



UWNTTEK

打造优秀的控制系统产品

优稳自动化

2018

“ ” “ ”

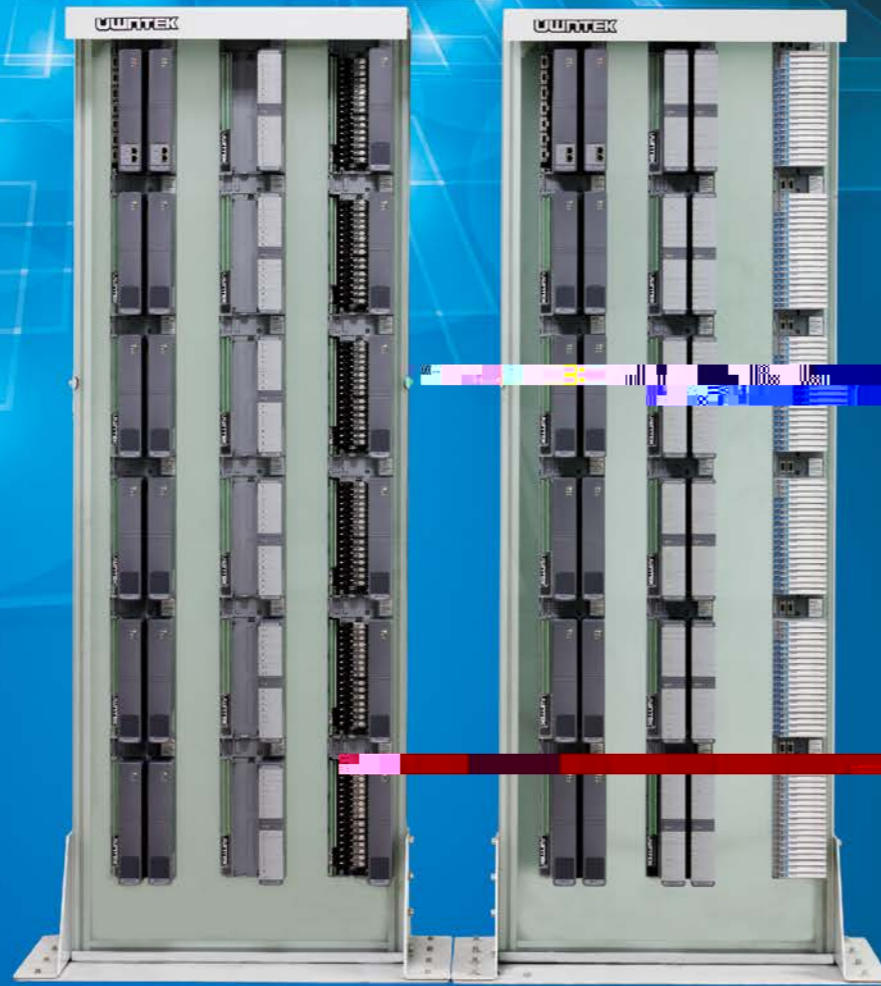
linux

36000 /

DCS+SIS

UW500s





UW500/UW600 集散控制系统技术特点:

- 全硬件冗余容错, 无单点故障失效; 单重化、多重化硬件冗余表决机制, 切换时间5-50ms;
- 高适应性智能型模块, 少类型多功能, 软件选择信号类型, 减少备品备件, 在线校正;
- 本质安全型总线IO模块系列, 节省安全栅、隔离栅、安装空间与接线维护工作;
- 全覆盖诊断与防错保护, 支持外部线路诊断, 支持过流、过压、反接、错接等过失保护;
- 控制系统I/O规模12万点/域, 分布式全局实时数据库, 集群数据规模1000万点;
- IEC61131-3标准 FRD/IL D/SEC/ST/IL 多语言混合协同编程 在线调试 远程维护;
- 网络安全控制模块, 支持安全控制与安全防范, 实现可信通讯、异常侦测、篡改阻截等;
- C/S或B/S模式, Web访问, PC机、iPAD、iPhone、Android等智能终端均可访问。



【优稳官方微信】 【优稳官方网站】



国家科学技术进步奖
证书

为表彰国家科学技术进步奖获得者, 特颁发此证书。

项目名称: 高端控制装备及系统的设计开发平台研究与应用

获奖者: 杭州优稳自动化系统有限公司

奖励等级: 一等

证书号: 2013-J-220-1-01-003

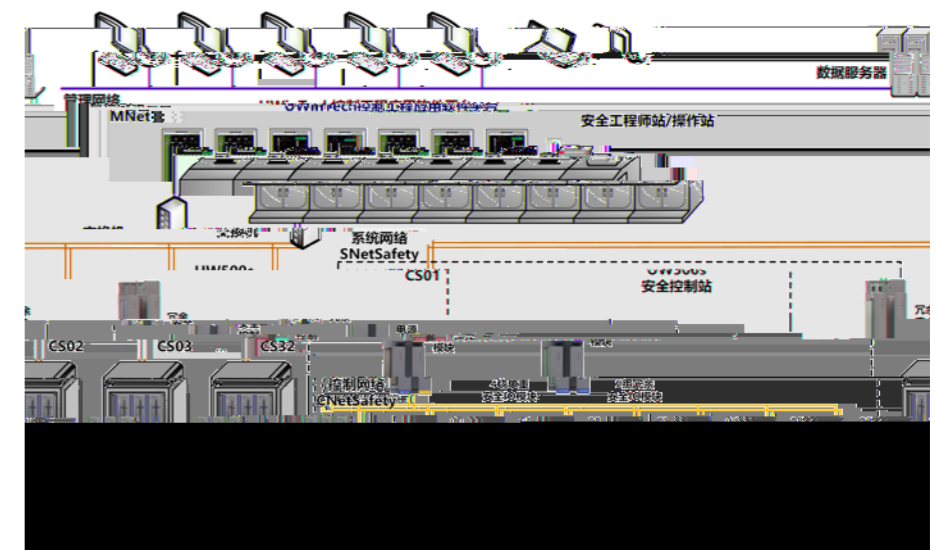
2014 116

2020.1.1

2019



300



SIS

2018

2018 2018 2019 11 2018 10 31
 2018 14 " 2018

2019 4 25- 4 26

GB/T21109()

