

ControlCenter

USER GUIDE

V1.00-14-07-2017

i

CONTENTS

1.	Intro	duction	1
1	.1.	Install ControlCenter	2
1	.2.	Work area	5
2.	Getti	ng start1	0
2	.1.	Link to Everlink	0
3.	Featu	ıre1	3
3	.1.	Local site1	3
3	.2.	Deploy1	5
4.	Utilit	y21	0
4	.1.	Deployment	0
4	.2.	Message 2	1
4	.3.	History	5

1.Introduction

ControlCenter is design for Everlink to achieve cloud service. It offers a path to transmit files, upgrade firmware and send message through Everlink to terminal.

• System requirements

To run the program, one of the windows operating system is required

- Windows XP
- Windows 7
- Windows 8
- Windows 10

 \times

1.1. Install ControlCenter

1. In the ControlCenter- InstallShield Wizard, click Next.

ControlCenter - InstallShield Wizard



2. Select "I accept the terms in the license agreement" and click Next.

🖁 ControlCenter - InstallShield Wizar	d		×
License Agreement			
Please read the following license agre	eement carefully.		
To add your own license text to this dial editor.	og, specify your licen	ise agreement file in	the Dialog
 Navigate to the User Interface v Select the LicenseAgreement di Choose to edit the dialog layout. Once in the Dialog editor, select the Set FileName to the name of your 	iew. alog. e Memo ScrollableTe license agreement R	ext control. TF file.	
After you build your release, your licens	e text will be displaye	ed in the License Ag	reement dialog.
 I accept the terms in the license agree 	ement		
O I do not accept the terms in the licens	e agreement		
nstallShield			
	< Back	Next >	Cancel

3. Enter User Name and (Company Name and click Next.
ControlCenter - InstallShield	Wizard ×
Customer Information	
Please enter your information.	
User Name:	
Argox	
Organization:	
Argox	
Install this application for:	
Anyone who us	es this computer (all users)
Only for me (Je	d)
InstallShield	
	< Back Next > Cancel
4. Click Next in Complete	e option.
🕼 ControlCenter - InstallShield	Wizard
Setup Type	4.
Choose the setup type that be	est suits your needs.
Please select a setup type.	
Complete	
All program fea	atures will be installed. (Requires the most disk
space.)	
0.5.1	
Custom	program features you want installed and where they
will be installed	d. Recommended for advanced users.
InstallShield	

5. Click "Install".



6. After installation is complete, click "Finish".

记 ControlCenter - InstallShi	eld Wizard	×
	InstallShield Wizard Completed	
	The InstallShield Wizard has successfully installed ControlCenter. Click Finish to exit the wizard.	
	< Back Finish Ca	incel

1.2. Work area

Run the ControlCenter program on your computer.

File View Help		Menu Bar	
		Toolba	ar
Argox Pri0-10000002 Pri0-12345678 Deployment Message History Function Tree	P110-10 P110-12	Properties Pane	
Date & Time		Site Device	
(1) General 2016-08-09 11:09:3	statı	us Pane	Open server port complete
Ready			NUM

- Menu Bar It includes basic program menus.
- **Toolbar** Toolbar offers a shortcut for communication functions.
- Function tree ControlCenter function tree.
- **Properties Pane** Display ControlCenter function properties.
- **Status Pane** Display information about Site and Device.

Menu Bar

Menu Bar lets you control basic functions in ControlCenter.

File	View	Help	

File

Exit: Close ControlCenter.

View

Allow all device: Display all device or not Toolbar: Display Toolbar or not.

File	View	Help
	Exit	

View	v Help
~	Allow all device
~	Toolbar

Help

Help	
	About ControlCenter

Tool Bar

Toolbar include most of the communication function.





Start connections to Everlink.



Stop connections to Everlink.



Setup server communication port



Deploy setting



Deploy file

Setting pane Setting pane

- ① Argox : "Local name" from Everlink and device status behind.
- ② Deployment : After "Deploy setting" finished, Package (server to site) and upgrade (site to device) will display to know deployment progress.
- ③ Message: Enable to send or receive message from Everlink or Device.
- ④ **History:** Offering search and save function from status pane.

