

Programmable Terminal
NS Series

CX-Designer

Introduction Guide

Screen 1

LINE	Power Supply	Unit
Power Supply1	Unit 1 Stop	
Power Supply2	Unit 2 Stop	
Power Supply3	Unit 3 Stop	
Power Supply4	Unit 4 Stop	
Power Supply5	Unit 5 Stop	

Screen 2

Label	Normal value (Unit & Device)
Present Value	-00000
Set Value	-00000
Label	Transfer

Popup Screen

Alarm 1	Alarm 7
Alarm 2	Alarm 8
Alarm 3	Alarm 9
Alarm 4	Alarm 10
Alarm 5	Alarm 11
Alarm 6	Alarm 12

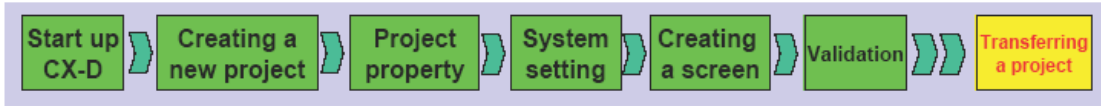
Screen 3

Time	Alarm ID	Description
11:00:00	Alarm 1	Power Supply 1 Stop
11:00:01	Alarm 2	Power Supply 2 Stop
11:00:02	Alarm 3	Power Supply 3 Stop
11:00:03	Alarm 4	Power Supply 4 Stop
11:00:04	Alarm 5	Power Supply 5 Stop
11:00:05	Alarm 6	Power Supply 6 Stop
11:00:06	Alarm 7	Power Supply 7 Stop
11:00:07	Alarm 8	Power Supply 8 Stop
11:00:08	Alarm 9	Power Supply 9 Stop
11:00:09	Alarm 10	Power Supply 10 Stop
11:00:10	Alarm 11	Power Supply 11 Stop
11:00:11	Alarm 12	Power Supply 12 Stop

OMRON

NS8 PT

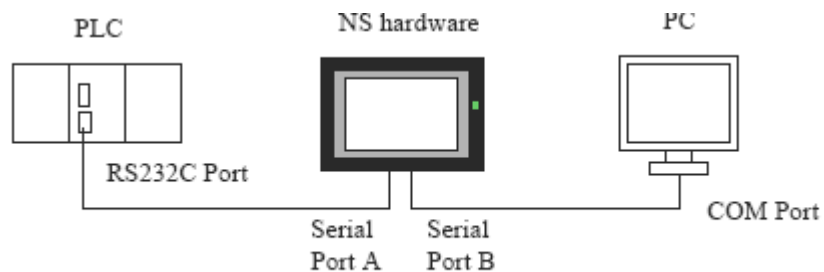
NS



Cx-Designer

- CX-Designer
- NS Hardware
- PLC
- NS Hardware – PC Serial communication cable
- NS Hardware – PLC Serial communication cable
- PC

- NS-CXDC1-V[]
- NS8-TV1[] (B)-V1
- CS Series, CJ Series
- XW2Z-S002
- XW2Z-200T
- Windows PC on which CX-Designer performs



: NS

- Serial Port A NT Link (1:N), No. of units: 0, Communication Speed: High-speed
- Serial Port B Setting is not necessary

: PLC

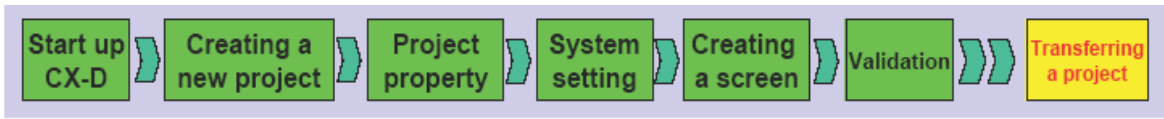
- Host Link Port Communication Speed: High-speed NT Link, Communication Mode: NT Link (1:N), NT Link Max. No. of units: 1

PLC

Allocation Address	Description
00000.00	Power 1 Running / Stopped
00000.01	Power 2 Running / Stopped
00000.02	Power 3 Running / Stopped
00000.03	Power 4 Running / Stopped
00000.04	Power 5 Running / Stopped
00000.05	Power 6 Running / Stopped

Allocation Address	Description
DM100	Present value

Allocation Address	Description
00001.00	Alarm 1 Occurred / Released
00001.01	Alarm 2 Occurred / Released
00001.02	Alarm 3 Occurred / Released
00001.03	Alarm 4 Occurred / Released
00001.04	Alarm 5 Occurred / Released
00001.05	Alarm 6 Occurred / Released
00002.00	Alarm 7 Occurred / Released
00002.01	Alarm 8 Occurred / Released
00002.02	Alarm 9 Occurred / Released
00002.03	Alarm 10 Occurred / Released
00002.04	Alarm 11 Occurred / Released
00002.05	Alarm 12 Occurred / Released

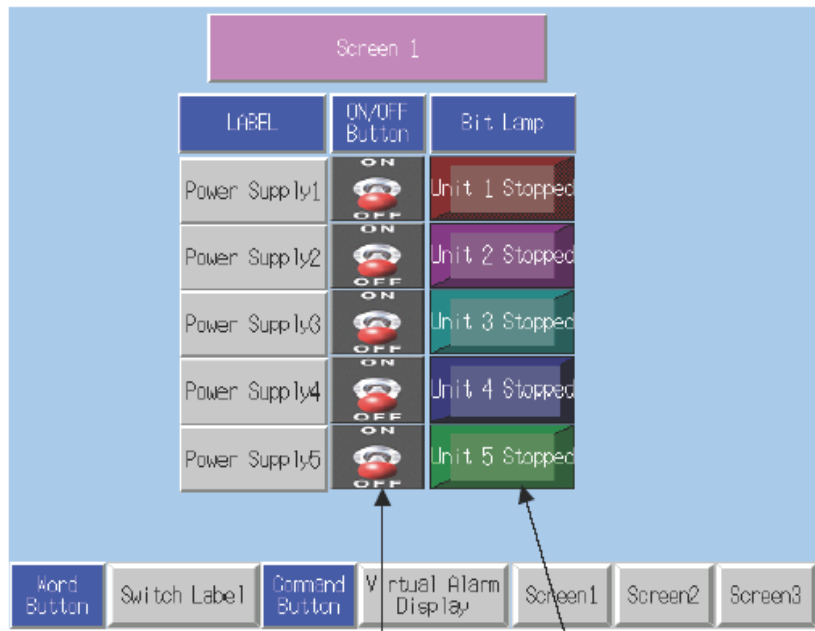


Sample Screen

CX_Designer
Switch label
SCREEN

Screen 1

PLC
PLC
Screen
(bit lamp)
Screen1
Screen

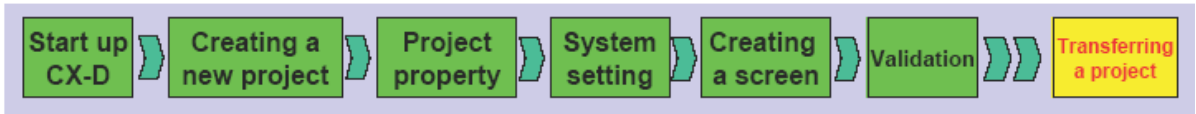


ON/OFF

ON/OFF

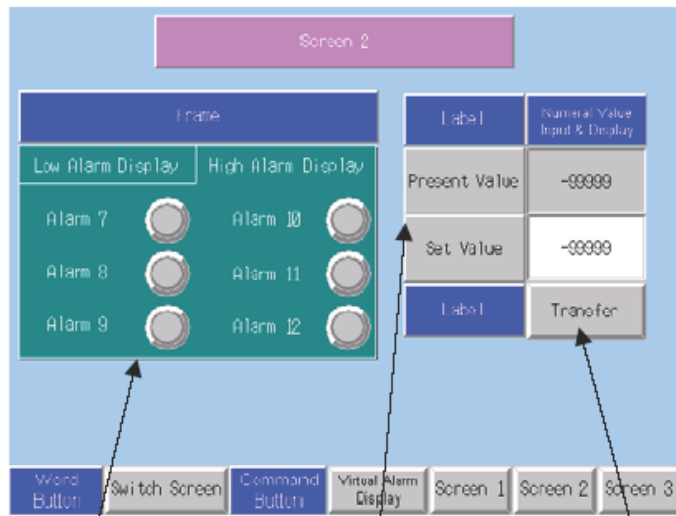
ON/OFF

RUN/STOP



Screen 2

PLC : screen screen2 screen



Alarm Display Present Value / Set Value Transfer Button

1 Alarm Display

high alarm display low alarm display

Alarm display

PLC

Present value/set value

PLC

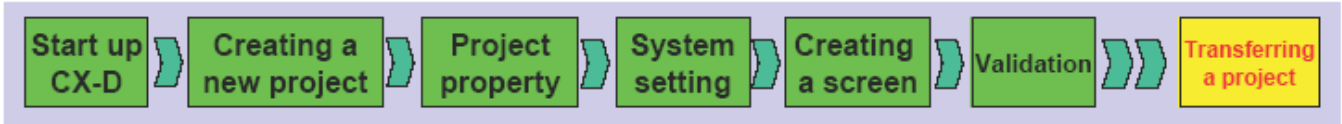
Set value/Transfer button
Numeral display&input

screen

PLC

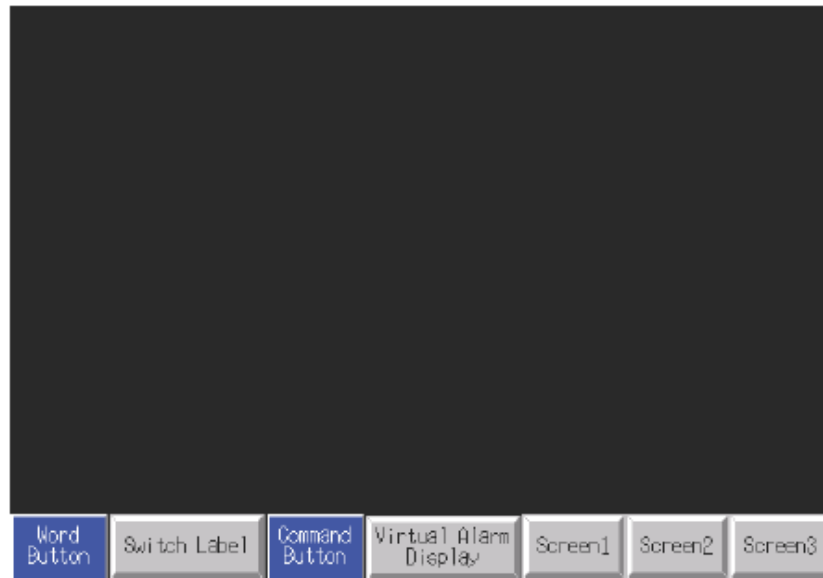
transfer

NS



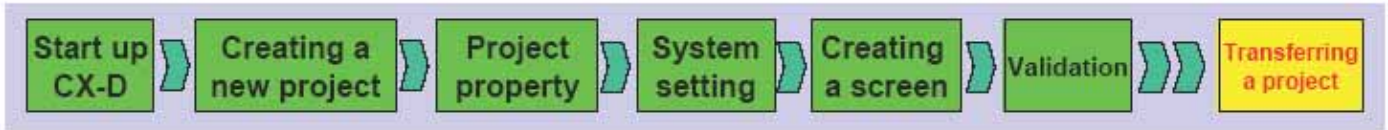
Sheet 1

Screen Label Switch Label Sheet Screen Sheet
 Screen () Screen



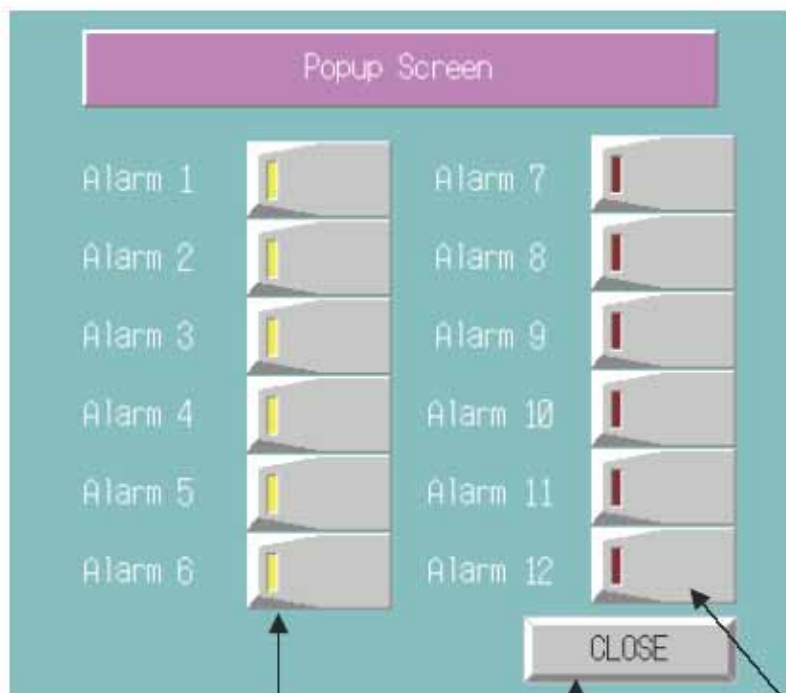
Switch Label Button Virtual Alarm Display Button Screen Switch Buttons

: Switch Label Button
 Dutch Label English Label Pop-up
 : Virtual Alarm Display Button
 () Pop-up screen
 : Screen Switch Buttons
 Screen