2014 116

GB18218- 2018

HAZOP LOPA SIL

GB50770/GB50493

SIL

28



2018

1500t/d

DCS

2018 12 CAIAC 2019

4
1500t/d DCS



5400



“ ”

2025*

2018 11
97.27% ;
0.09 ;
1.38 ;
1362
385
3255.8

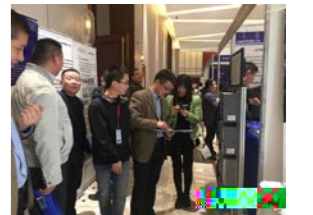


2019

2 .

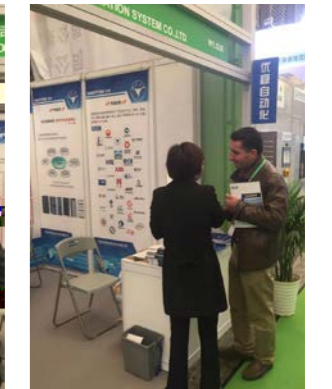
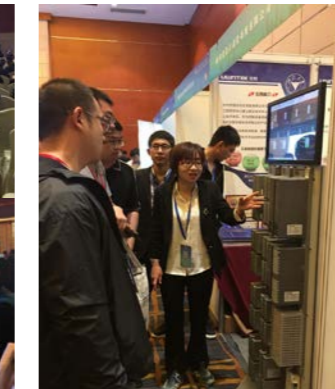
2019

3 .



4 .

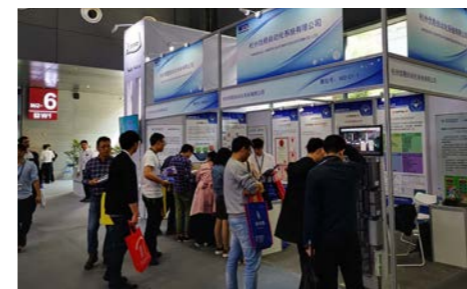
IE expo 2019
4 .



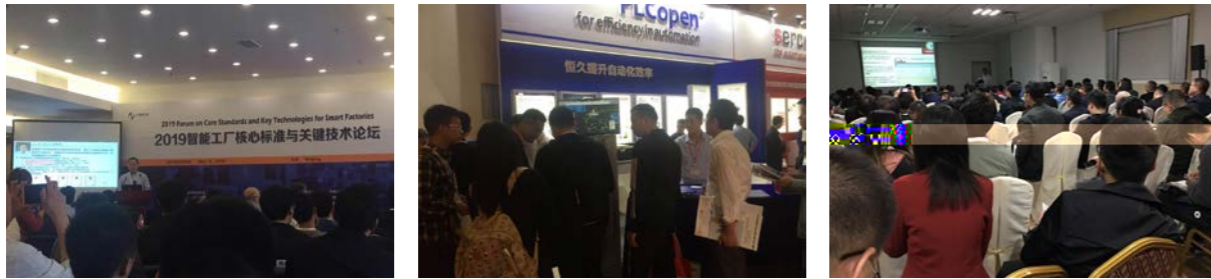
CIPM 2019

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5 .

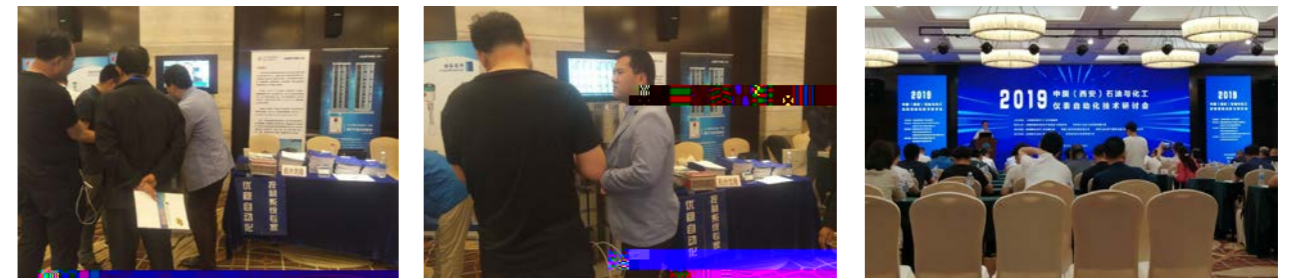


5 .



2019

5 .



2016 2020

5 .



2016 2020

6 .



5 .



2019

6 .



82 API

/ / / 5 .



6 .



2

(National Quantum Technologies Programme)
2.7

30

M Squared

(Future Sensing and Situational Awareness Programme)
(Innovate UK)

2500
1

1

()

Joseph Cotter

3

()

(Imperial

College) M Squared

(GNSS)

(GPS)

10

2014

UWinTech ProV2.06		KyLin 4Q2	
1.5GHz-2GHz		phytium FT1500a 64bit CPU	
cache	2 DDR3-1600	2 mesh	2MB L2 cache 8MB L3
CPU		25.6GB/s	28nm
	15W		

