	New	Open	Select
🛞 🌛 🝷 🕇 퉬 🕨 This Po	C → Windows8_OS (C:) → EnterPlant	 License 	~ C	Search Lic 🔎
☆ Favorites	Name	Date modified	Туре	Size
Desktop	✓ ☐ License_LENOVO-PC.lic	2/1/2559 8:48	LIC File	1 KB
🗼 Downloads 🗸 🗸				
1 item 1 item selected 435 by	ytes			

3.2 Start menu -> in search bar, type "system variables and enter





3.3 Select Advanced Tab and Environment Variables...

omputer Name	Hardware	Advanced	System Protection	Remote
]	-,	
You must be lo	gged on as	an Administra	tor to make most of th	nese change
Performance				
Visual effects	processor s	chedulina m	emory usage and vir	tual memory
visual circots	, processor e	onedding, m	cincity deage, and vi	tool monory
				Settings
				ootango
User Profiles				
Desktop settir	nas related to	o vour sign-in		
Doontop ootti	igo roidiou i	o jour eight in		
				Settings
Startup and R	ecovery			
System startur	o, svstem fai	lure, and deb	ugging information	
				Settings
				-
			-	
			Environme	nt Variables.

3.4 Select **PLANTLIC** Variable within System variables Area and Select **Edit...**

Variable	Value	
TEMP	%USERPROFILE%\AppData\Local\Temp)
TMP	%USERPROFILE%\AppData\Local\Temp)
	New Edit Del	ete
ystem variables	New Edit Del	ete
ystem variables Variable	New Edit Del	ete
ystem variables Variable PLANTLIC	New Edit Del	ete
ystem variables Variable PLANTLIC PLANTLOC	Value C:\EnterPlant\License	ete
ystem variables Variable <mark>PLANTLIC</mark> PLANTLOC PLANTPRG	Value C:\EnterPlant\License C:\EnterPlant	ete
ystem variables Variable PLANTLIC PLANTLOC PLANTPRG PLANTPRJ	New Edit Del Value C:\EnterPlant\License C:\EnterPlant C:\EnterPlant C:\EnterPlant\PROJECT	ete



3.5 Input License file name received from EnterPlant into Variable value and Select OK

	Edit System Variable
Variable name: Variable value:	PLANTLIC License_LENOVO-PC.lic
	OK Cancel

3.6 Restart Machine or Log off and Log in Again

de	File Explorer Search Run	Sign out Sleep Shut down
	Shut down or sign out	Restart
	Desktop	

4.0 Addition Tool Palettets

4.1 Open BricsCAD and Typing Options on Command Line



4.2 Select + Program options and + Files and + Tool palettes



4.3 Select ... on Tool palettes path

+	Templates		
Ξ	Tool palettes		
	Tool Palettes bar state	[1] Tool Palettes bar is visible	
	Tool palettes path	::\Users\Annona\AppData\Roaming\Bricsys\BricsCAD\V17x64\en_US\Support\ToolPalettes\	
Ŧ	Dictionaries		
Ŧ	Log files		
+	File dialogs		

4.4 Select Add Folder

2	Folder List	×
Folders		
C:\Users\Annor	na\AppData\Roaming\Bricsys\BricsCAD\V17x64\en_US\Support\ToolPalettes\	Add Folder
	OK	Cancel

4.5 Select ... for add EnterPlant Palettes path and select C:\EnterPlant\Menu\Palettes and Select Folder

λ	Choose a folde	er			×
🛞 🏵 🔻 🕇 퉬 « Win	dows8_OS (C:) → EnterPlant → Menu → Palett	es ⊦ v Ċ	Search Palettes		Q
Organize 👻 New folder				•	0
▷ Downloads ▲ ▷ Music ▲ ▷ Pictures ↓ ▷ Videos ↓ ▷ Windows8_OS (C ↓ ▷ Windows8_OS (C ↓	Name	Date modified 7/6/2020 10:23 AM	Type File folder	Size	
Folder:	Palettes		Select Folder	Cancel	



4.6 Select OK

Folders Image: C:\Users\Annona\AppData\Roaming\Bricsys\BricsCAD\V17x64\en_US\Support\ToolPalettes\ C:\EnterPlant\Menu\Palettes	Folder List	×
C:\Users\Annona\AppData\Roaming\Bricsys\BricsCAD\V17x64\en_US\Support\ToolPalettes\ C:\EnterPlant\Menu\Palettes	Folders	
C:\EnterPlant\Menu\Palettes	C:\Users\Annona\AppData\Roaming\Bricsys\BricsCAD\V17x64\en_US\Support\ToolPalettes	
	C:\EnterPlant\Menu\Palettes	
OK Cancel	C	K Cancel