Pop-up Screen

Screen Screen Pop-up screen
 2.05 2.00 1.05 1.00 Pop-up screen



Low Alarm buttons

Close button

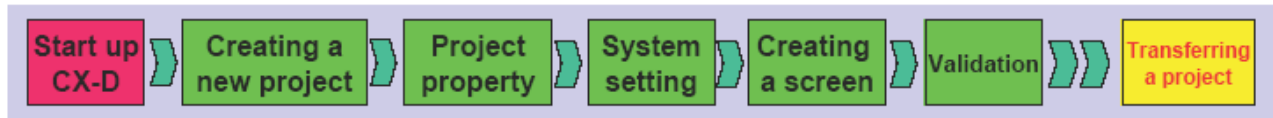
High Alarm button

: Low Alarm buttons
 ON/OFF

: High Alarm button
 ON/OFF

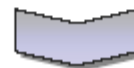
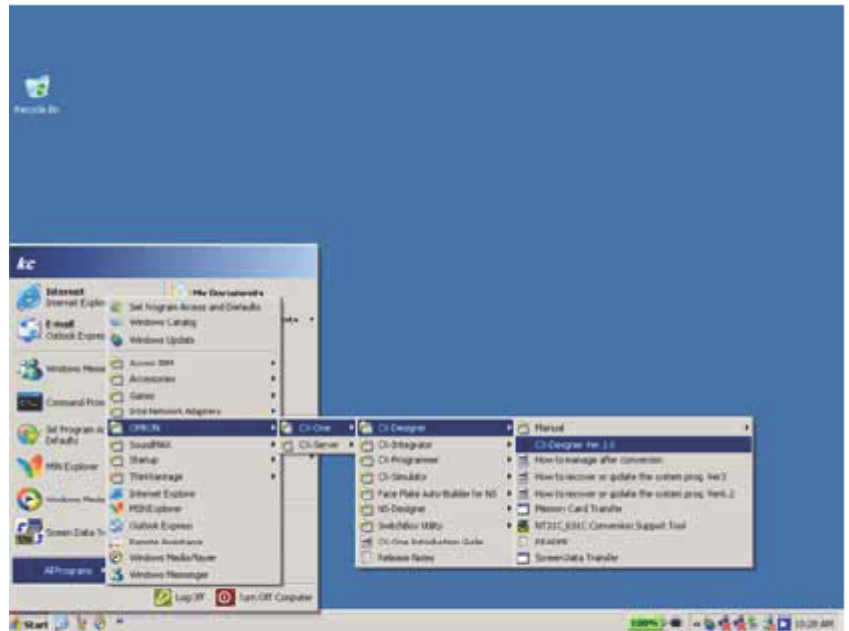
: Close button

Pop-up screen

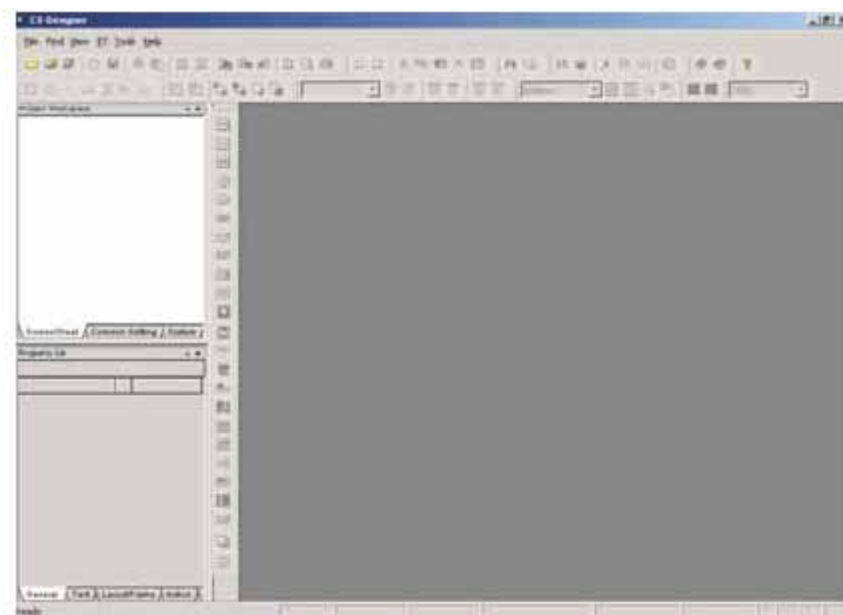


۲-باز کردن CX-DESIGNER

start program/omron/cx-
 one/cx-designer/cx-designer
 ver.xx
 cx-designer ver.1.0)
 (



CX-DESIGNER



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

Transferring
a project

new project

MODEL: NS8-TS1[]-V1

SYSTEM VERSION:
SYSTEM VER.6.2

PROJECT TITLE:

Test program)

FILE NAME:

GUIDE)

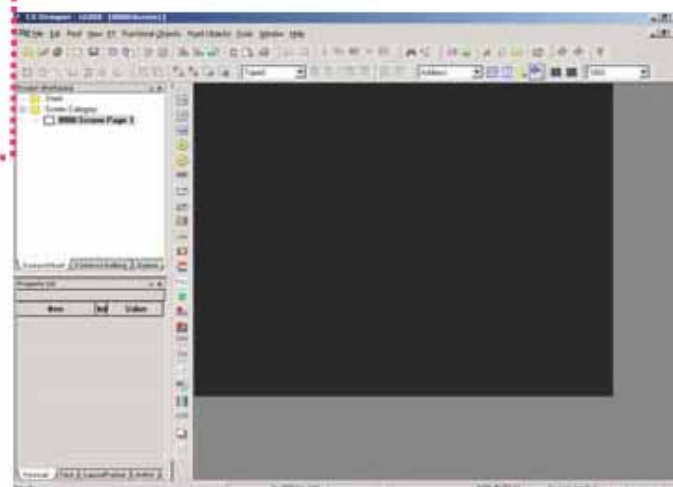
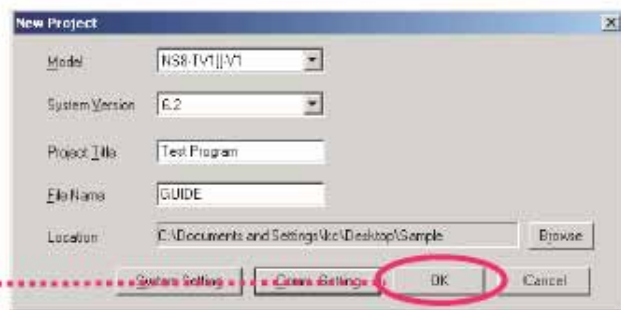
LOCATION:

C:\DOCUMENTS)

AND
SETTING\DESKTOP\
SAMPLE)

SCREEN1)

OK



Start up
CX-D

Creating a
new project

Project
property

System
setting

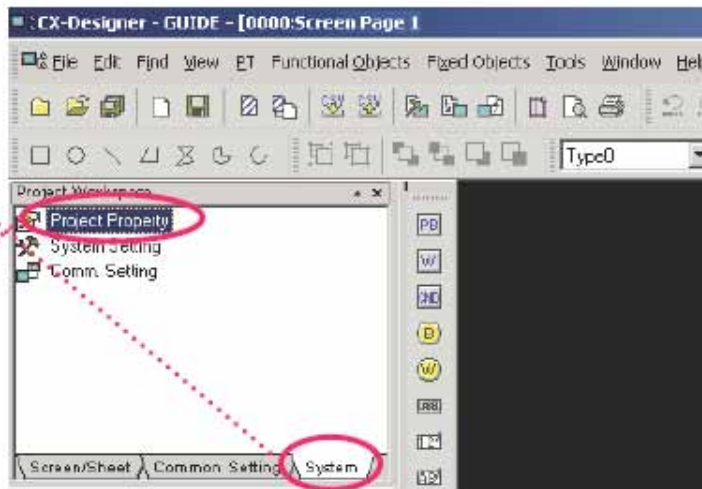
Creating
a screen

Validation

Transferring
a project

Project property

در صفحه کاری پروژه روی
SYSTEM
PROJECT PROPRTIS

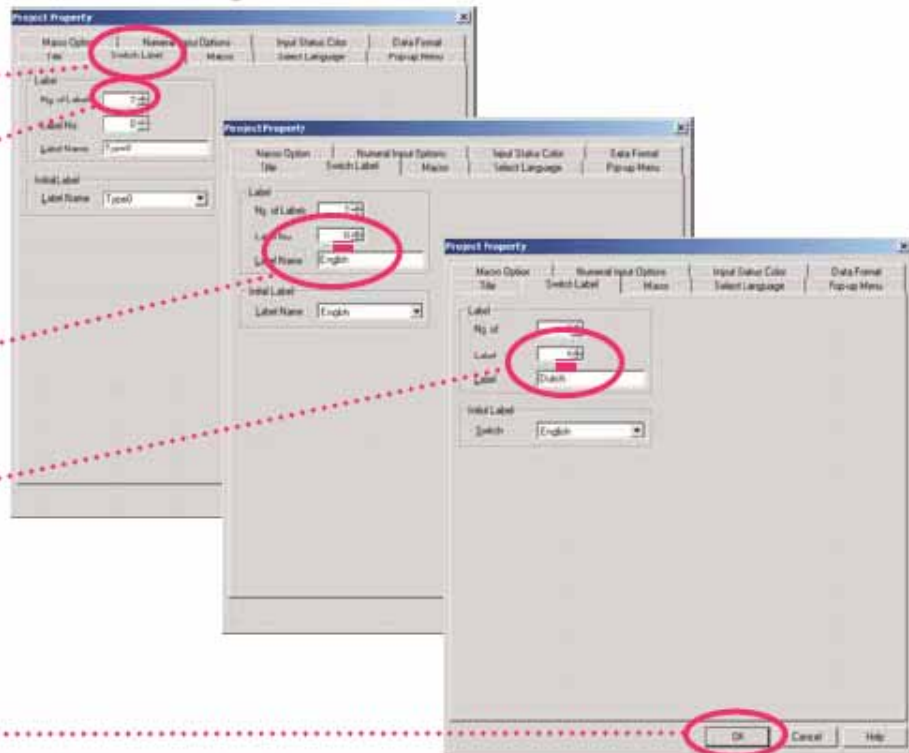


SWITCH LABEL

No of label

LABEL NO 0
ENGLISH
LABEL NAME

LABEL N 1
DUTCH
LABEL NAME



Start up
CX-D

Creating a
new project

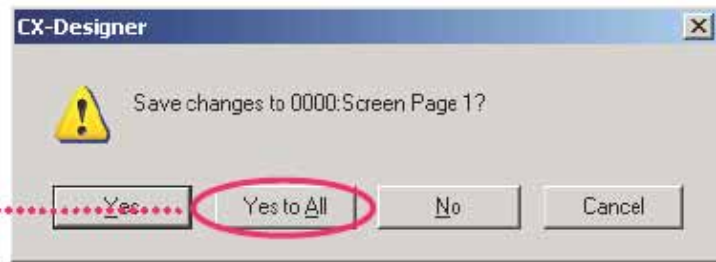
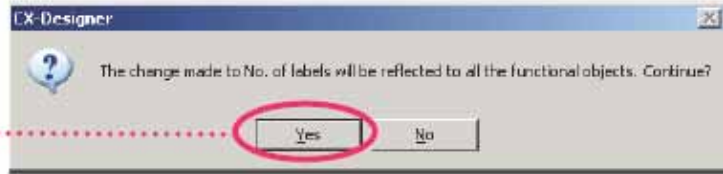
Project
property

