



## ALC 平台简介

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CRD自动化软件组

2018.04.10

01

技术亮点

02

功能

03

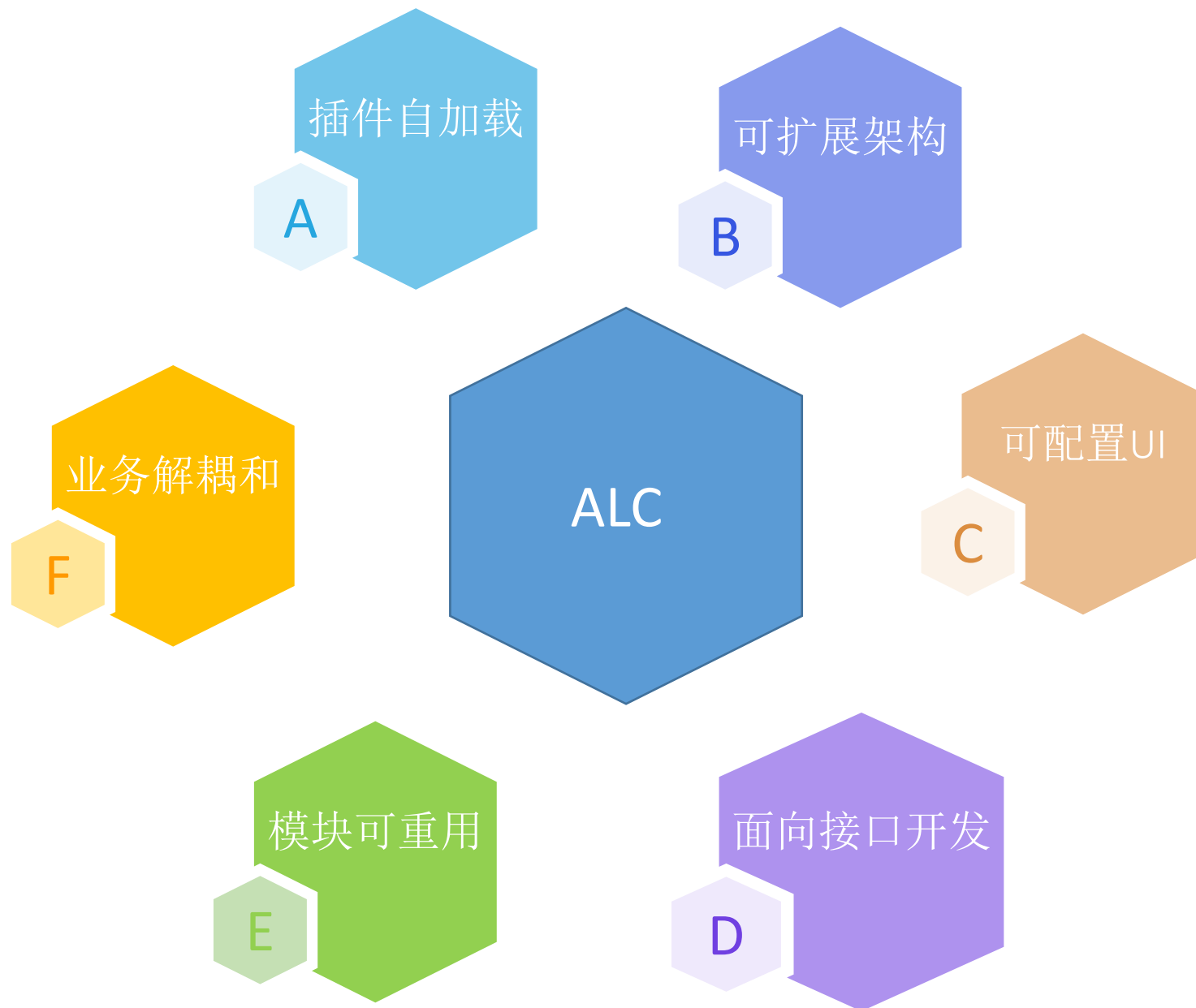
ALC平台主界面

04

配置

05

应用实例





tcp/ip网络通讯稳定



支持MySQL数据库存储管理



支持log打印、csv文档打印