4.7 Typing **TOOLPALETTES** on Command Line



	Tool Pal	ettes	×
Coin Countersink	Dimple		^
EKO Big Diameter		Emboss with hole	
Emboss Rectangle	Extrusion	Half Shear	
Half Sbear Shaped	Linear Rib		~
Form Features	Command Tools	Hatches Draw	-





4.9 Right click mouse on Palettes: with Import

Palettes:		Palette G	iroups:
Comma Hatches	eatures nd Tools s	Pak	ette Groups
	New Palette		
	Import	<	>



4.10	Select EnterPlant Palettes BTC file from	C:\EnterPlant\Menu\Palettes and select Ope	en

λ		Import Pa	alette		×
Look in:	Palettes	~	G 🌶 🖻 🖽 -		
æ	Name	^	Date modified	Туре	Size
	퉬 Images		6/6/2564 11:55	File folder	
Recent places	PipingComp	.btc	6/6/2564 11:48	BTC File	137 KB
	PipingOther.	btc	6/6/2564 11:52	BTC File	121 KB
	TrayComp.b	tc	6/6/2564 11:56	BTC File	37 KB
Desktop					
Libraries					
ikaj This PC					
Network	File name:	PipingComp.btc		~	Open
	Files of type:	*xtp;*.btc		*	Cancel

Custo	omize ×
Tool Palettes - All Palettes	
Palettes:	Palette Groups:
 Form Features Command Tools Hatches Draw Piping Comp 	Palette Groups
Current Palette Group: None	< >
-	Close Help

4.11 Select Close



Setup User Guide

4.12 EnterPlant Palettes add in Tool Palettes





4.13 Addition Other EnterPlant Palettes





5.0 Addition Ribbon

5.1 Right click mouse on Icon Menu Area and select Ribbon



Setup User Guide

5.2 Select EnterPlant3D

Change I	Parametric	EnterPl	lant3D			
ts Settings	00 Tracking Mid points 2	ddle of Sr Points En	nap to	↓ � ≠ // ⊙ ⊡	メ 品 わ	⊾∦ × ∙
				Entity	Snap	os

×	Home	View Se	ettings	Tool	s Ins	ert Model	Draw	Cł	nange	Parametric	EnterPla	ant3D	
	♀ 🔆 🖀 🖨 🔳 0 2dWireframe		* *		۲ ۲		6		;;;=	R			유 Find Nozzle Model
			*	Set Project	Setting S	Select Current Structure Profile Model	Create	Modify	Setting	Select Current Equipment Model	Create	Modify	Update Equipment Position
	Too	ols		Setting 👻		Structural 👻					Equi	pment	



K Utilities	Update Position All	-79 £9 ₩ ≎ ₩ ⋭	2D -	•	<i>i</i> -
	Utilities 👻		Draft	Report	Admin

6.0 License Server Request

6.1 Start menu -> Run on Server

	Programs and Features	
	Power Options	
	Event Viewer	
	System	
	Device Manager	
	Network Connections	
	Disk Management	
	Computer Management	
	Command Prompt	
	Command Prompt (Admin)	
	Task Manager	
	Control Panel	
	File Explorer	
	Search	
	Run	
	Shut down or sign out	
	Desktop	

Typing CMD and Select OK



Typing IPCONFIG /ALL >C:\TEMP\IP.TXT and SET COMPUTERNAME >>C:\TEMP\IP.TXT on Command Prompt

Cox.	C:\WINDOWS\system32\cmd.exe	-	×	
C:\>IPCONFI	G ∕ALL >C:\TEMP\IP.TXT			^
C:\>SET COM	PUTERNAME >>C:\TEMP\IP.TXT			
C: \>				
				¥
<			>	

Send Detail below to support@enterplant.com

1) **IP.TXT** from <u>C:\TEMP</u>

2) Location of License File Ex. 1192.168.43.59 License

7.0 License Server for Server Setup

7.1 Copy license file received from EnterPlant into License Server Location

License Server Location Ex. \\192.168.43.59\License

License License File Ex. License_Server.lic

8.0 License Server for Client Setup

8.1 Select **PLANTLOC** Variable within System variables Area and Select **Edit...**

Input License Server Location Ex. \\192.168.43.59\License

E	dit System Variable	×
Variable name:	PLANTLOC	
Variable value:	\\192.168.43.59\License	
	OK Cancel]