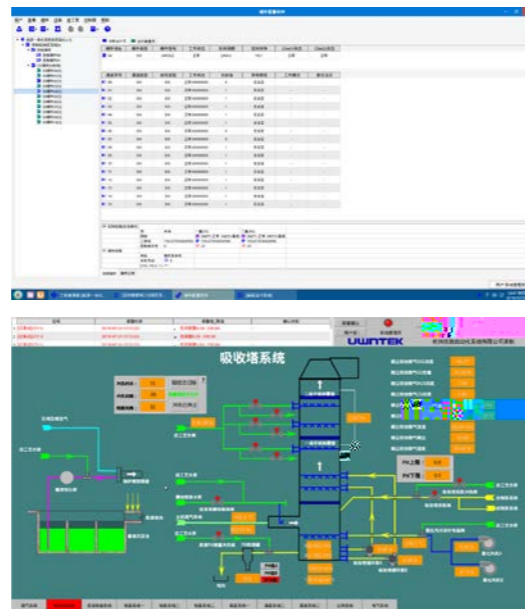
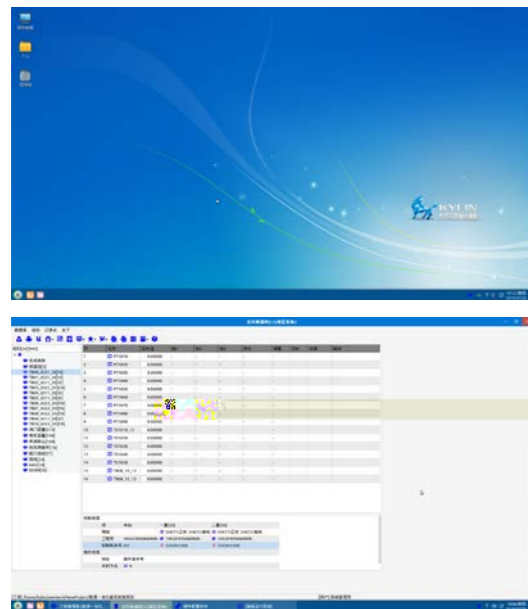
1000