			Stati	us pane	,	
(1)	2	3	(4)	5	6	$\overline{(7)}$
	Туре	Date & Time	IP	Site	Device	Description
٩	General	2013-11-04 13:51:52	127.0.0.1			127.0.0.1 Connect start
٩	General	2013-11-04 13:51:55	127.0.0.1	Argox		127.0.0.1 Connect complete
٩	General	2013-11-04 13:51:55	127.0.0.2			127.0.0.2 Connect start
٩	General	2013-11-04 13:51:56	127.0.0.2	Argo×2		127.0.0.2 Connect complete
٩	Deployment	2013-11-04 13:52:02	127.0.0.1	Argox		Argox Deployment start
٢	Deployment	2013-11-04 13:52:03	127.0.0.1	Argox		Argox Deployment complete
				-		

(1) Image Level : Errors ($^{(2)}$), Warnings($^{(\Delta)}$) or Informations ($^{(1)}$)

② **Type:** Classified information.

③ **Date & Time :** Information prompt time.

④ IP: Site IP address.

(5) Site: Display local name from Everlink. Non specific Site will display "--"

(6) **Device :** Display model-SN from Device to ControlCenter. Non specific device will display "--".

⑦ **Description :** Display detail information.

2.Getting start

2.1. Setting Service ID to PI Series

Set a unique Service ID in device to manage and control PI Series.



nter Tool

PT FileManage

2. Use USB or RS-232 to connect device and PC. Select the port and change Service ID number and project name as you wish and click connect.

£03

Port :	COM1 👻	6
Baud rate:	COM1 COM2 PI-1030-70165768	Connect
-Service ID		
Service ID:	00000000	l.
Project name:	Argox	Setup

2.2. Start Communication

		Start communication
1.	Click " Comm s ID.	setting" in toolbar. Setting your own port and Service
		Communication X
		Port : 3000
		Service ID : *******
		OK Cancel
2.	Click " Comm s	start" in toolbar to start connection.
	Note Consistence Consistence Consistence Constant Constan	trolCenter must start communication earlier then Everlink nunication.

3. If communication successfully connect, "Local name" and device from Everlink will display.



Stop communication

Press "**Comm stop**" button in toolbar to disconnect all Everlink.



3.Feature

3.1. Local site

When Everlink is connected, Setting pane display Everlink local name with all connected terminal. There are three different icon at right bottom in terminal image.

- "√": terminal connected
- "x" : terminal disconnected
- "!" : Service ID error, out of service!



If "View" \rightarrow "<u>Allow all device</u>" is canceled, right click each local name will show Manage function.



Tick box in front of PI series number in "Device Manage" window to manage device. If you have some terminals which are broken or failed, you can also use this function.

Device Ma	anage	×
	☑ PI10-10000002 ☑ PI10-12345678	
Pl se	ease select device for provide rvice	
<u> </u>		

Click each of terminal will show the detail information.

<u>F</u> ile	View <u>H</u> elp					
►	🗉 💥 💾 🔜					
	Argox P110-12345 Argox2 P110-12345 P110-12345 P110-10000 Peployment pkog Message History	10021 1678 1015 Sca	natioin odel : / W : SN : anner :	PI-1030 A00-1.00 10000002 S-01.00	Equipmen HW ver HW int Project na	t ID : 0002 : PI101023 : 11000000020 me : Argox
	Туре	Date & Time	IP		Site	Device

3.2. Deploy

Deploy files to Everlink function. To set a deployment can transmit firmware, program and files in a package to Everlink.

	Create no	ew Deploy	ment	
Click deploymen	"Deploy setting " in t.	n the toolk	oar, then click '	" New" to add a
	Deployment Name:	New	Setup Delete	
	Argox-PI10-15100141	>		
		>> <<		
		Anniv	Cancel	

Enter Deployment name, then enter package name for create a new package.
 File extension must be .pkg when you enter package name.