8.2 Select **PLANTLIC** Variable within System variables Area and Select **Edit...**

Input License Server File Name Ex. License_Server.lic

Edit System Variable			
Variable name:	PLANTLIC]	
Variable value:	License_Server.lic		
	OK Cancel		

8.3 Select **PLANTHOS** Variable within System variables Area and Select **Edit...**

Input License Type: SERVER into Variable value: and Select OK

	Edit System Variable
Variable name: Variable value:	PLANTHOS SERVER
	OK Cancel

9.0 License Host Request

9.1 Select **Request License** for all users allow to access host server from **EnterPlant3D** Toolbar Menu



9.2 Input Information and Select OK

	Request License	^	
Company Name :	Company Name		
Contact Name : Contact Email : Choose Country :	Contact Name		
	Contact@XXX.Com		
	Select	~	





9.3 Send Request License file for all users allow to access host server from C:\EnterPlant\License to

EnterPlant Web License > Request

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File Home	Share	View							^ 🕐
Copy Paste	Cut Copy path Paste shortcut rd	Move Copy tov tov	Delete Rename	New folder	New item ▼ Easy access ▼ New	Properties	☐ Open ▼ Edit ★ History	Sel	ect all ect none rert selection Select
€ € • ↑	🍌 🕨 This PC	→ Windows8_0	S (C:) → EnterPlant	: ► License	2		~ (5 Sei	arch Lic 🔎
🔆 Favorites	^	Name	*		Date modified	Ту	pe	Siz	ze
Desktop		RequestLi	cense_LENOVO-PC	txt	27/1/2559 10:0)0 Te	d Document		1 KB
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https://www.enterplant.com

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Home Products Services Requirement What New Customers About Contact License Request Login Logout Setup Documents Tutorials Structural Equipment Piping	Your Name * Your Email * Message *
Liay. Documents	Request License * Choose File No file chosen Send y www.etterplant.com ©CopyRight 2019 EnterPlant
	V2022.01

10.0 License Host for Client Setup

10.1 Select PLANTLOC Variable within System variables Area and Select Edit...

Input License Host Location: https://www.enterplant.com

E	dit System Variable
Variable name:	PLANTLOC
Variable value:	https://www.enterplant.com
	OK Cancel

10.2 Select **PLANTLIC** Variable within System variables Area and Select **Edit...**

Input License Host File Name: Check with EnterPlant Support

	Edit System Variable
Variable name: Variable value:	PLANTLIC TRAINING.LIC
	OK Cancel

10.3 Select **PLANTHOS** Variable within System variables Area and Select **Edit...**

Input License Host Name: Check with EnterPlant Support

	Edit System Variable
Variable name: Variable value:	PLANTHOS TRAINING
	OK Cancel



11.0 License Host for Client Login and Logout

11.1 Goto https://www.enterplant.com and Select License > Login



11.2 Input All Data and select Login

Waiting... Login success! Please return license to server before leave from program.



11.3 Goto https://www.enterplant.com and Select License > Logout

EnterPlant Innovation Plant Design Modeling

Home Products Services Requirement What New Customers About Contact License Request Login Logout Setup Documents Structural Equipment Piping Tray Documents	Host Name * Machine Name * Machine ID *	ITAINING LENOVO-PC BFBFBFF000306A9-1096533468 Cogott Cogott Content INNOVATIVE CO., LTD. Head Office Hailand Support@enterplant.com	
	Powered by www.enterplant.com	©CopyRight 2019 EnterPlant	<u></u>

11.4 Input All Data and select Logout

Waiting... Logout success!

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11.5 Input Data Reference

Host Name: Check with EnterPlant Support

Machine Name: Check from Request License File

Machine ID: Check from Request License File

RequestLicense_LENOVO-PC.txt - Notepad] >	<
File Edit Format View Help			
Company Name : EnterPlant Co., Ltd. [Thai Contact Name : Support Contact Email : support@enterplant.com License Type : Temporary License Version : 2022.00 Issued Date : 20220101 Expired Date : 20220130 Machine Name : LENOVO-PC	land]]	~
Machine ID : BFEBFBFF000306A9-1096533468			
Machine Address : 000.000.000.000			
License Location : C:\EnterPlant\License			
License Number : 1			Υ.
<		>	