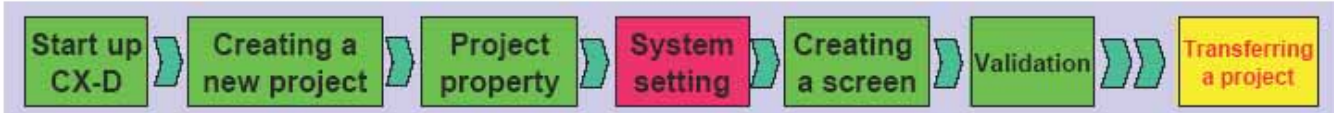
System
setting

Creating
a screen

Validation

Transferring
a project

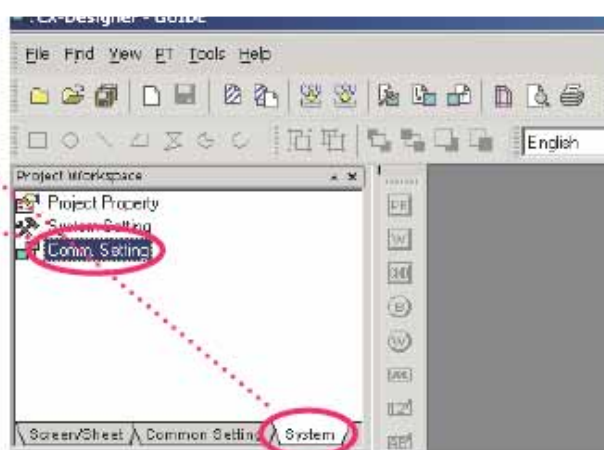




PLC NS
PLC

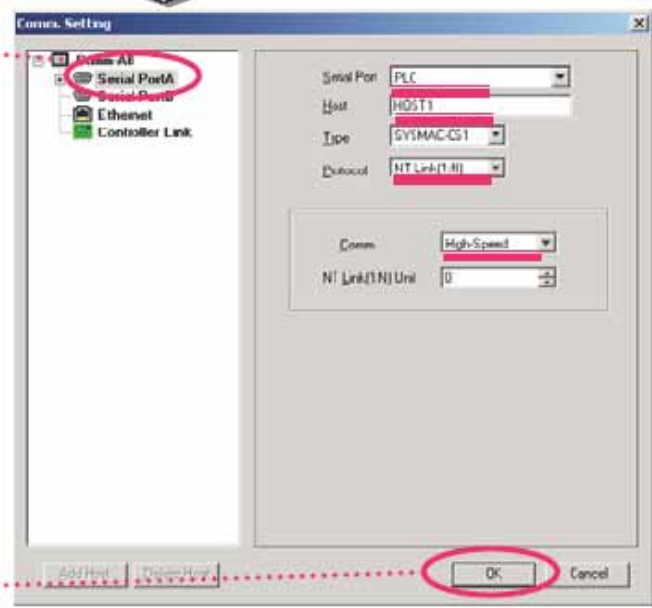
A

system
comm. Setting

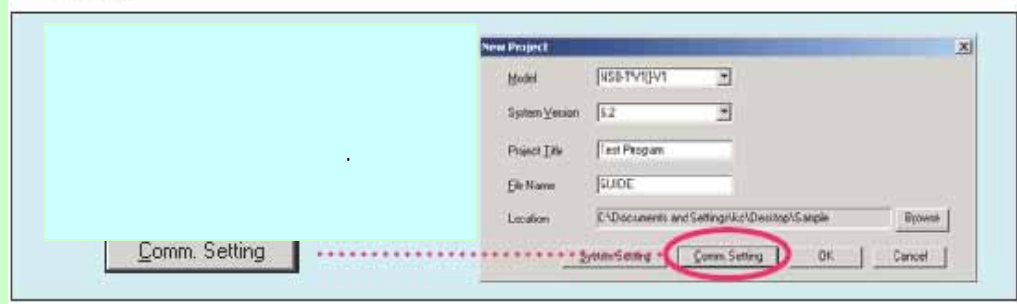


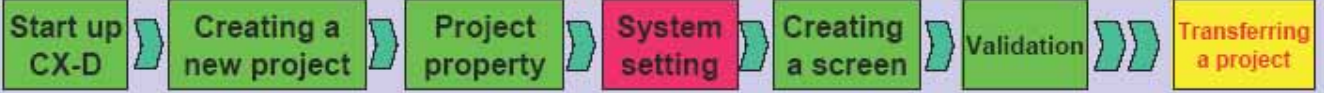
serial port A

SERIAL PORT:
PLC
HOST NAME:
HOST1
PROTOCOL:
NT LINK(1:N)
COMM.SPEED:
HIGH SPEED



<Note>





PLC NS

System memory area

PLC NS

(host) NS

system memory

PLC area

system

system setting

word

plc

:



Initial

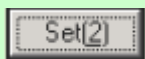


Host name : Host1

Word : 0
Area Type : Data
memory(DM)

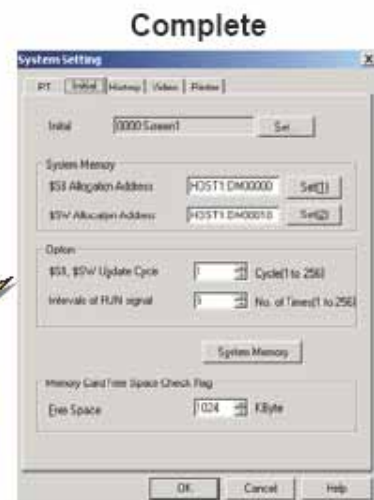
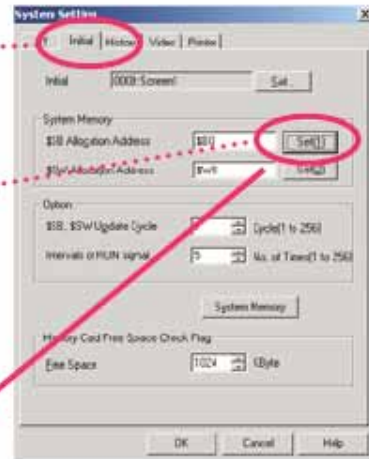
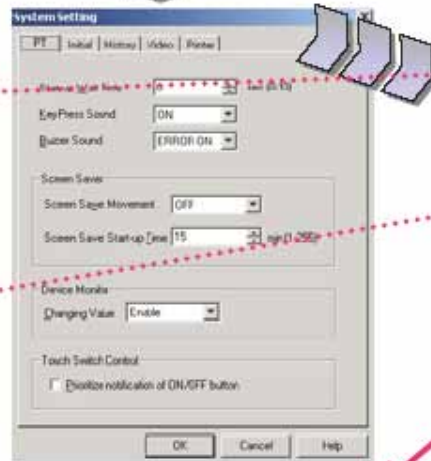
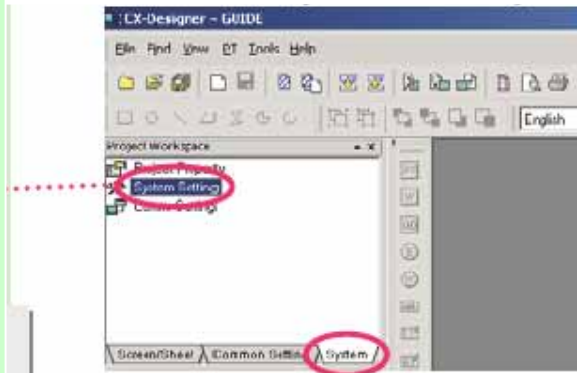


Set2



Host name :Host1

Word : 10
Area Type : Data
memory(DM)



با این تنظیمات یک مقدار فعلی
روی DM10 نشان داده می
شود

Start up
CX-D

Creating a
new project

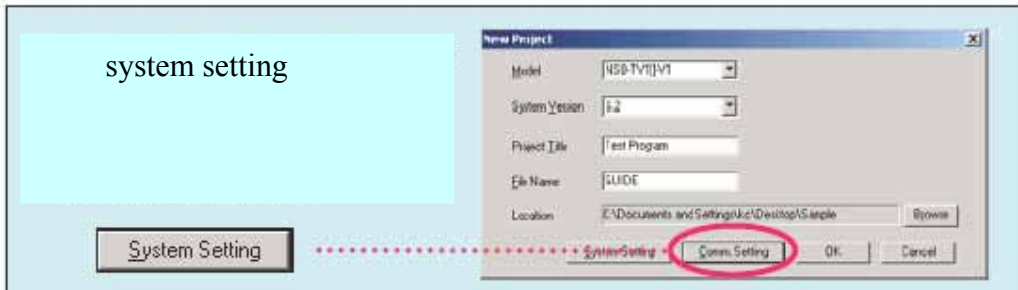
Project
property

System
setting

Creating
a screen

Validation

Transferring
a project



Start up
CX-D

Creating a
new project

Project
property

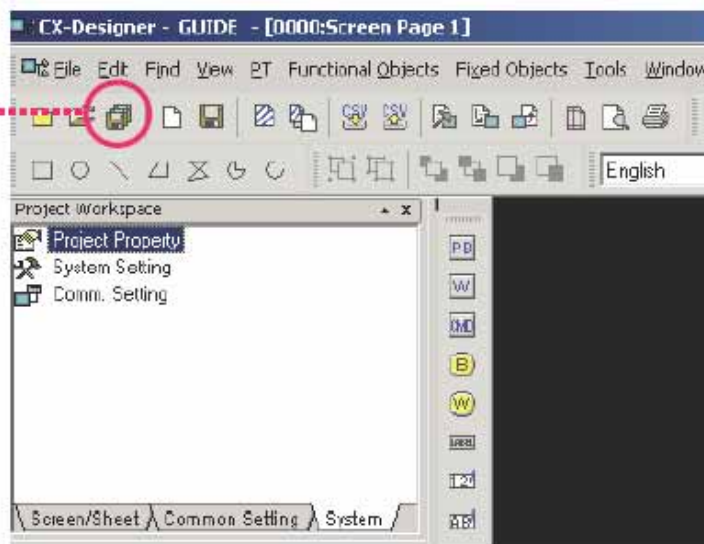
System
setting

Creating
a screen

Validation

Transferring
a project

screen/sheet system setting



Start up CX-D

Creating a new project

Project property

System setting

Creating a screen

Validation

Transferring a project

screen

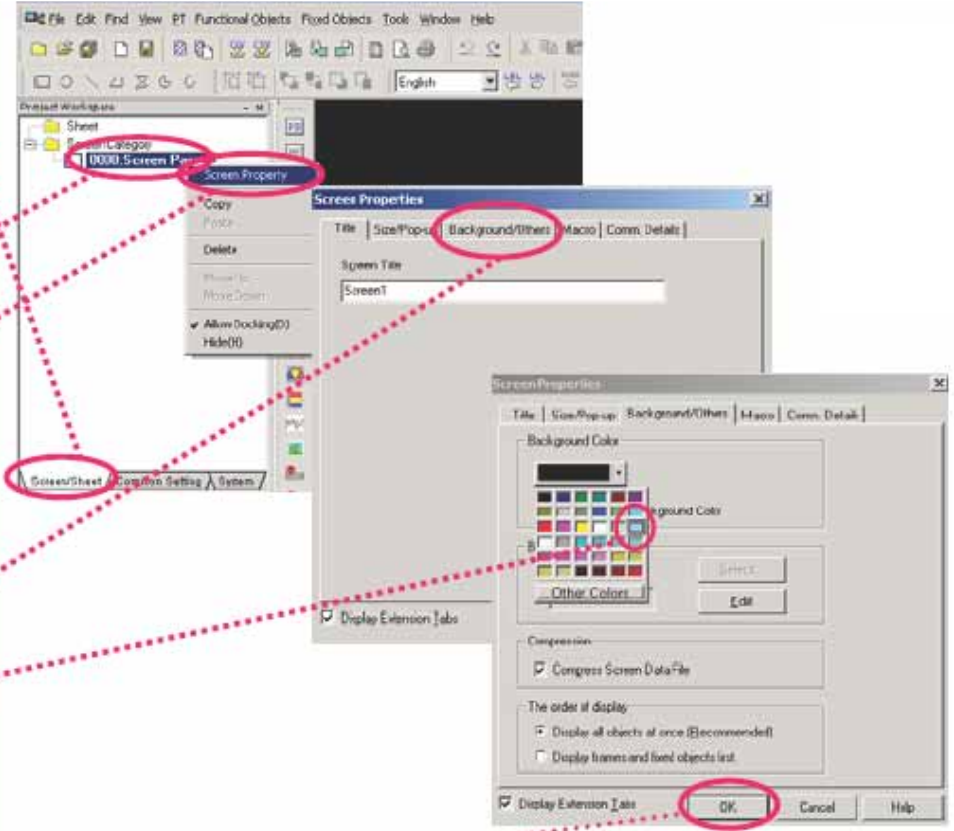
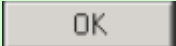
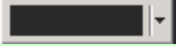
در محیط کاری روی
Screen/sheet کلیک کنید

روی screen page 1
راست کلیک کنید

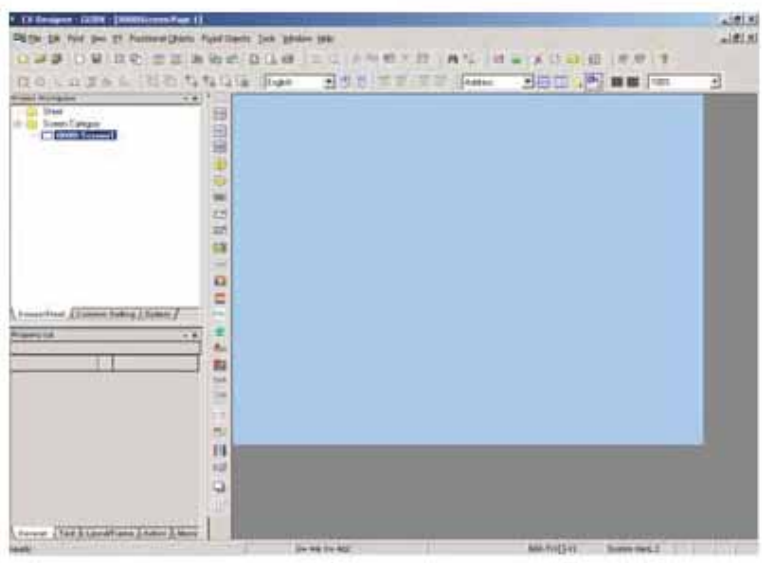
روی
screen propertis
منوی باز شده کلیک کنید

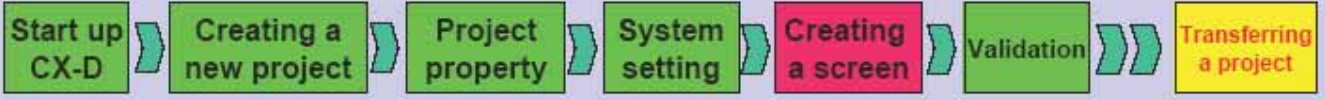
screen property

Background/Other



تصویر کامل شد



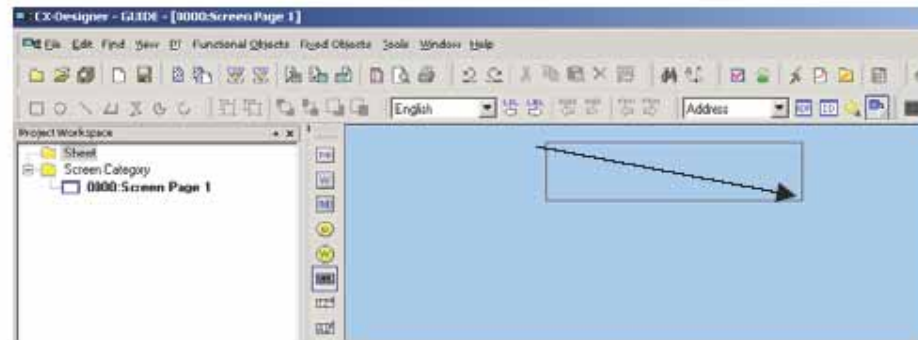


text object.