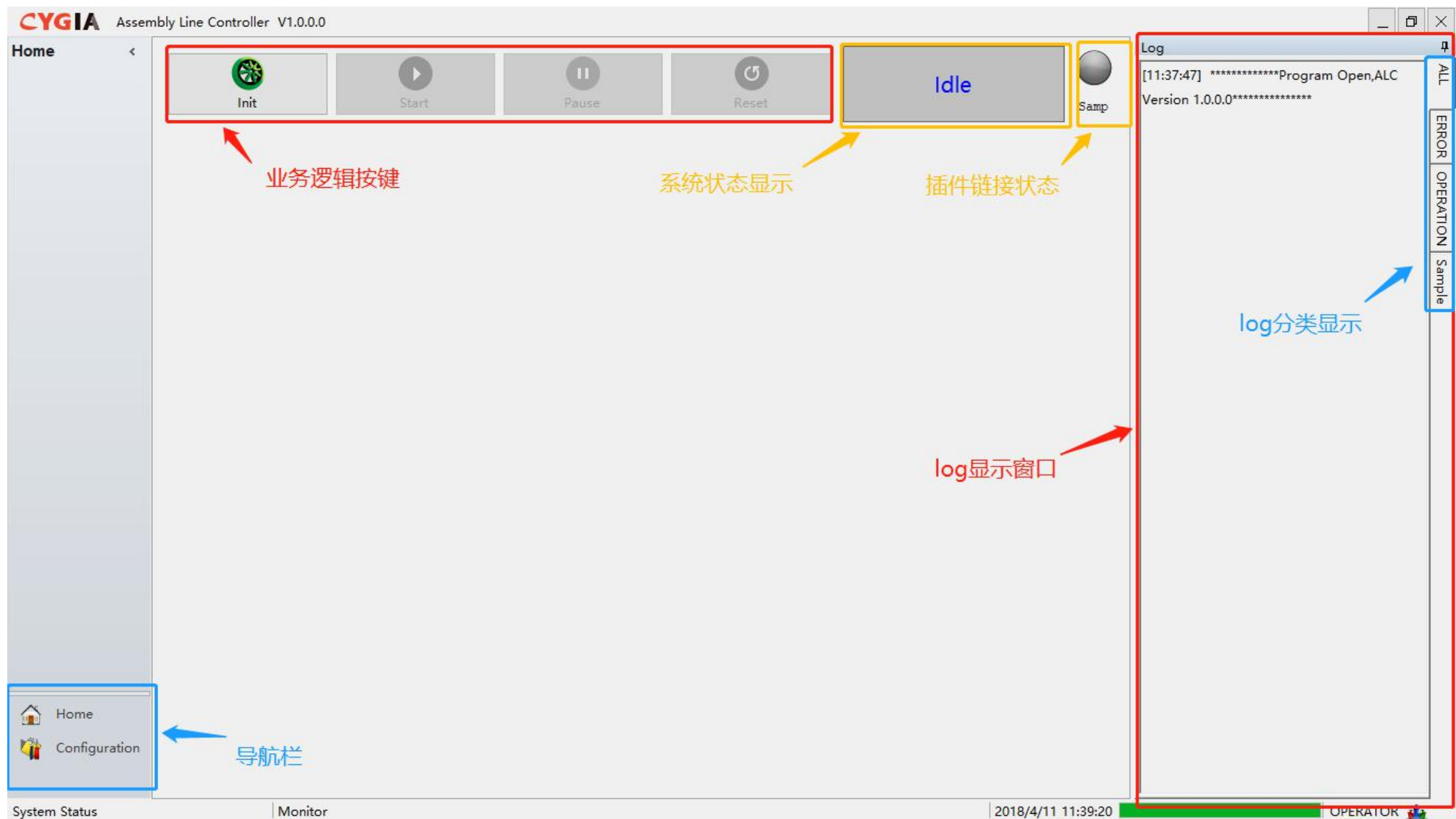


控制业务逻辑



支持SSH远程拉起

# ALC平台主界面



## 01

### xml平台扩展配置:

The image shows a code editor window titled "config.xml" containing an XML configuration file. The XML structure is as follows:

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <System>
3   <Buttons>
4     <Init show="true"></Init>
5     <Start show="true"></Start>
6     <Pause show="true"></Pause>
7     <Reset show="false"></Reset>
8   </Buttons>
9   <Servers>
10    <StringServer port="8899"></StringServer>
11    <BinaryServer port="8900"></BinaryServer>
12  </Servers>
13  <Plugins>
14    <Plugin modulename = "Sample">
15      <DllName>ModulSample.dll</DllName>
16      <Icon>1</Icon>
17      <StartRanking>1</StartRanking>
18      <StopRanking>1</StopRanking>
19      <ResetRanking>1</ResetRanking>
20      <UserControl startx="10" starty="50" length="1500" width="710"></UserControl>
21      <ConfigView startx="10" starty="10" length="1500" width="1500"></ConfigView>
22    </Plugin>
23  </Plugins>
24 </System>
```

Annotations with arrows pointing to specific sections of the XML:

- 控制按钮配置** (Control Button Configuration): Points to the `<Buttons>` section (lines 3-8).
- 服务器网络端口配置** (Server Network Port Configuration): Points to the `<Servers>` section (lines 9-12).
- 插件配置** (Plugin Configuration): Points to the `<Plugins>` section (lines 13-23).

## 02

### config 插件参数配置:



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <configuration>
3   <startup>
4     <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5" />
5   </startup>
6   <appSettings>
7     <add key="LogPath" value="C:\ALC_log\' />
8     <add key=" " value=" " />
9   </appSettings>
10 </configuration>
```

log文件保存路径

可添加插件配置参数

01

应用项目一：

CYGIA Assembly Line Controller V1.0.2.003

Operation

Init

Start

Pause

Idle

new lot

UPH

0

Bin	Bin1	Pass	Total
Qty	0	0	0
Yield	0	0	0

Lot Information

Input

RoomID

Lot Size

FactoryID

Lot ID

Operator

FloorID

MachineID

ProjectID

Load

Picker

0

0

Feed

0

0

Conveyor2

Transfer

0

0

Image

0

LD Grip

0

ULD

0

Conveyor2

Transfer

0

0

Image

0

LD Grip

0

ULD

0

Sorter

Transfer

0

0

Picker

0

0

Pass

0

0

Bin1

0

0

Fail

0

0

Load

Pass

Analysis

Fail

Home

Configuration

Operation

PLC

System Status

Monitor

2018/4/10 17:30:39

Account



02

应用项目二：

CYGIA

Assembly Line Controller V1.2.0.003

Operation

Start

Reset

Idle

PLC

CCD

ProductType: D33

☐ GRRMode

Scan Yield:

scan 0

scanok 0

total 0

Test Yield:

pass 0

tested 0

NG 0

pass% 0%

TestResult

dutsn:

socketsn:

product_type	discription	SPC	FAI	max_value	min_value	test_value	pass
D33	InnerLengthY	F	2	154.07	153.83		
D33	InnerLengthX	E	1	73.95	73.75		
D33	OverAllY	L	4	155.24	155.06		
D33	OverAllX	J	3	75.13	74.95		
D33	ADatumFlatne...	N	12	0.15	0		
D33	FangCenterTo...	AM	78	1.57	1.35		
D33	RightFangToF...	V	38	6.53	6.25		
D33	LeftFangToFr...	V	38	6.53	6.25		
D33	RightHookBa...	AD	54	2.48	2.16		
D33	LeftHookBase...	Ai	59	1.99	1.67		
D33	CDatumToFan...	W	22	4.51	4.19		
D33	CenterHookB...	AG	57	1.65	1.33		
D33	FlangeNutHol...	T	23	2.53	2.29		
D33	LeftWeldNutT...	AO	32	5.32	5.08		
D33	TopWeldNut...	P	31	13.53	13.29		
D33	FlangeNutHol...	Q	28	41.83	41.59		
D33	TopWeldNut...	R	37	3.89	3.65		
D33	LeftWeldNutT...	S	36	18.63	18.39		
D33	RightWindow...	X	48	2.58	2.43		
D33	MiddleWindo...	Z	50	2.68	2.48		
D33	LeftWindowS...	AC	53	2.68	2.53		
D33	LeftWindowS...	AB	52	27.8	27.56		

Home

Configuration

Operation

CCD

System Status

Monitor

2018/4/11 10:34:49

Account



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Thanks For The Opportunity!