500

UW500j UW[PAS500j

AIO:2048 DIO:4096

AIO:126976 DIO:253952



UW[TWUZ Pd V2.06

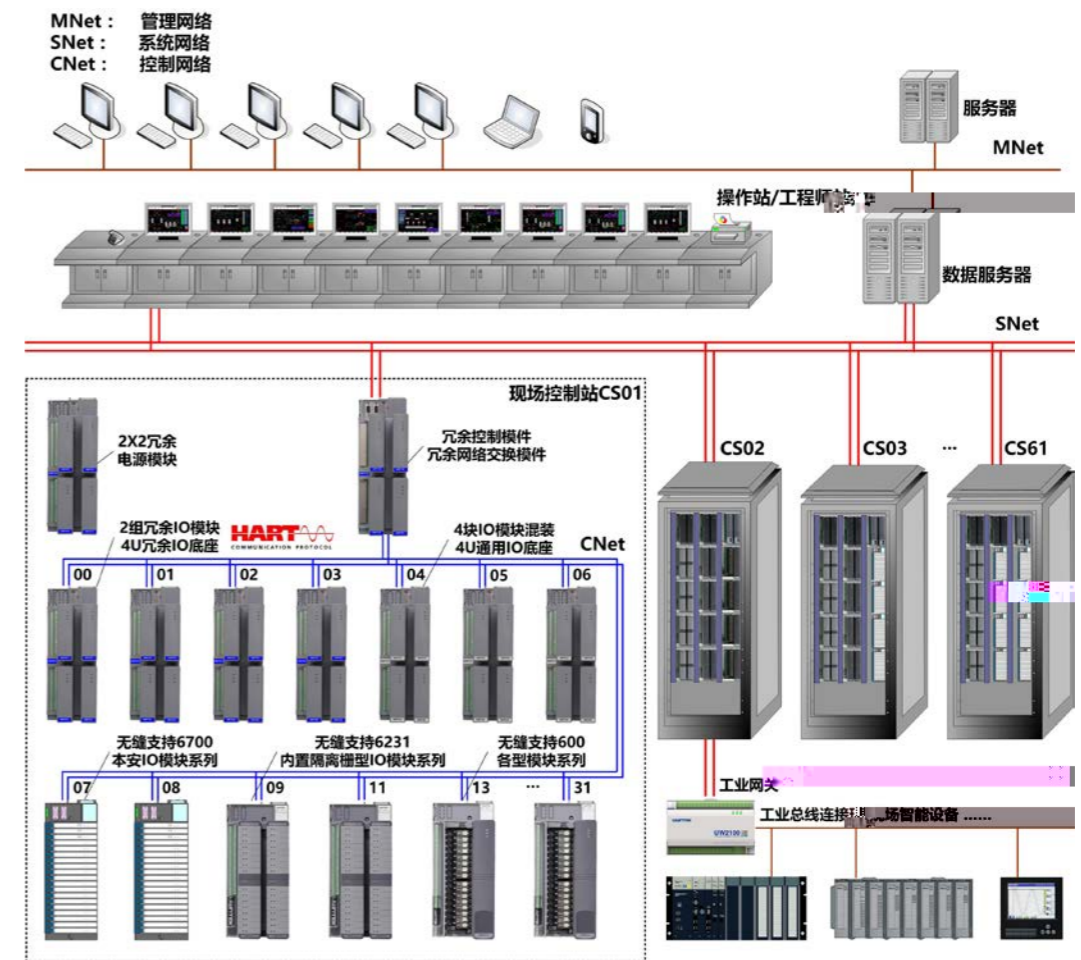
1000

50- 500

IEC611- 3

FBD LD SFC IL ST

50- 500



UW500x

DCS

400 / 4 6

DCS+SIS

I/O I/O I/O
I/O

50%
30%

	128	878	
	470	AI 86	AO 45
	98	5	
	150	5	
	32		



- I/O

SIS

UW500s SIS

DCS		
AI	140	798 2 2
AO	48	
DI	412	
DO	198	
SIS		
AI	18	40 1 1
DI	14	
DO	8	

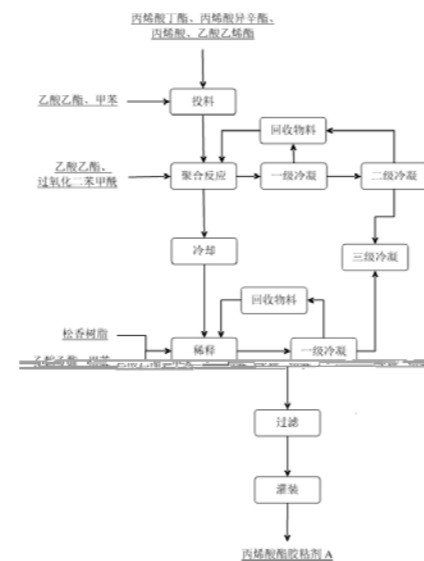
36000 /

DCS+SIS

1 /

DCS+SIS

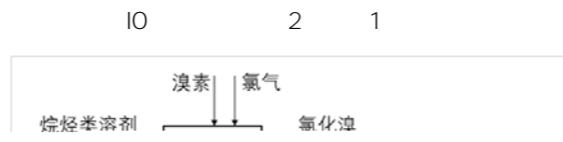
	DCS		SIS	
	500	1000 3 4	32	50 1 2
	312		10	
	188		8	