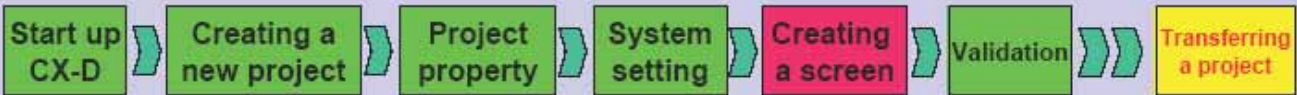
text object
Text object



text



text object



Property list بوسیله
 کلیک کردن روی
 text object نشان داده
 می شود

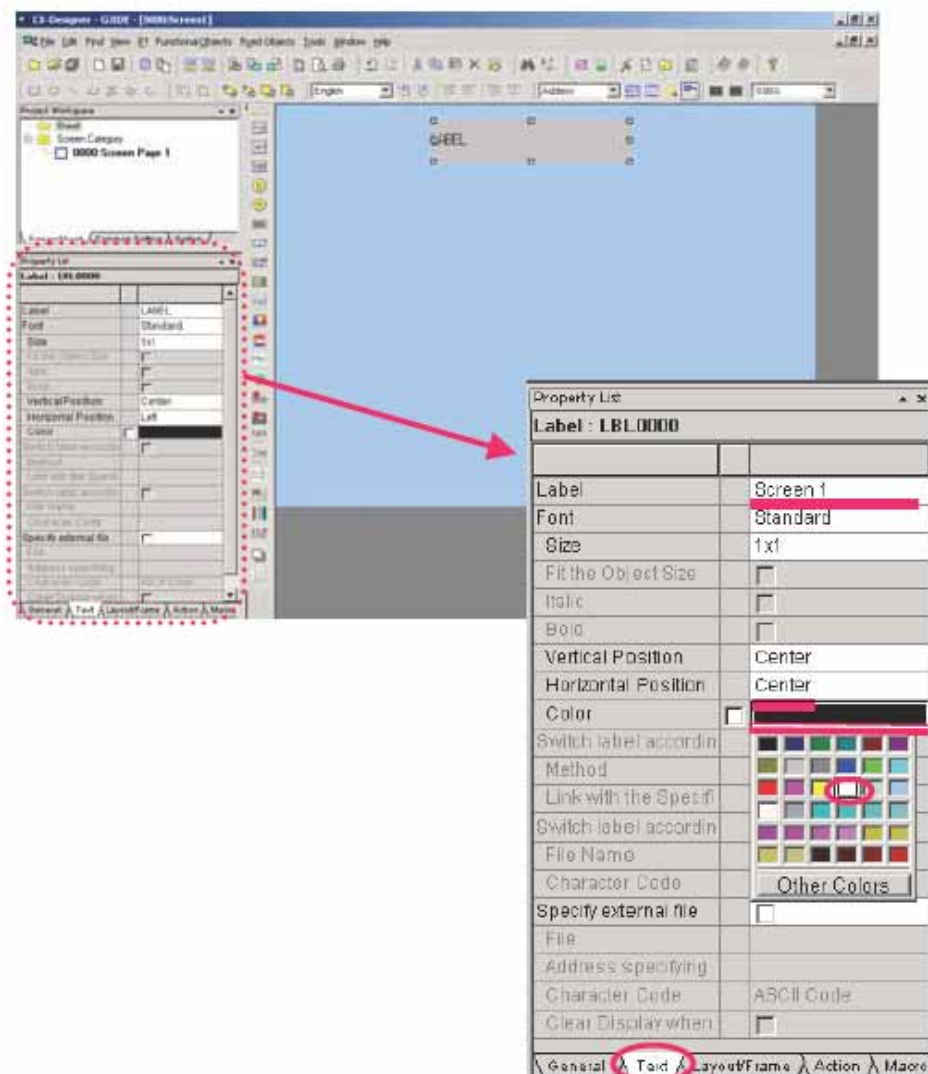
property list

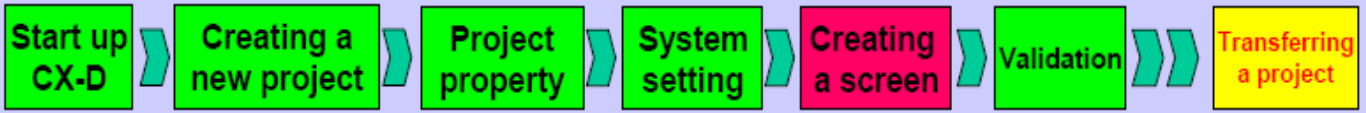
:

Label : screen1

Vertical Position :
 center

HorizontalPosition
 :center

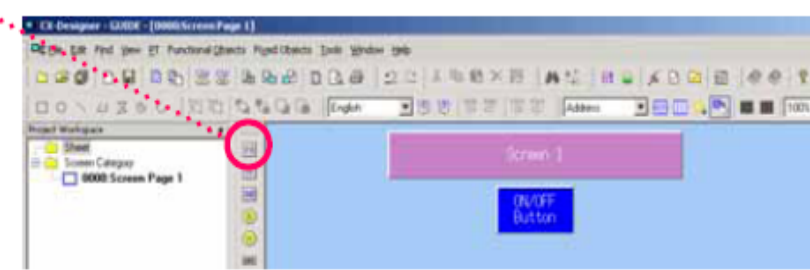
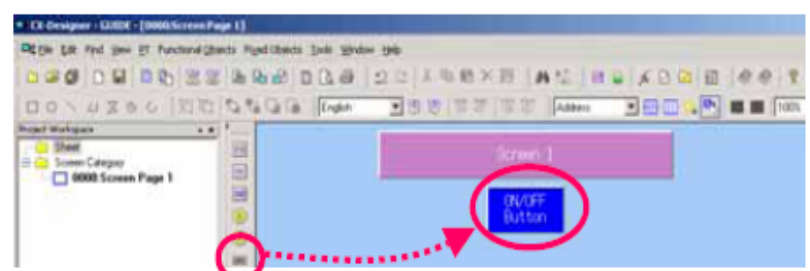




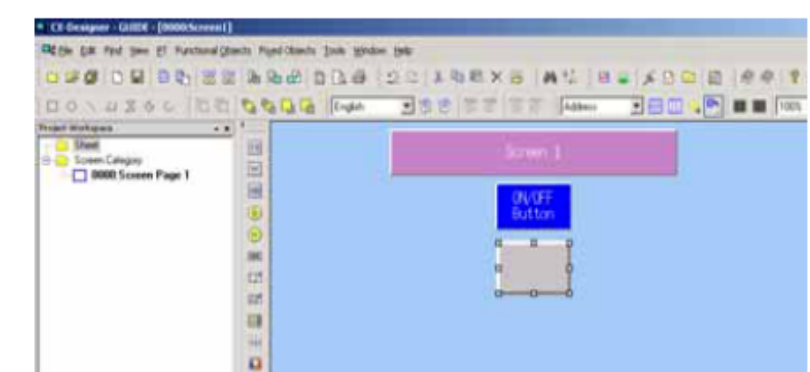
10-on/off button

screen ON/OFF Button
 ON/OFF Button
 on/off

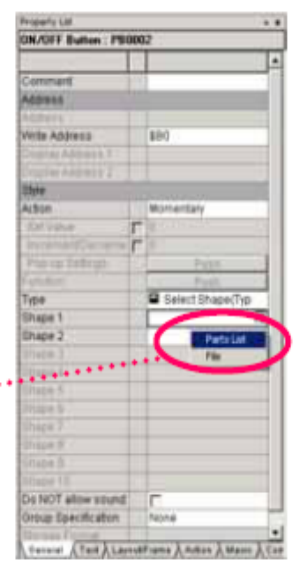
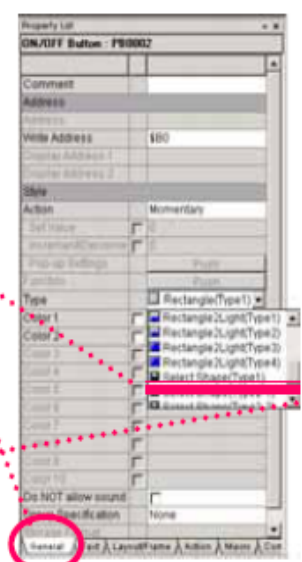
text
 "display a text"
 on/off

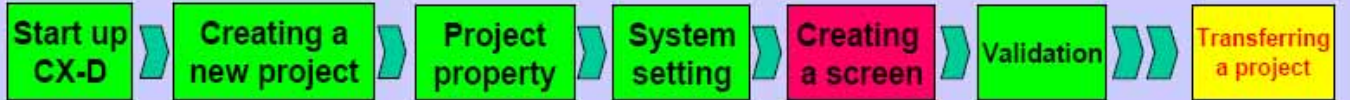


text

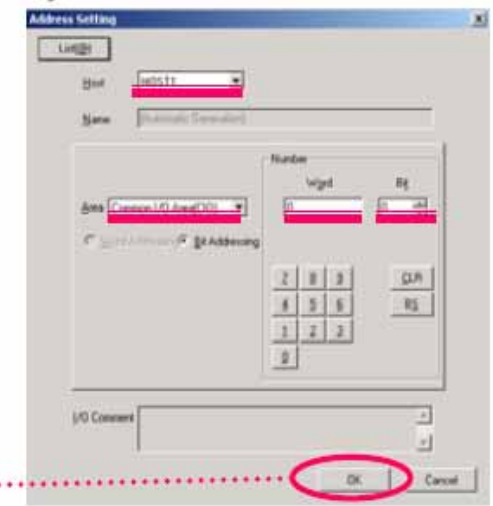
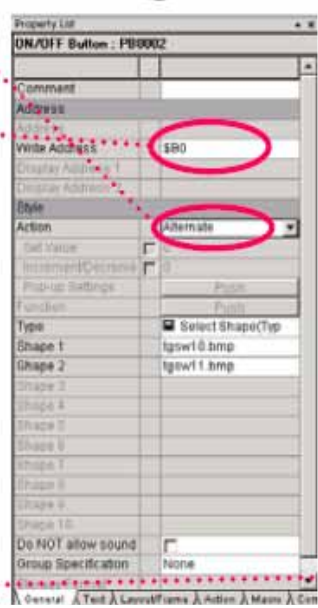
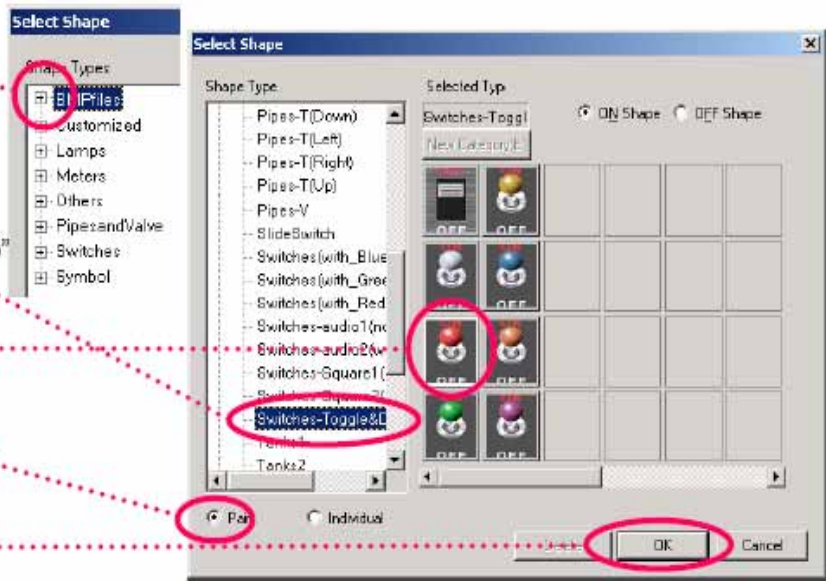


General
 [type]
 "select shape(type1)"
 "shape1"
 "part list"

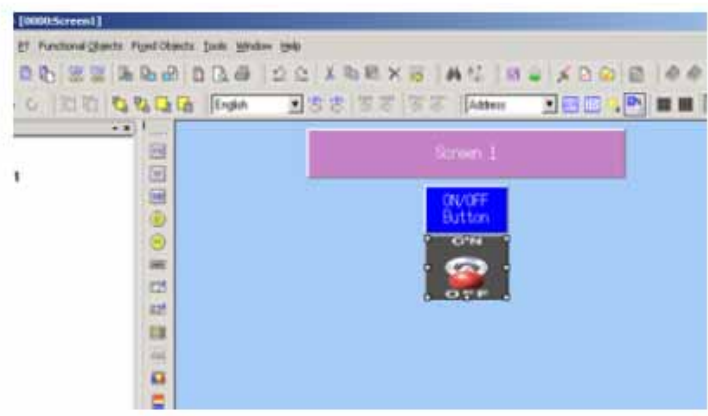




+
 BMP
 "switches_toggle&dip
 " :&Dip"
 BMP
 [pair]
 ok
 OK
 [action]
 on/off
 alternate
 [write address]
 Host
 → [HOST1]
 Area
 → [Common I/O Area (CIO)]
 Word
 → [0]
 Bit
 → [0]
 ok
 OK



تصویر کامل شد.