Deployment Name :	
Package Name :	Browse
© Tradition ← Project Package	
□ FW:	Browse
Program:	Browse

3. Select "Tradition" or "Project" type(Project type is used for Skywalker SDK software.) then click box depends on file type.

ickage Name	test.pkg	Browse
Tradition	Project	
uokugu		
FW:		Browse
🗆 Program:		Browse

Package Setting

Tradition type

FW : Click Browse to find	Tradition C Project Package	
firmware(*.bin) in your	i ackaye	
computer.	□ FW:	Browse
Program : Click Browse to find	☐ Program:	Browse
program(*.bas, *.bin, *.cft,	✓ Files List: test1	Setun Del
*.cmb) in your computer.		

test.pkg

Files List : Enter File list name in combo box and click setup

Files List

16

Name:

- ♦ File List Setup
- i. Click "Browse" to choose the file.
- ii. Select a folder in terminal.
- iii. Click "Add" button to add. Click "OK" to save File list.

	Files Li				01
	Files Li	st Add		elete	
	File	Location	Overwrite	1	
	- Cilouni	C:JDatajNew			
		C: Data New)	Cancel	ī f
Trad	lition	C:JDataiNew]	fance	1

Project type

Project type is used for Skywalker SDK software. Click "**Browse**" to search .prj file extension.

4. Click "Create" to create a new Package.

Deployment Na	me: Argox	
^p ackage Name	: test.pkg	Browse
Tradition Package	Project	
FW:		Browse
🗆 Program:		Browse
	[a	▼ Setun De

5. Choose a deployment in pull down menu. "**Setup**" button can edit selected deployment again.

ment			
re: Argox 🔽	New	Setup	Delet
All devices		Selected d	levices
Argox-Pl10-15100141		12 	
	<		
	>>		
	<<		

 Select target in the left under "All target". Click ">" and ">>" to move item to the right under "Selected devices". Click "Apply" button.

ame: Argox 🔹	New	Setup	Delete
All devices		Selected d	evices
Argox-Pl10-15100141	>		
	<		
	>>		
	<<		
12			

7. Click Deployment in setting pane will display progress.

PI10 1510 0141	Data & Time	IP	Site	Status	1
Deployment Argo× Message	•	192.168.7.127	Argox	waiting for depl	
	- Ungrade (Site to Dev	icel			
	Data & Time	IP	Site	Device	Status
	Q	192.168.7.127	Argox	PI10-15100141	waiting for upgrade

8.	Click " ■ জ্ব ■ ■	Deploy"	but	ton in toc	olbar to start	trans	mission imr	nediatel	у.
	Argox		Pack	ane (Server to S	lite)				
	- 🗓 PI10-15100	1141		Data & Time	 	Site	Statue	1	
	Deployment		\$		192.168.7.127	Argox	waiting for depl		
	-			ade (Site to Dev Data & Time	ice) IP 192.168.7.127	Site Argox	Device Pi10-15100141	Status waiting for u	pgrade
	Туре	Date & Time	IP	Site	Device		Description		
8	General	2016-11-24 11:17:56			()		Open server por	t complete	
X	General	2010-11-24 11:18:00	192.100.7.12	7 Arnov			192.100.7.127 C	onnect co	
3	Denloyment	2016-11-24 11:19:32	192.168.7.12	7 Arnox			Army Denloyme	nt start	
۵,	Deployment	2016-11-24 11:19:33	192.168.7.12	7 Argox			Argox Deployme	nt complete	

٦	000000	ካ

Note ControlCenter will automatically deploy every 90 seconds.

4. Utility

4.1. Deployment

Data & Time

1

IP

192.168.0.174

After deployment setting, you can see deployment status in setting pane.

L.	Click "Deployme File View Help	nt" in setting. It v	vill show all	deployment as be	elow.
	Argox PI10-10000 PI10-12349 Argox2 PI10-12349 PI10-12349 PI10-10000 PI00-12349 PI00-1000000 PI00-100000000000000000000000	0002 5678 system 1015	m system2		
	Туре	Date & Time	IP	Site	Device
2.	Click Deploymen package and upg	t name(Ex:systen rade information	n,system2), I.	you can see progr	ess in
	Package (Server to Site)		Q4_4		
	Data & Time 2016-08-09 10: 1	92.168.0.174 Argox	Status deploy success		

Package: Display deployment transmit from server to site PC status. **Upgrade**: Display device upgrade status from site.