356 1 / 8 4R 5R 6R
1# 2# 369 165

	DCS		SIS	
	556	1678 5 6		118 1 2
	244			
	120		8	
	452			
	306		110	





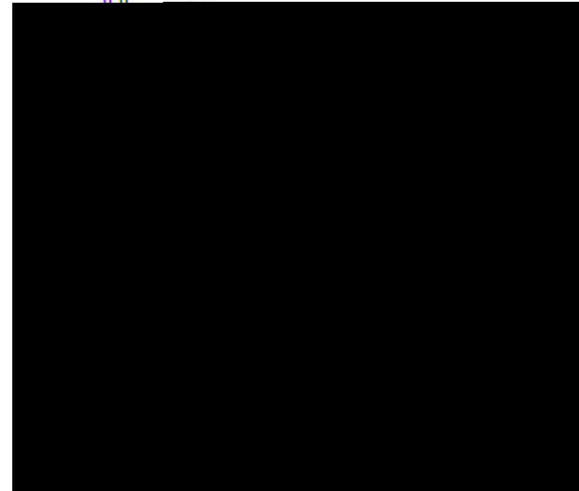
2 y 0

-66

UW500s

UW500a

1



PBS

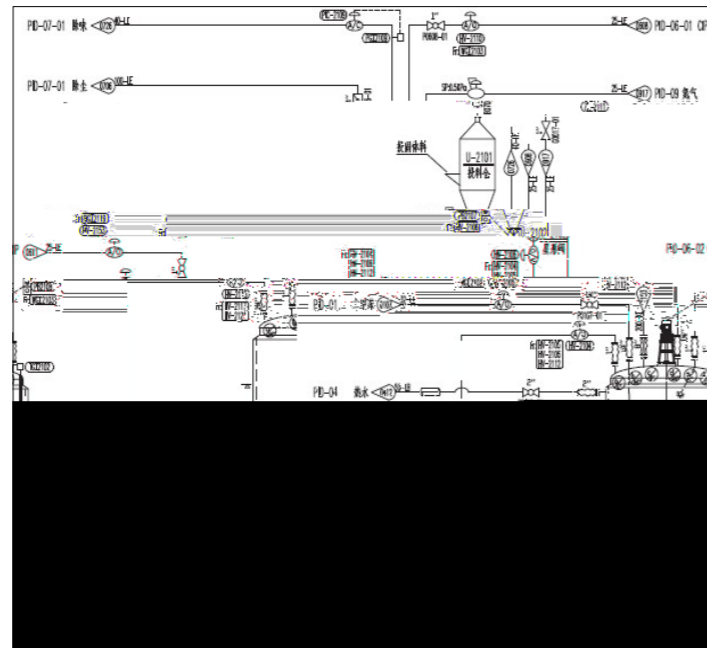
BPS

DCS SIS

2



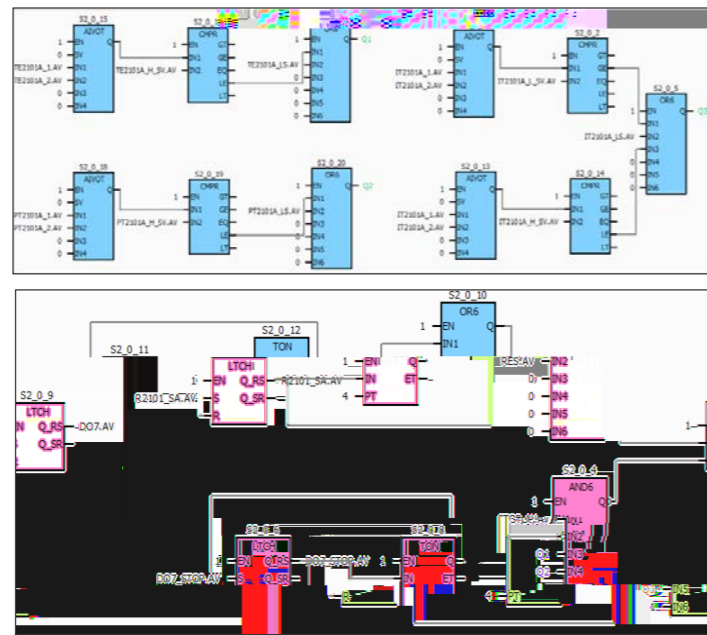
PLC DCS
SIS



7

		13.47	14.45
2.18	2.29	15.79	16.24
9.85	9.95	56.92	57.44

8

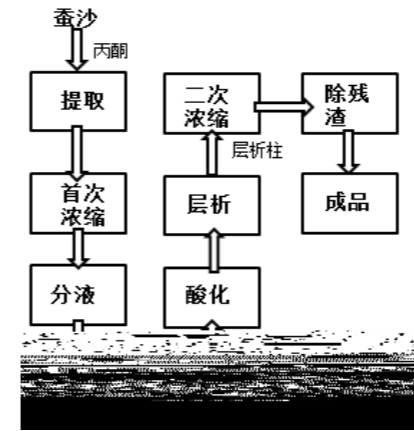


8 2101A

9

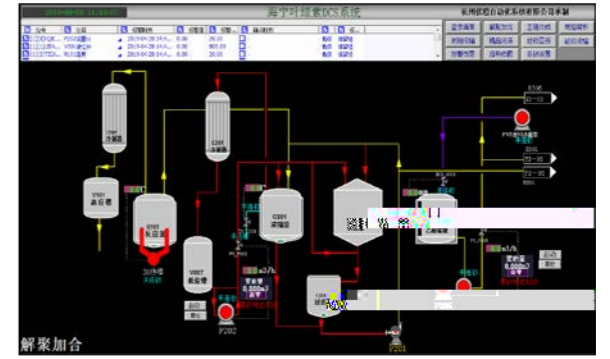


9 SIS



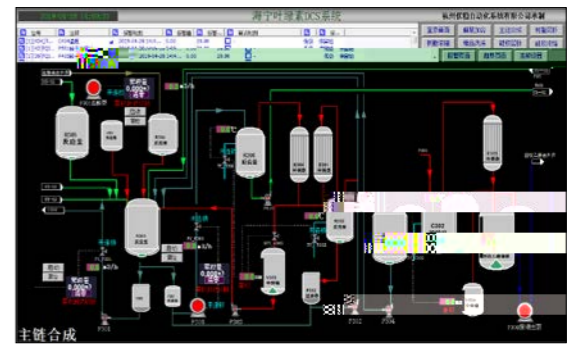
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3.1



2

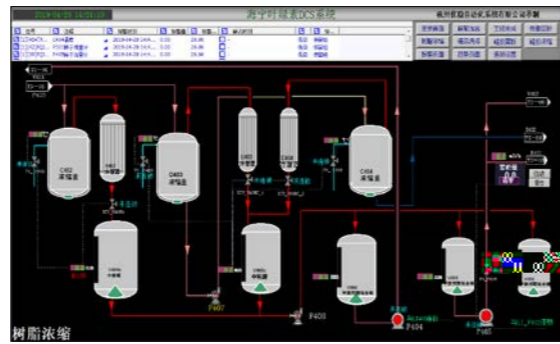
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3

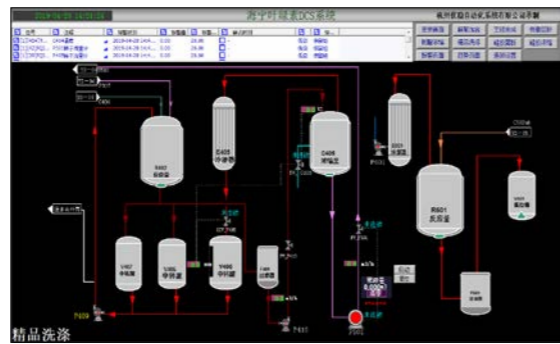
3.3

9



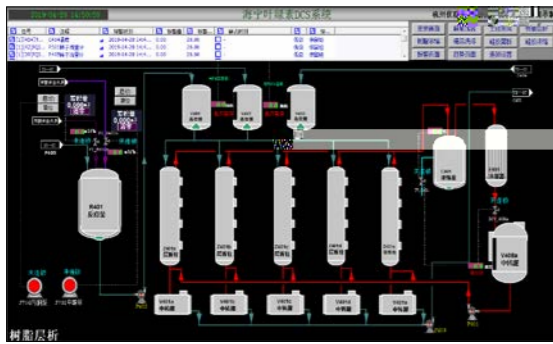
16

5



3.6

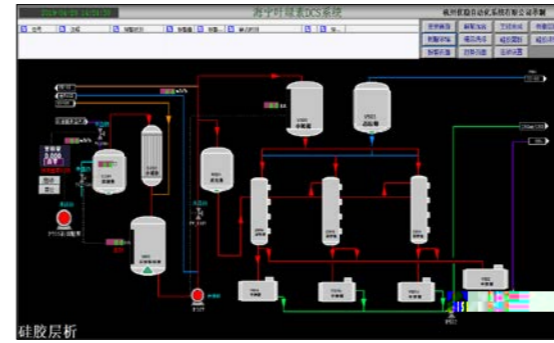
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4

3.4

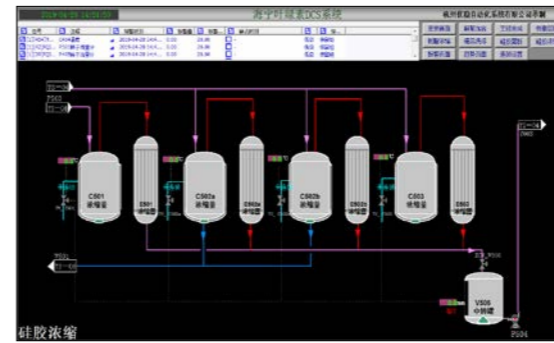
3.5



7

3.7

5

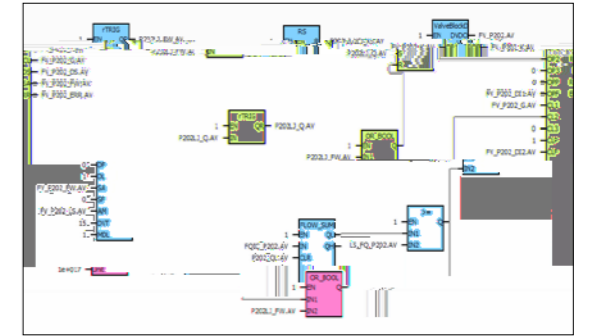


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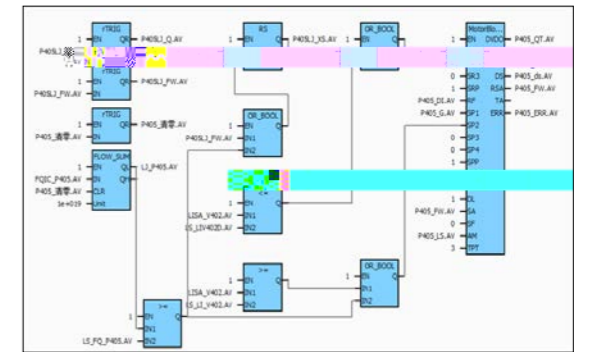
3.8