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

Transferring
a project

ON/OFF

(button)

[Repeat]

[Qty]

Horizontal → [1]

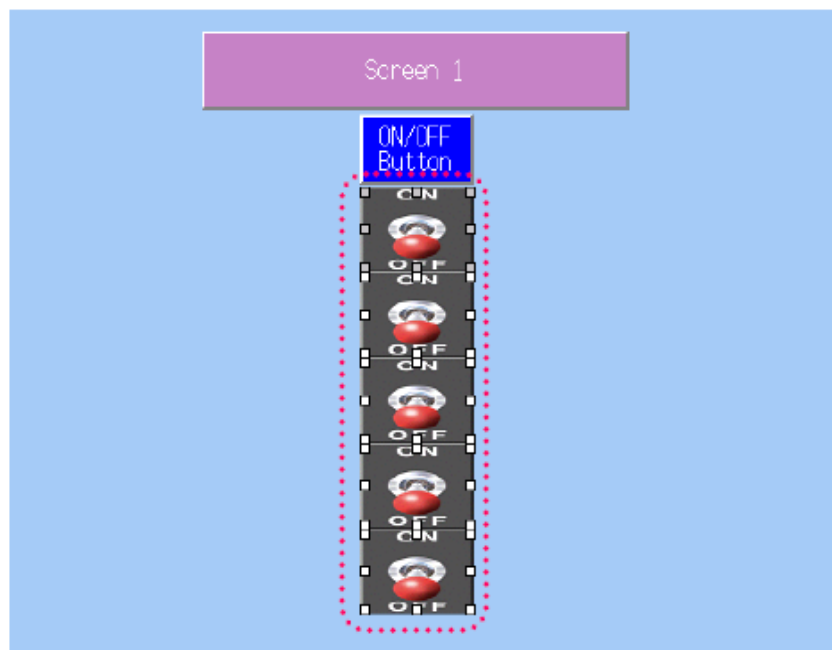
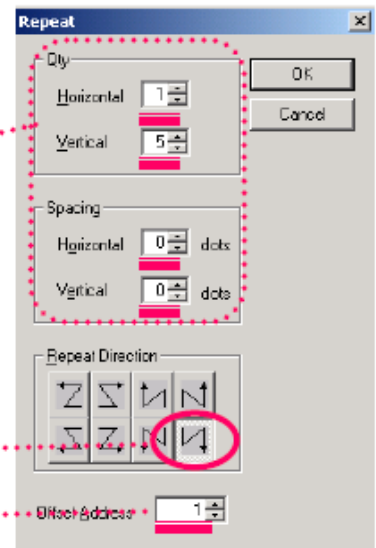
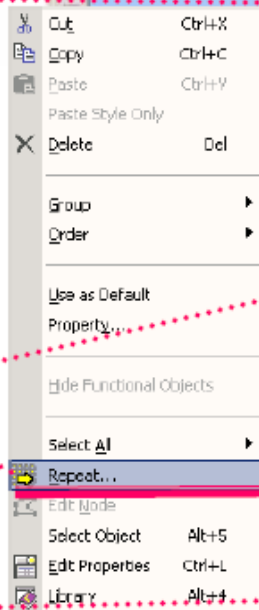
Vertical → [5]

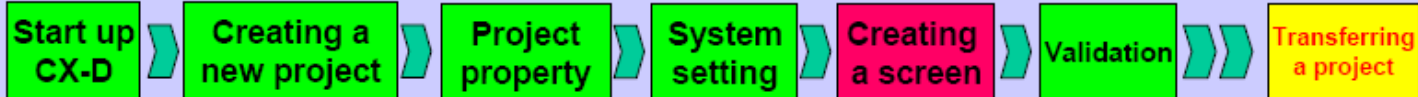
[Spacing]

Horizontal → [0]

Vertical → [0]

Offset address





Property list

< توجه >

properties

on/off button

"edit properties"

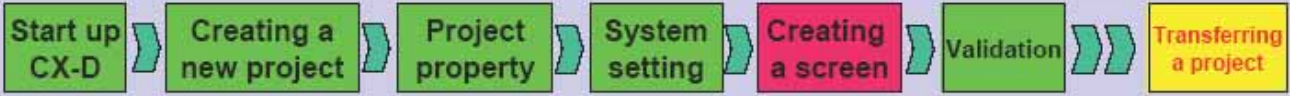
(label)

"

Object Name	ID	Object Co	Address			
			Communication Address	Communication Address	Write Address	Display Address
ON/OFF Button	PB0002				HOST1:00000.00	
ON/OFF Button	PB0003				HOST1:00000.01	
ON/OFF Button	PB0004				HOST1:00000.02	
ON/OFF Button	PB0005				HOST1:00000.03	
ON/OFF Button	PB0006				HOST1:00000.04	

ON/OFF Button | Display Item Setting

Apply OK Cancel Help



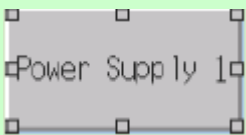
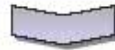
(text)

Repeat

text object

text

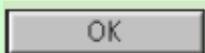
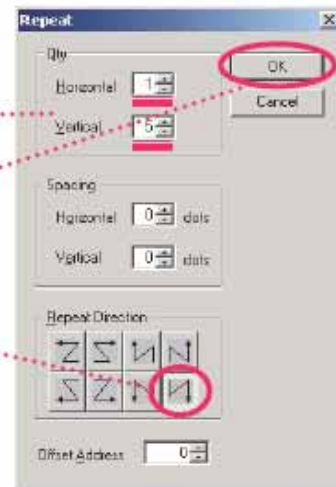
: text [lebal]
 Lebal
 : text[Lebal] پاييني
 Power Supply1

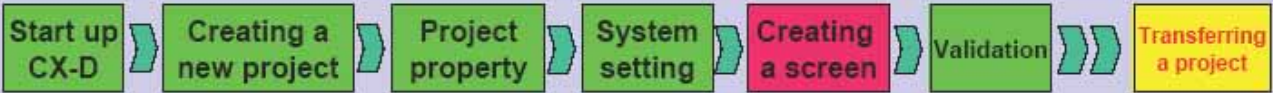


روي گزینه Repeat از منوي باز شده كليك كنيد



در قسمت Qty
 Horizontal : 1
 Vertical : 5





Power Supply 1

Label

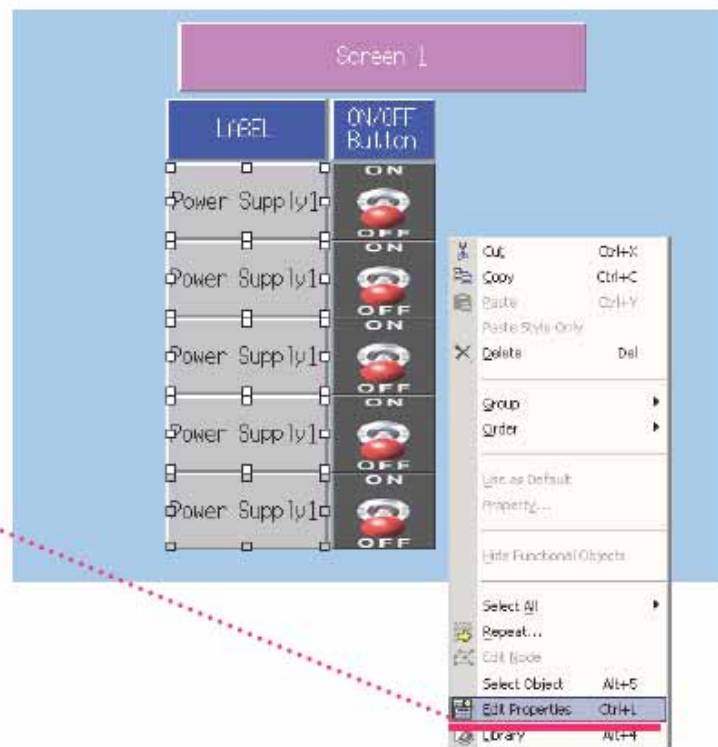


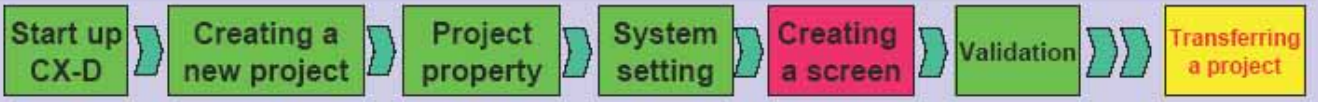
text



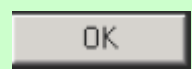
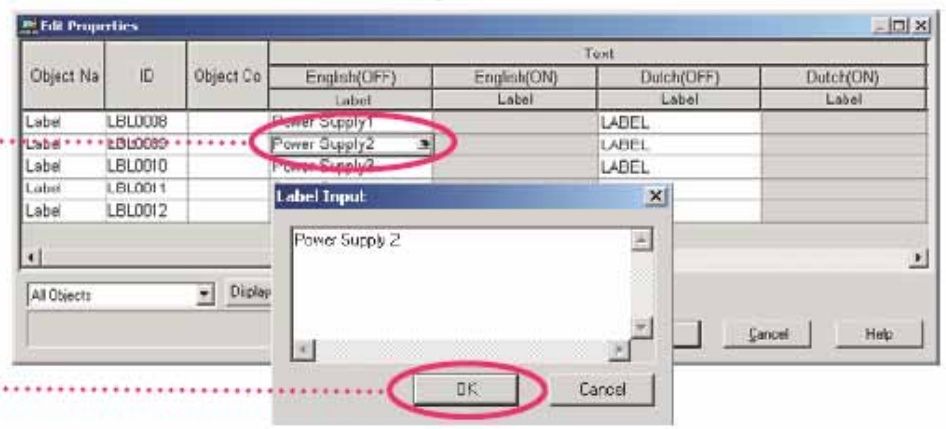
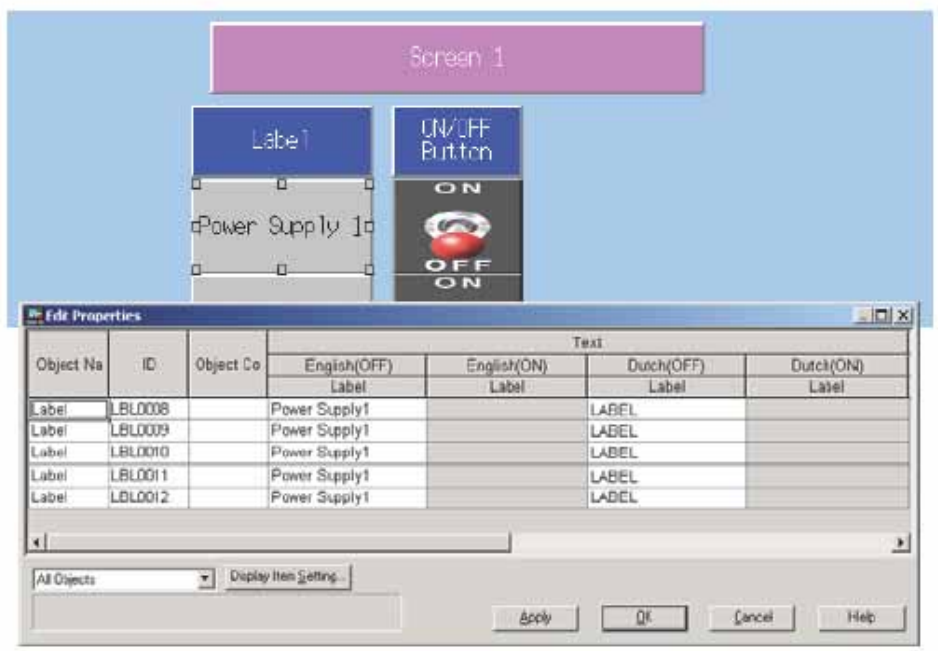
text

Edit properties



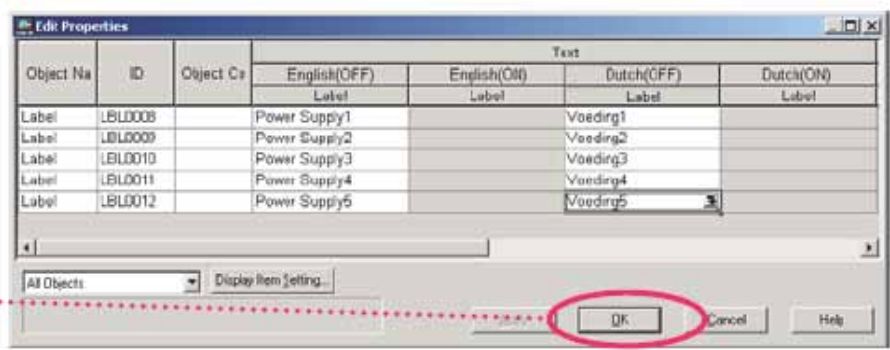
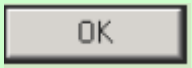