Site Device

Argox PI10-10000002

Status

waiting for upgrade

4.2. Message

ControlCenter can send or receive messages from PI Series or Everlink.

Send message to Everlink						
1. Click Messa	ge in setting p	ane and click "S	Send Message" button.			
Send Message	Save	Delete	Delete All			
Date & Time	Sender	Target	Message			
2016-08-04 09:38:22 2016-08-10 09:58:13	Server Server	Argox Argox	AAABBB DDDCCC			
<			>			

2. Click "Add" button to add a new message.

Message		×
▼ Data No message need to send	Add	Delete
Target	Status	

3. Enter message in Message box.

Message Setting	X
Message: Test	
All target	Select target
Argox Argox2 Argox2-Pl10-10000015 Argox-Pl10-10000002	>> <<
	OK Cancel

 Select target in the left under "All target". Click ">" and ">>" to move item to the right under "Selected target". Click "OK" button to send message.

Message Setting	
Message: Test	
All target	Select target
Argox Argox2 Argox2-PI10-10000015 Argox-PI10-10000002	>>> <<
	OK Cancel

-00000000

Note Each message maximum is 100 bytes

5. If target device is online, message will send immediately. Otherwise, unsend message status will show as below.

aye			_
2016	51121101019	- Add	Delete
Data	í 		
test			
,	Target	Status	
Ţ Ţ	Target PI10-15100141	Status wait for send	
Q	Target PI10-15100141	Status wait for send	
Ţ	Target PI10-15100141	Status wait for send	
0	Target PI10-15100141	Status wait for send	

٢	00000000	1

Note: Switch combo box and click "**Delete**" button can cancel unsend message.

Message Record

Message records display as below. "Save" button can save all the history you sent. "Delete" and "Delete All" button can remove the message record.

Send Message	Save	Delete	Delete All
Date & Time	Sender	Target	Message
2016-08-05 09:39:14 2016-08-05 09:48:56 2016-08-05 09:45:58 2016-08-05 09:54:33 2016-08-04 09:38:22 2016-08-10 09:54:00 2016-08-10 09:58:13	Everlink Pl10-10000002 Everlink Pl10-10000002 Server Everlink Server	PI10-10000002 Everlink PI10-10000002 Everlink Everlink PI10-10000002 Everlink	Please inventory warehouse OK,inventory complete Please update firmware OK, update complete AAABBB GGGHHH DDDCCC
<			



Note ControlCenter will send message every 90 seconds. If Message failed over 3 times. It will stop sending.

4.3. History

Searching History Data

1. Click "History" in setting pane to manage history data.

-History Infor	mation			
Туре:	🔽 General	🔽 Deployment		
Level:	⊽ Errors	🔽 Warning	✓ Informations	
Site:	Argo×	•		
Date	vear(www.	month(mm)	(bb)atch	
Start:	2016	/ 8	/ 26 -	
to:	2016 •	/ 8	/ 26 +	
Sea	arch	Save to file	Clear	

2. Select Type, Level, Site and Date, then click "Search" button. Status pane will display as your setting. "Save to file" button will save data which is display in status pane. "Clear" button will clean all information.

	Туре	Date & Time	IP	Site	Device	Description
٩	General	2013-11-04 13:51:52	127.0.0.1			127.0.0.1 Connect start
٩	General	2013-11-04 13:51:55	127.0.0.1	Argox		127.0.0.1 Connect complete
٩	General	2013-11-04 13:51:55	127.0.0.2			127.0.0.2 Connect start
٩	General	2013-11-04 13:51:56	127.0.0.2	Argox2		127.0.0.2 Connect complete
۲	Deployment	2013-11-04 13:52:02	127.0.0.1	Argox		Argox Deployment start
٩	Deployment	2013-11-04 13:52:03	127.0.0.1	Argox		Argox Deployment complete