9

10



9



10

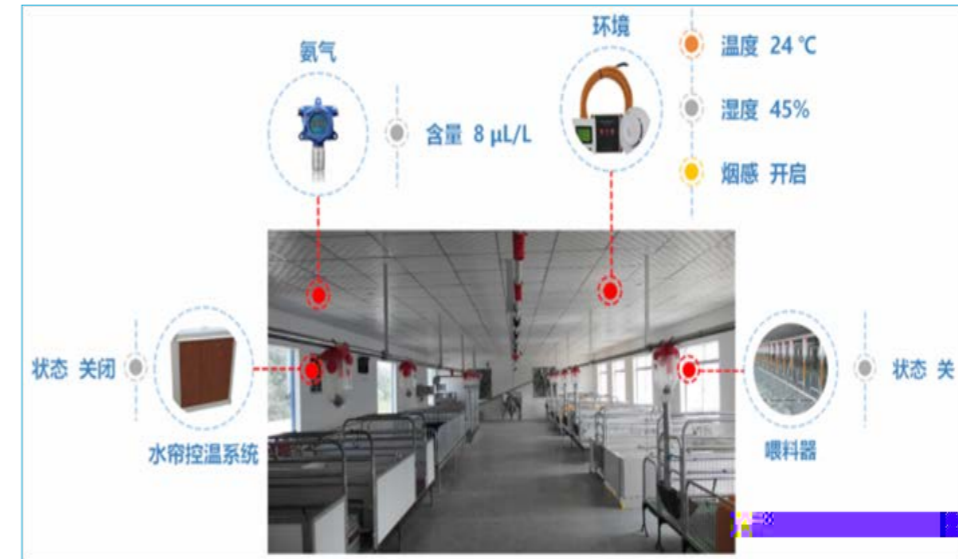
UW500a

WEB

UW500a



" UW2100 eDCS"



UW2100
Modbus RTU CJ/T188
DLT645
UWinTech

UWinBatch



UWintech

UW2100 / RS485/ GPRS/CDMA UWintech UW2100 UWintech

SIS



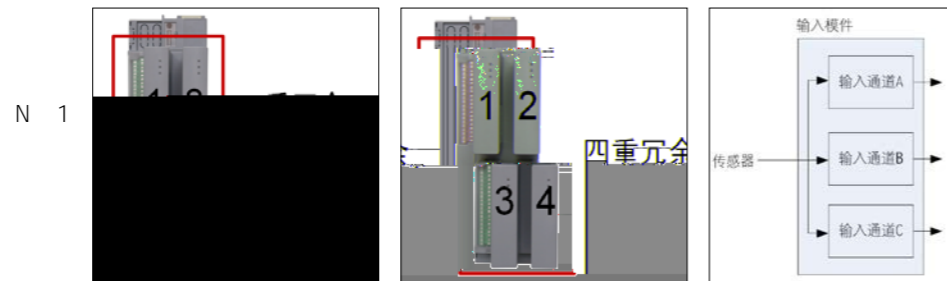
0.01% t 99.99%

SIS SIS

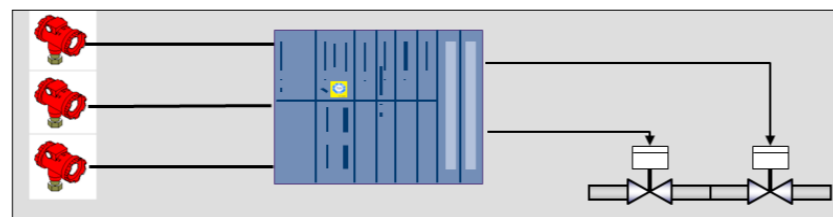
99.99% 10000 1 ,SIS

SIS			
SIS			
SIS			
SIS			

Redundant

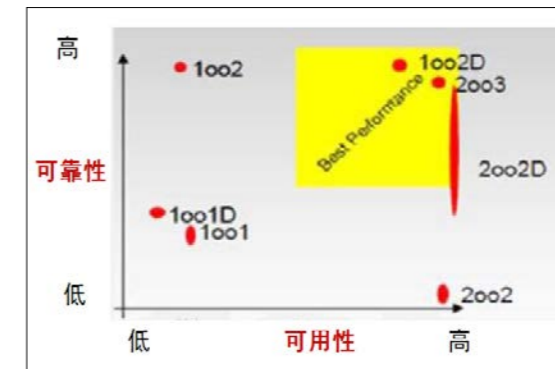


Redundant System



(Voting)

1oo1	1	1
1oo1D	1	1
1oo2	2	1
1oo2D	2	1
2oo2	2	2
2oo2D	2	2
2oo3	3	2
2oo3D	3	2
2oo4D	4	2



1oo2

A B 1 A B 0

(2oo2)