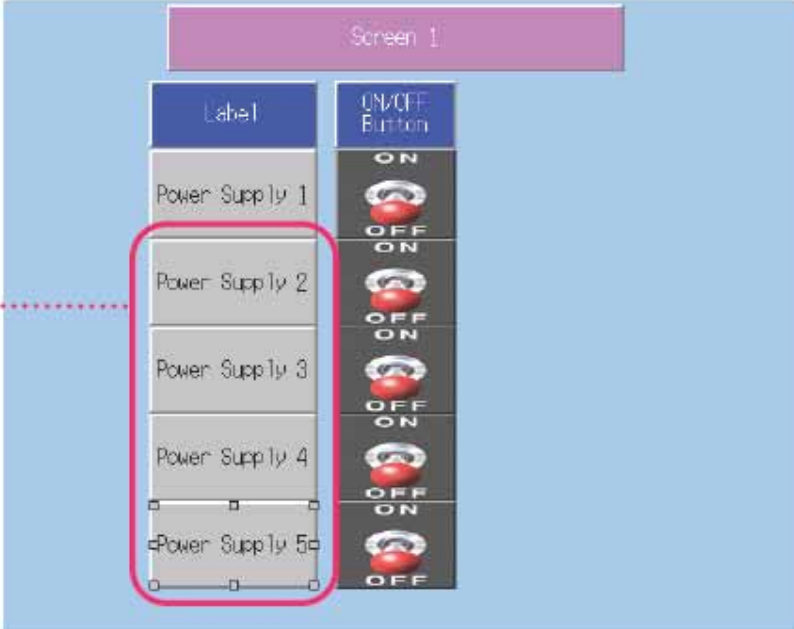
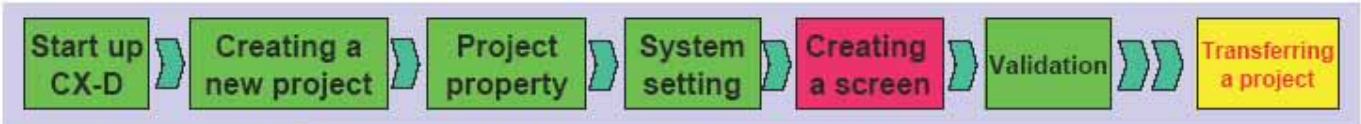
Edit properties
text



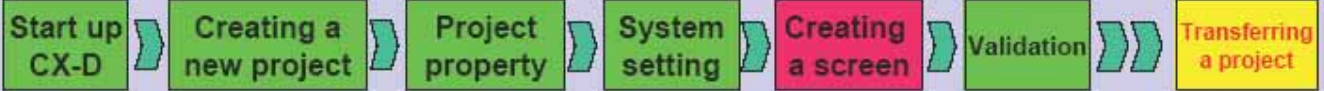
English(off):
Pwer Supply1 -5

Dutch(off) :
Voeding1-5





Label



12.Bit lamp

Lebal

Bit Lamp



property list

Display



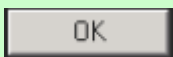
Address1

Host :Host1
Area: common
I/O area(CIO)

Word : 0

Bit : 0

OK



select type

type

Screen

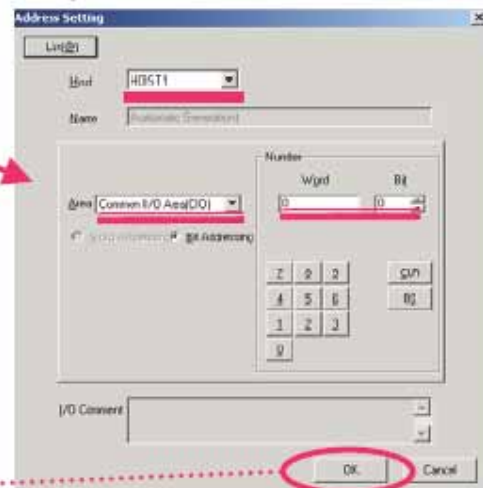
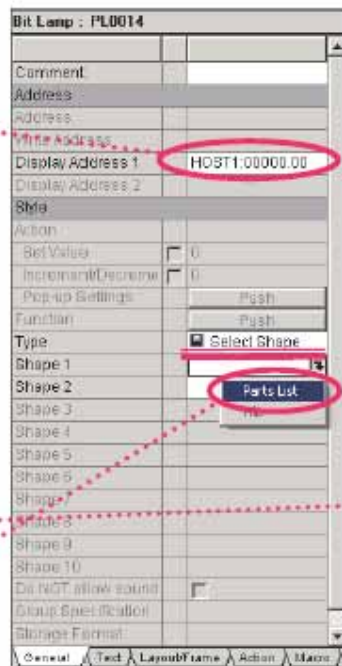
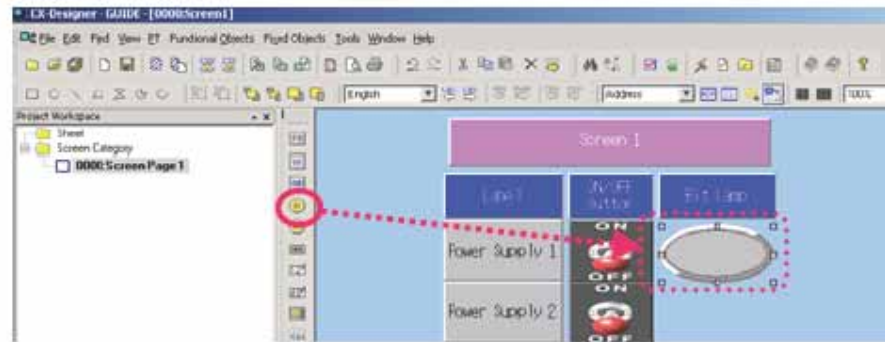
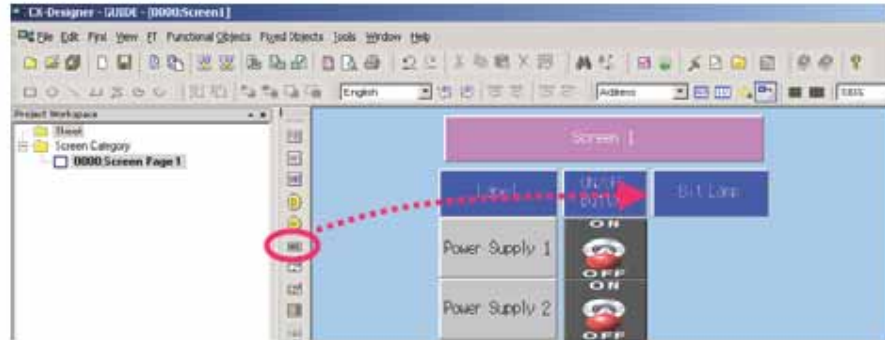
bit lamp

on/off

Bit lamp

on/off

bit map



Start up
CX-D

Creating a
new project

Project
property

System
setting

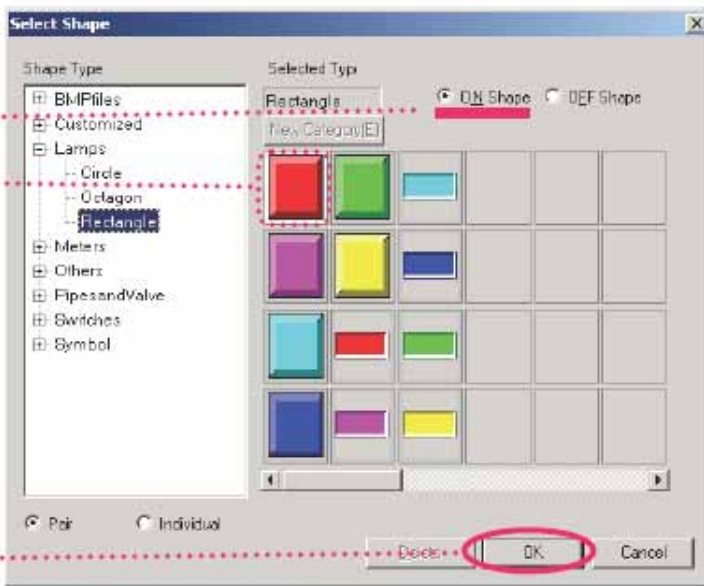
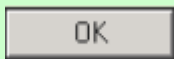
Creating
a screen

Validation

Transferring
a project

روي Shape ON كليك
كنيد
شكل دلخواه را انتخاب
كنيد

OK



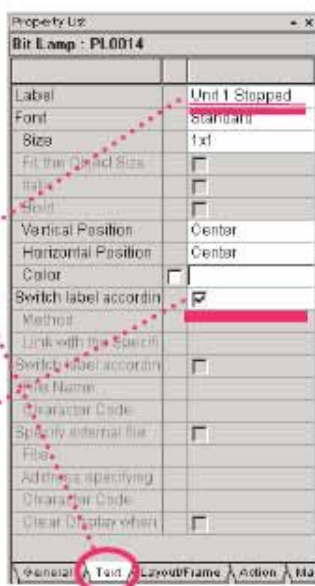
property list

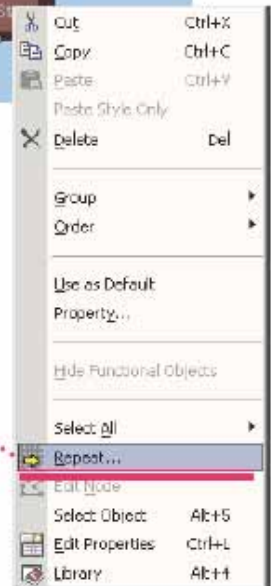
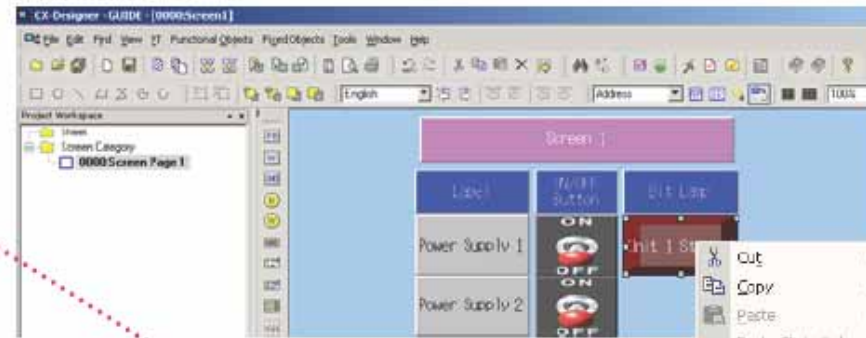
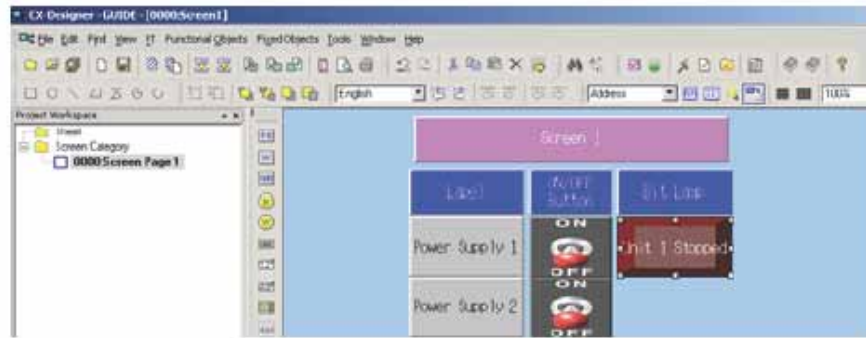
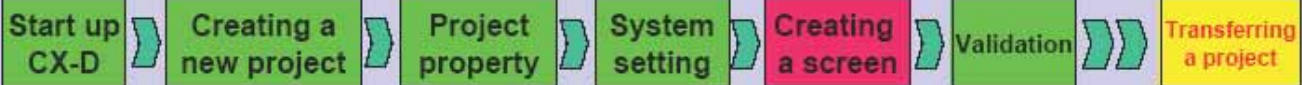
:

Text

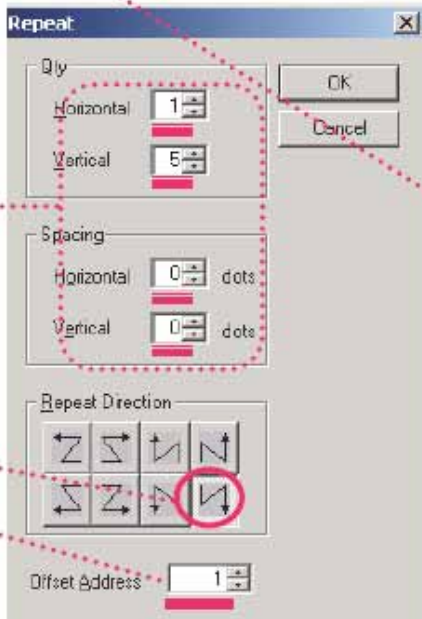
Label
Unit 1 stopped

switch according..



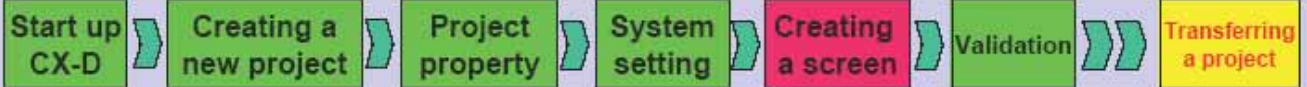


و از منوی باز شده
گزینه Repeat را
انتخاب کنید



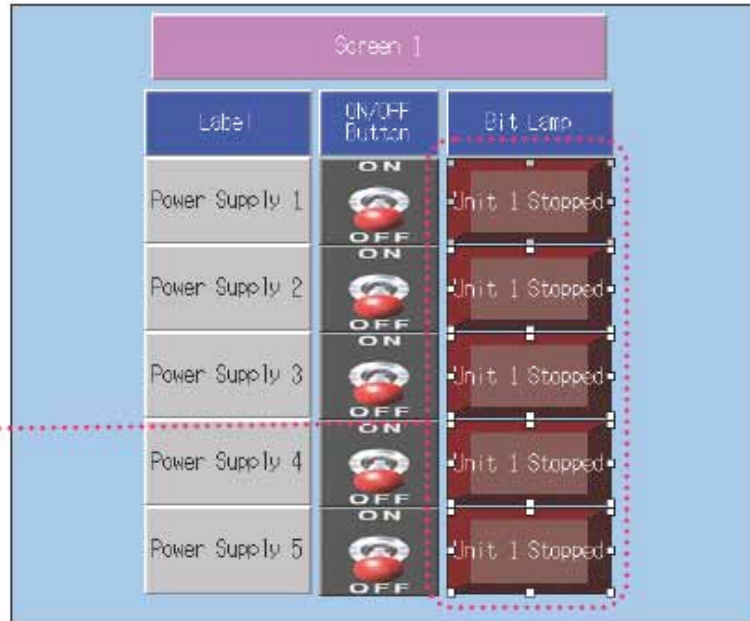
Qty :
Horizontal : 1
Vertical : 5
Spacing :
Horizontal : 0
Vertical : 0

Offset Address : 1

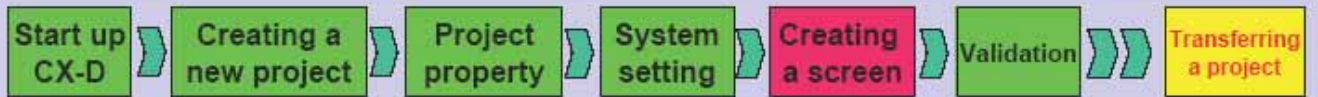


Bit Lamp

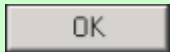
Edit Properties



- Cut Ctrl+X
- Copy Ctrl+C
- Paste Ctrl+V
- Paste Style Only
- Delete Del
- Group
- Order
- Use as Default
- Property...
- Hide Functional Objects
- Select All
- Repeat...
- Edit Mode
- Select Object Alt+H
- Edit Properties Ctrl+L**
- Library Alt+H



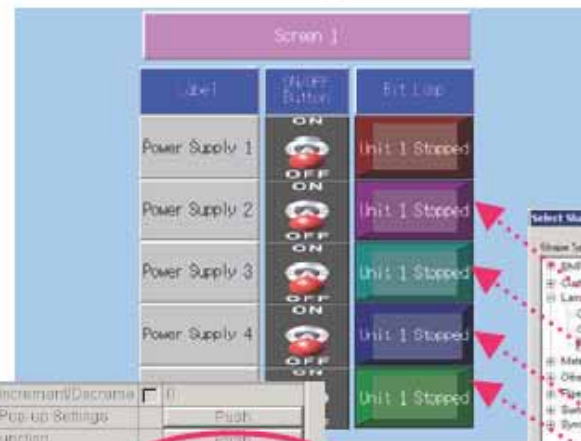
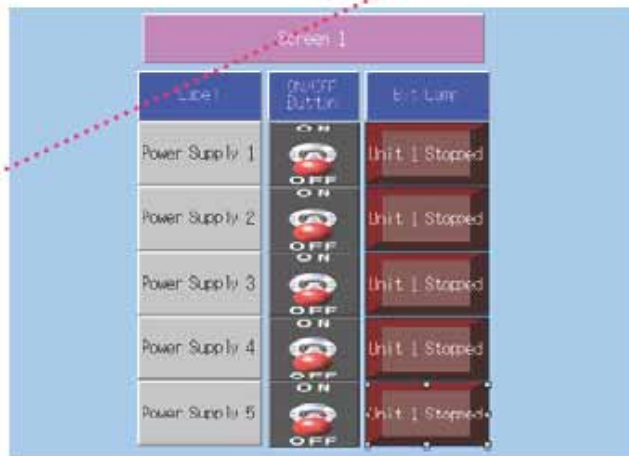
English(OFF) :
 Unit 1 Stopped
 Unit 5 Stopped
 English(ON) :
 Unit 1 Running
 Unit 5 Running
 Dutch(OFF) :
 Unit 1 Inactief
 Unit 5 Inactief
 Dutch(ON) :
 Unit 1 Actief
 Unit 5 Actief



OK

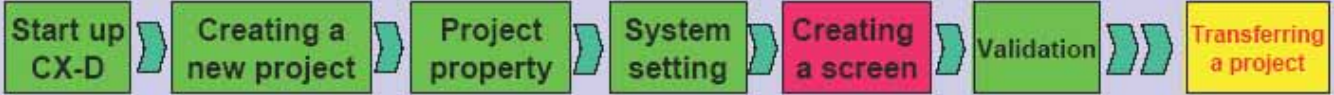
Bit Lamp

Object Na	ID	Object Co	Text			
			English(OFF) Label	English(ON) Label	Dutch(OFF) Label	Dutch(ON) Label
Bit Lamp	PLD014		Unit 1 Stopped	Unit 1 Running	Unit1 Inactief	Unit1 Actief
Bit Lamp	PLD015		Unit 2 Stopped	Unit 2 Running	Unit2 Inactief	Unit2 Actief
Bit Lamp	PLD016		Unit 3 Stopped	Unit 3 Running	Unit3 Inactief	Unit3 Actief
Bit Lamp	PLD017		Unit 4 Stopped	Unit 4 Running	Unit4 Inactief	Unit4 Actief
Bit Lamp	PLD018		Unit 5 Stopped	Unit 5 Running	Unit5 Inactief	Unit5 Actief



Property List
 Unit5 Unit 1
 Unit1 Stopped

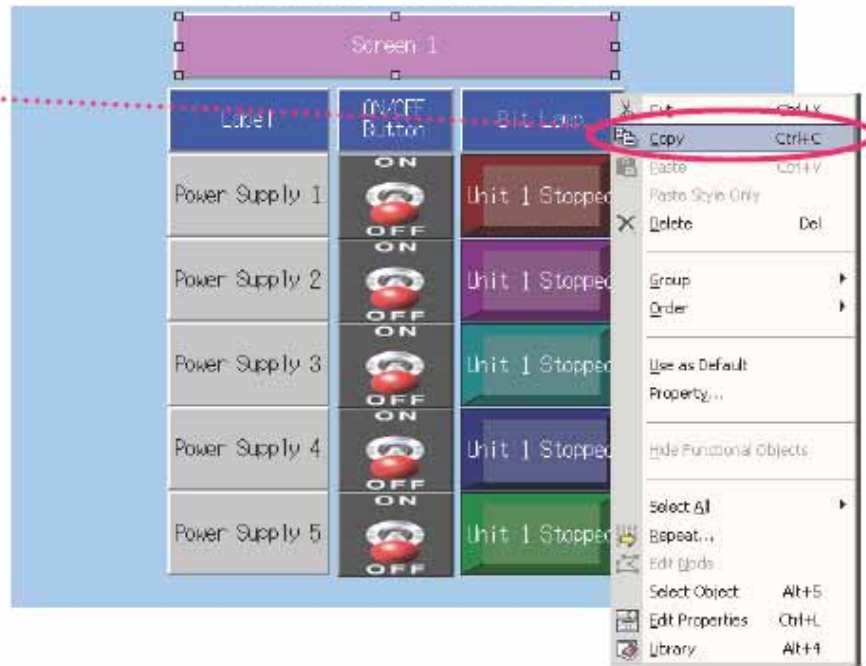




Titl Lebal

title label

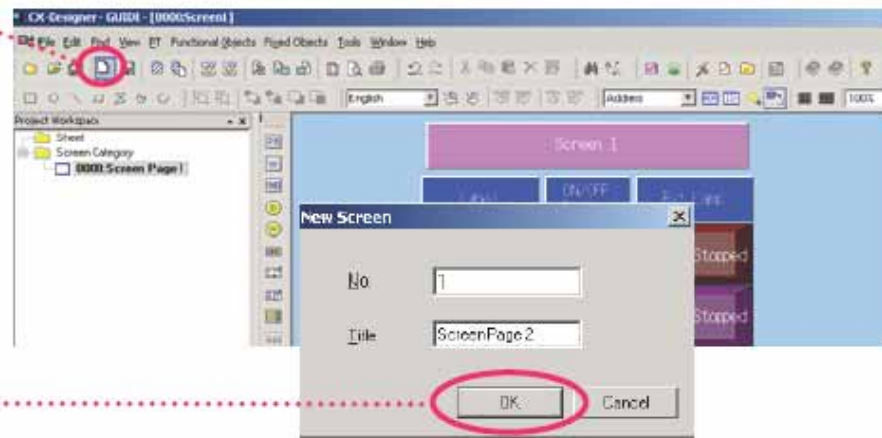
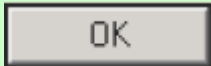
copy



New Screen

Screen 2 Titl

OK



Start up
CX-D

Creating a
new project

Project
property

System
setting

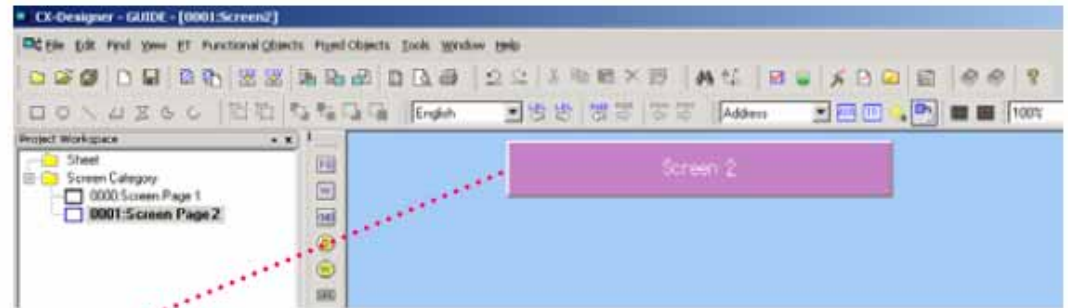
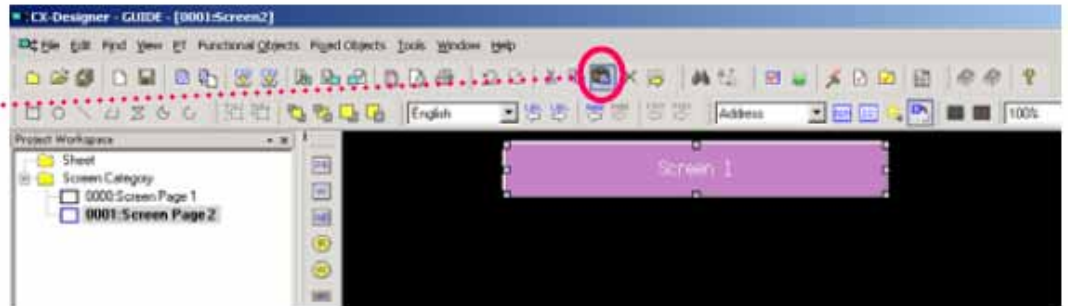
Creating
a screen

Validation

Transferring
a project



or [Ctrl] + [V]



screen property

screen

text
Property list

[label]
Screen2

Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

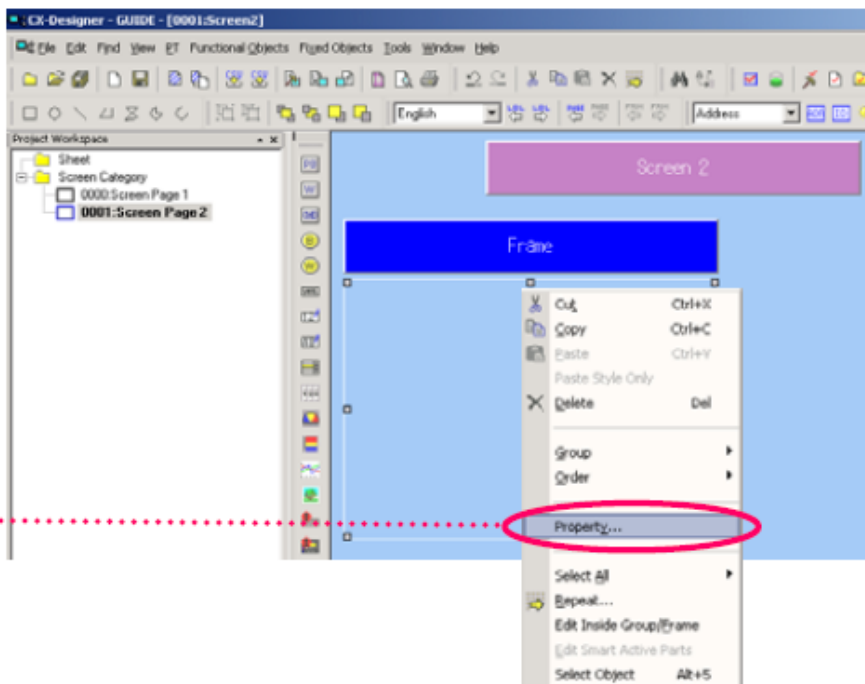
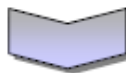
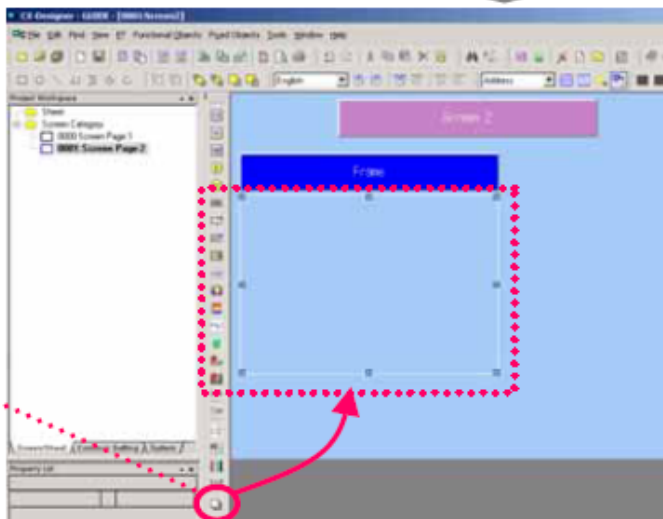
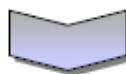
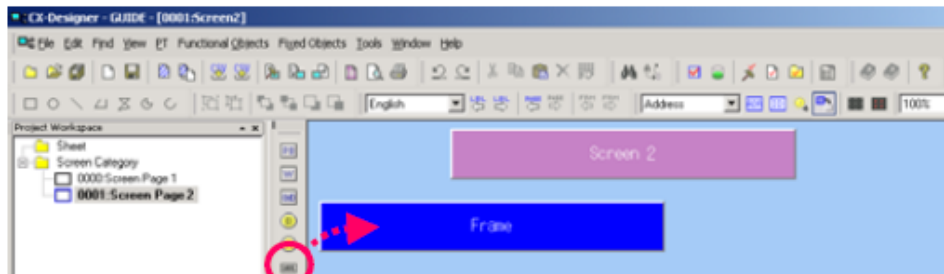
Validation