A B 1 A B 0

1oo3

A B C 1 A B C 0

1oo2

3

2oo3

A B C 1 A B C 0

华移十年 感恩有你

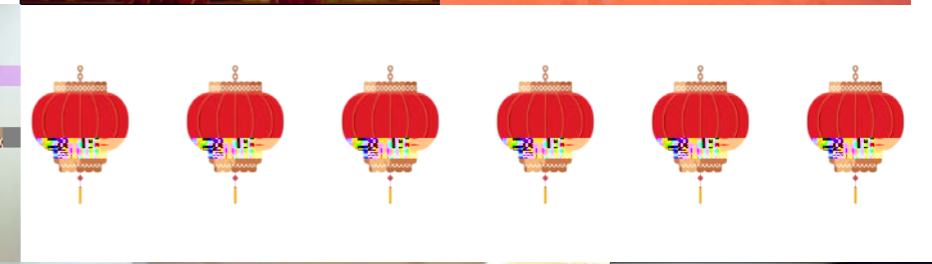
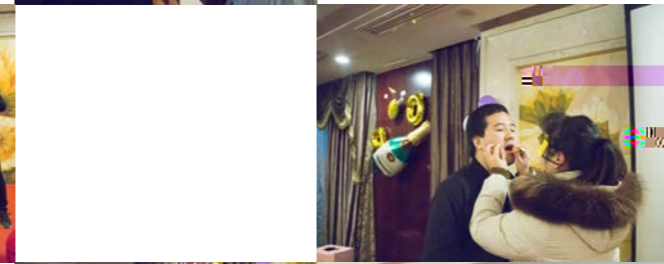
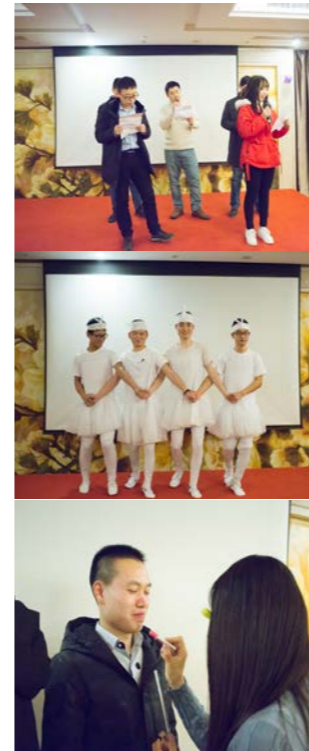
2018

2019

2018

2019

2018

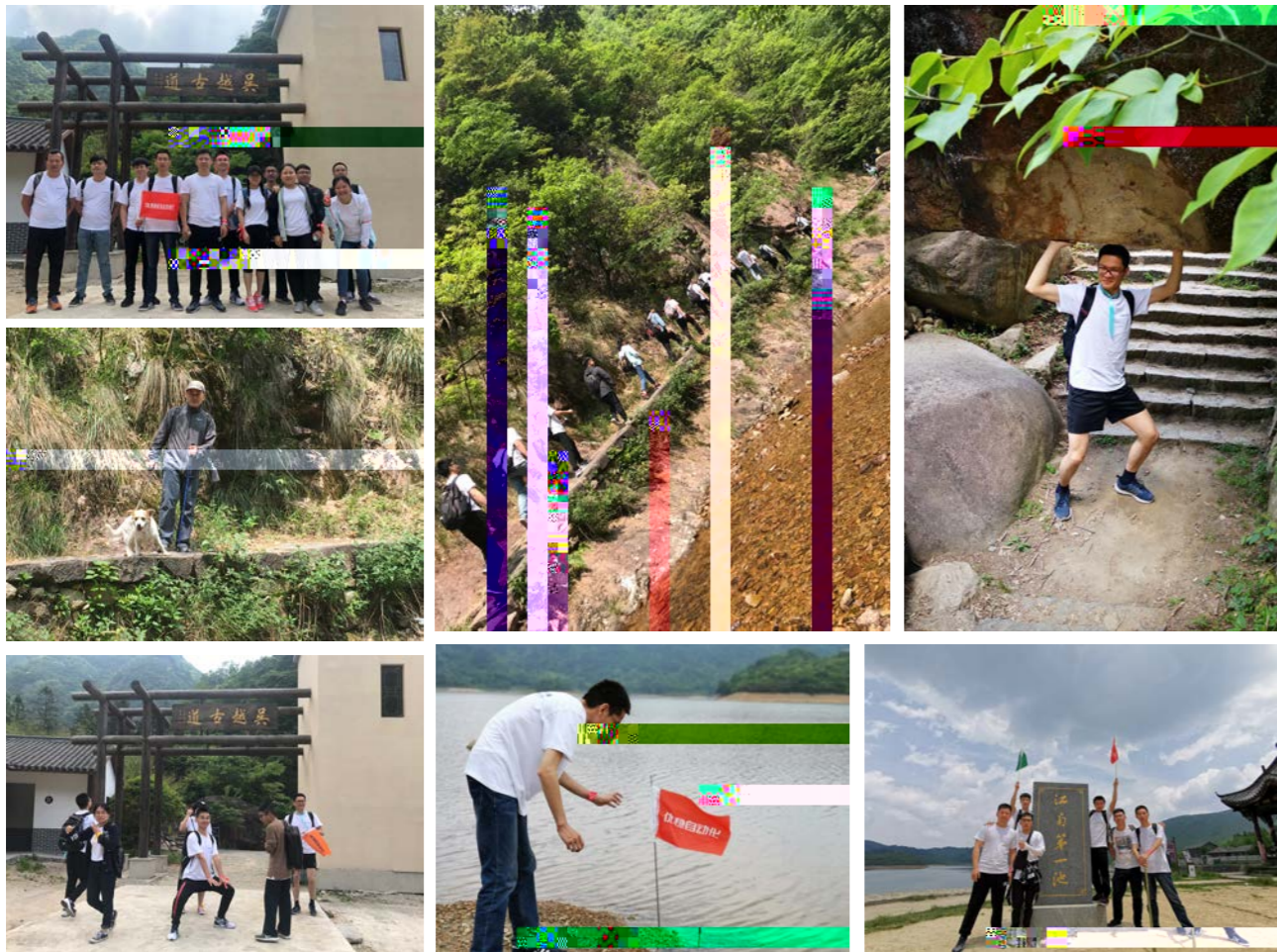


2018

2019

2019

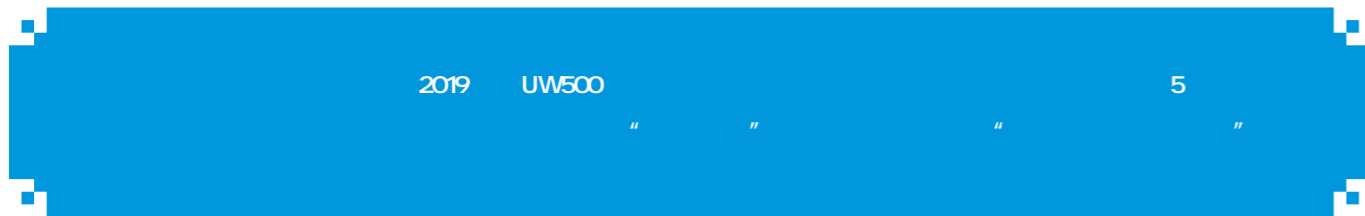




Happy Birthday



2019年《UW500系列控制系统》培训邀请函



2019 UW500

5

184- 5886- 5600

E - mail: market06@uwnstek.com



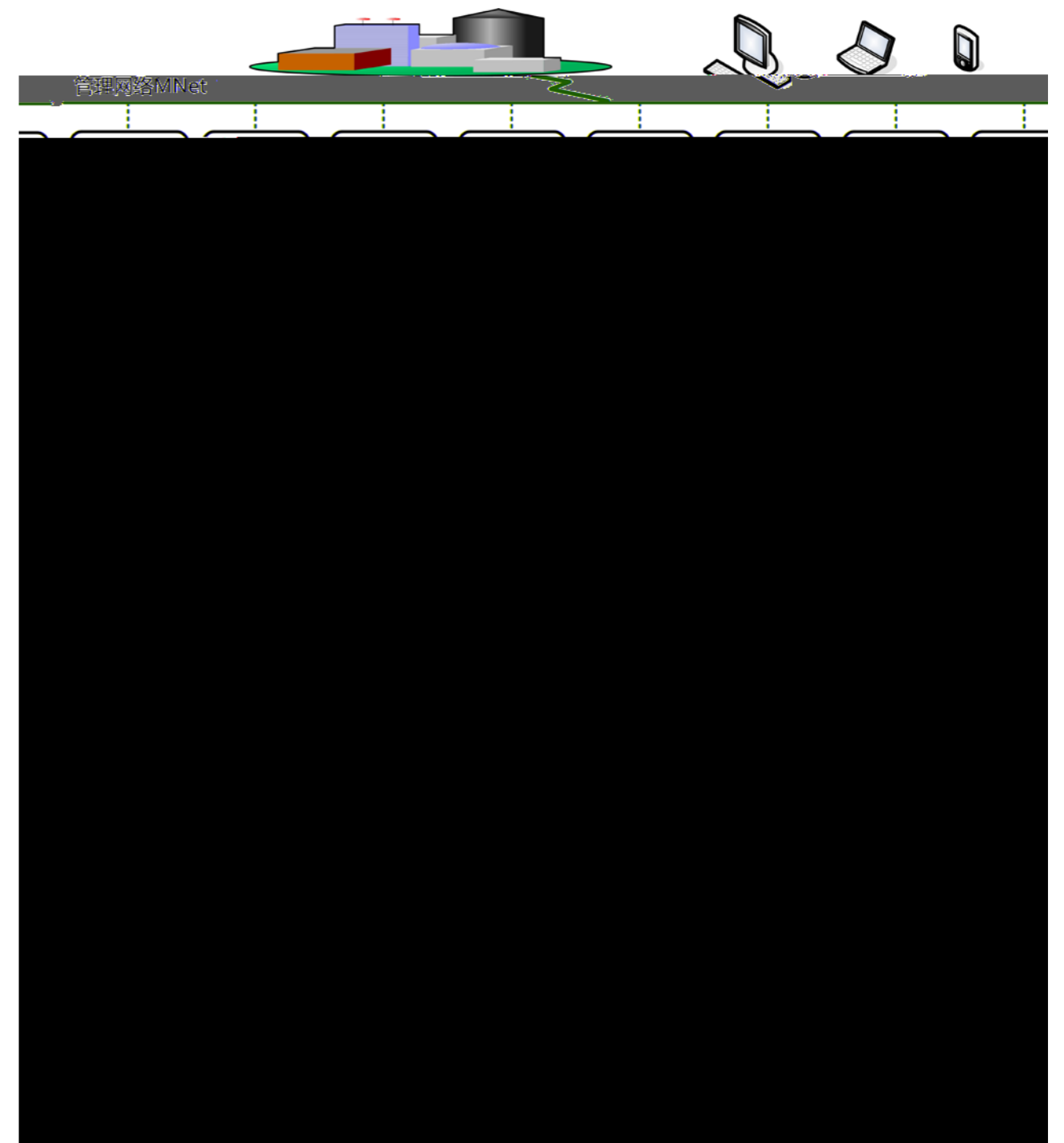
- 1.
2. * UWNTEK *
- 3.

1 2000 / /

2

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- 190415 2019.04.15—2019.04.19
- 190521 2019.05.20—2019.05.24
- 190617 2019.06.17—2019.06.21
- 190722 2019.07.22—2019.07.26
- 190819 2019.08.19—2019.08.23
- 190923 2019.09.23—2019.09.27
- 191021 2019.10.21—2019.10.25
- 191125 2019.11.25—2019.11.29
- 191223 2019.12.23—2019.12.27

		5	30H
		9:00AM	17:30PM
		UW500 IO	
9 00—11 30			
13 30—17 30	UW500		
	UW500 I/O		
		UW500	
9 00—11 30		UW500	
		UW500	
13 30—17 30			
		UWinTech	
9 00—11 30			
13 30—17 00			
		UWinTech	
9 00—11 30			
13 30—17 30	SIS		
9 00—11 30			



* UWTEK *





UWNTEK
打造优秀的控制网络产品



浙江大学工业自动化
国家工程研究中心

杭州优稳自动化系统有限公司
HANGZHOU UWNTEK AUTOMATION SYSTEM CO.,LTD.

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