Transferring
a project

14.frame

label

[Label]
→ "Frame"



property

Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

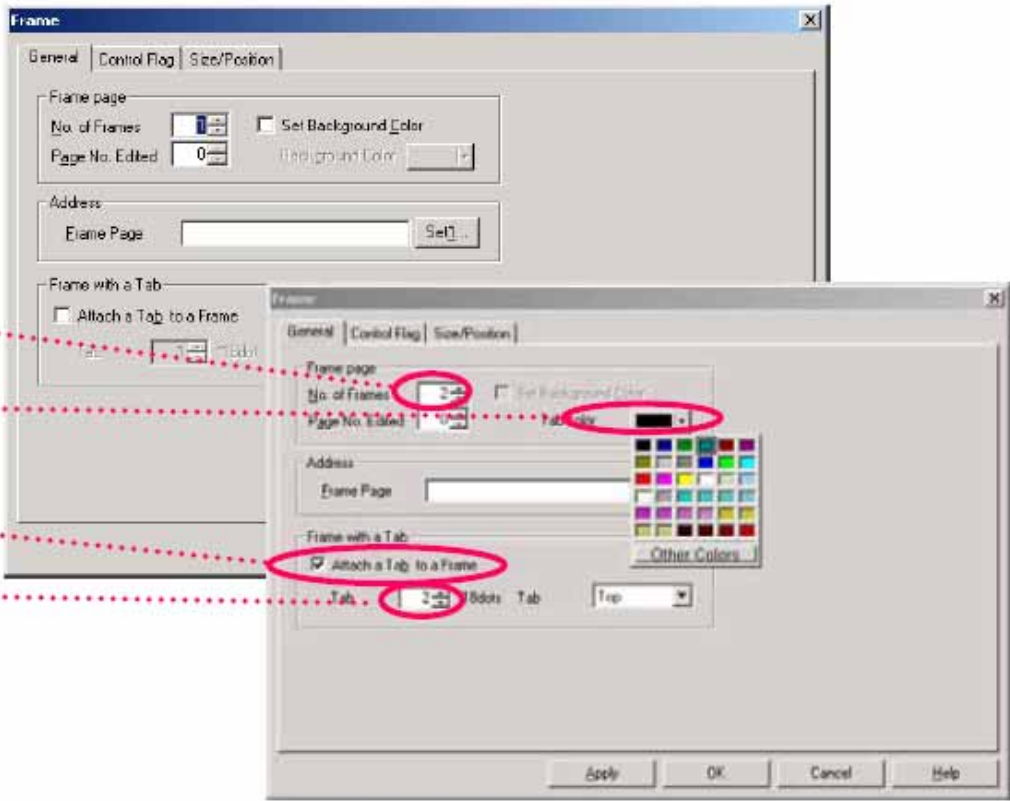
Validation

Transferring
a project

[No. of Frames]
→ "2"

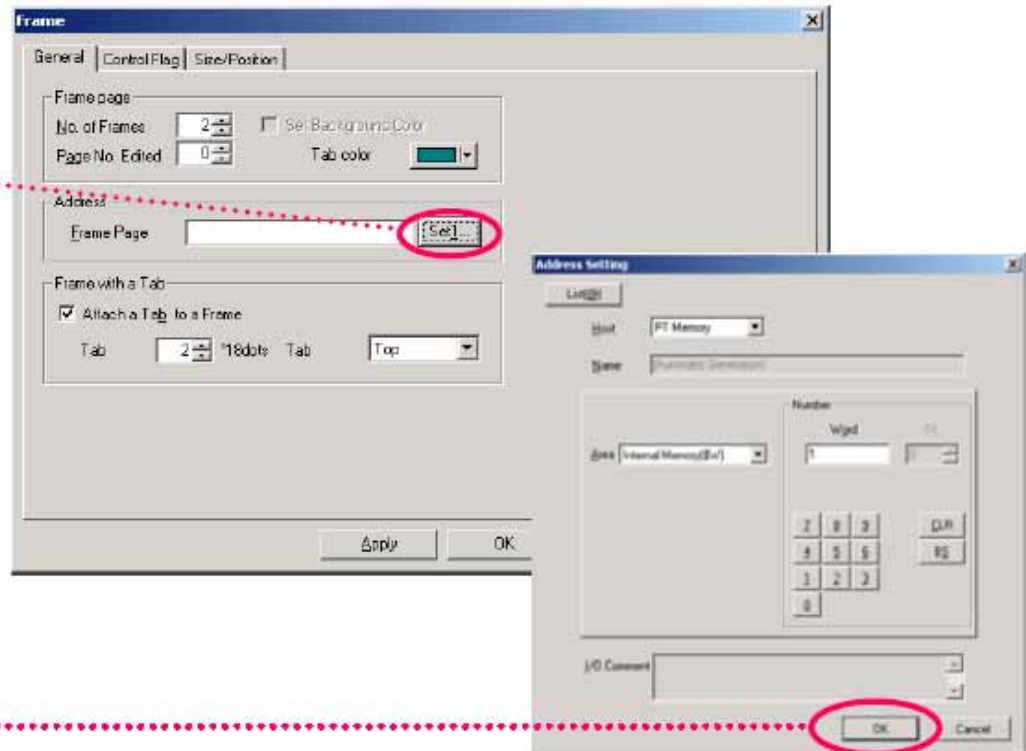
[frame with a tab]

[Height] → "2"



Set1...

Host Name
→ [PT memory]
Area Name
→ [Internal memory
(SW)]
Word
→ [1]



OK

Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

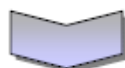
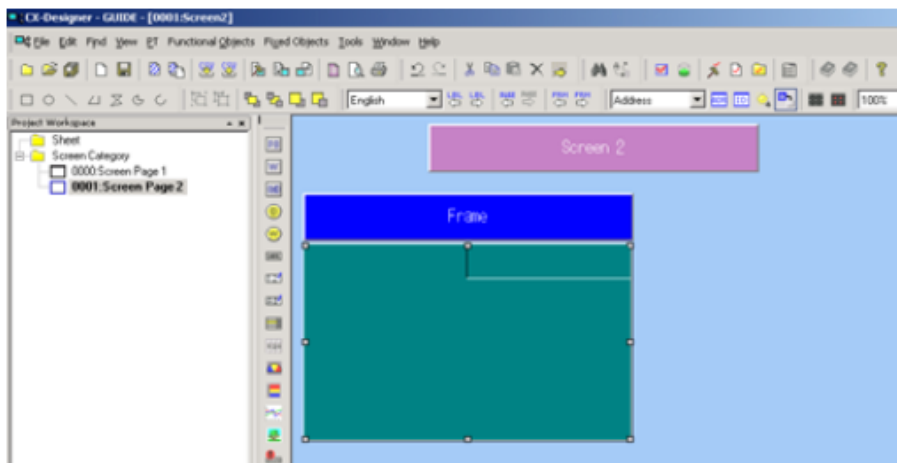
Transferring
a project

ok

OK



label



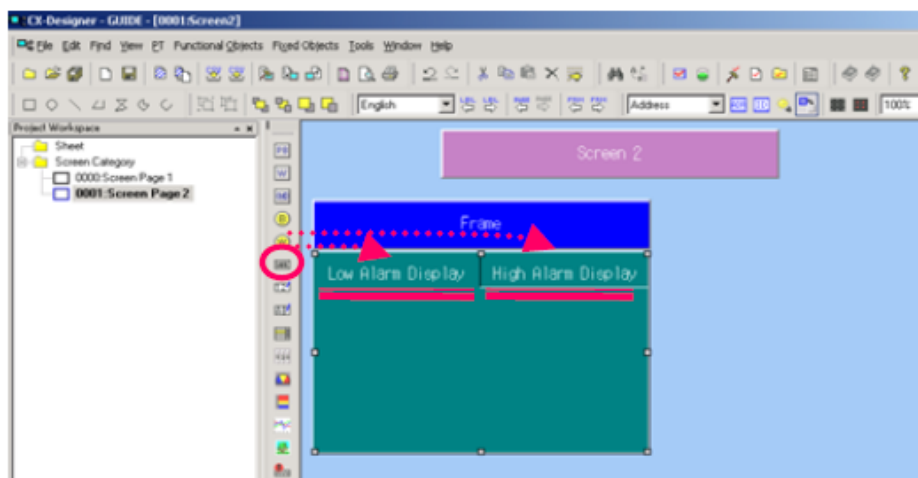
[label]

Light alarm display

background

Title background

label



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

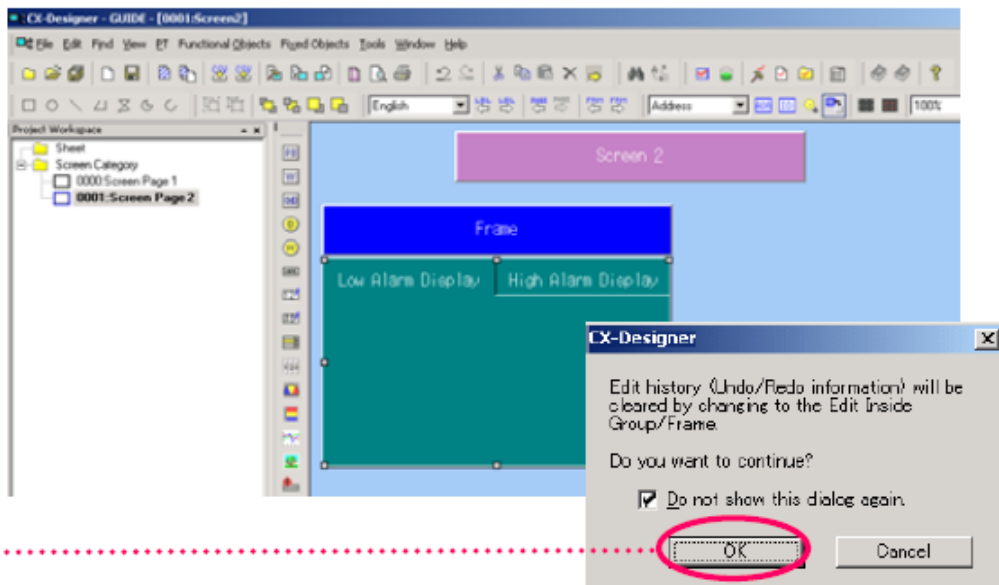
Transferring
a project

double

Do not show this dialog
again

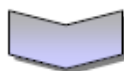
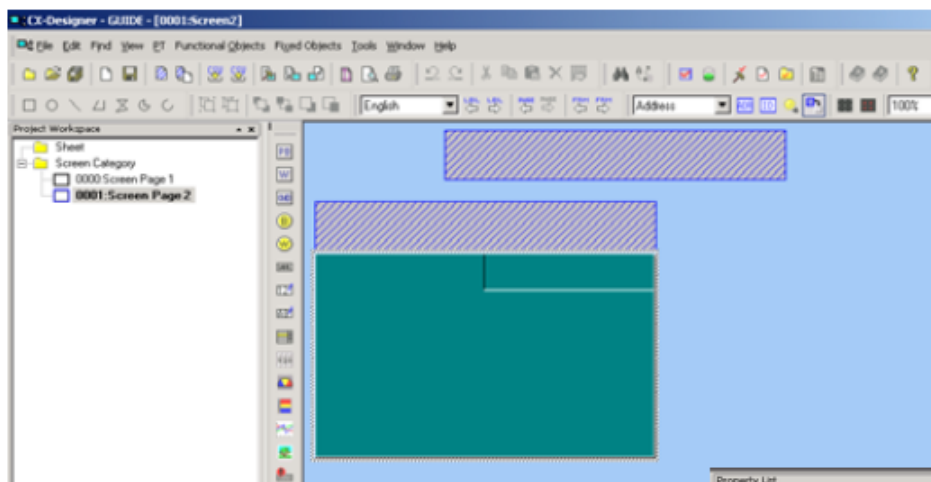
ok

OK



(bit lamp)

(display address1)
property list

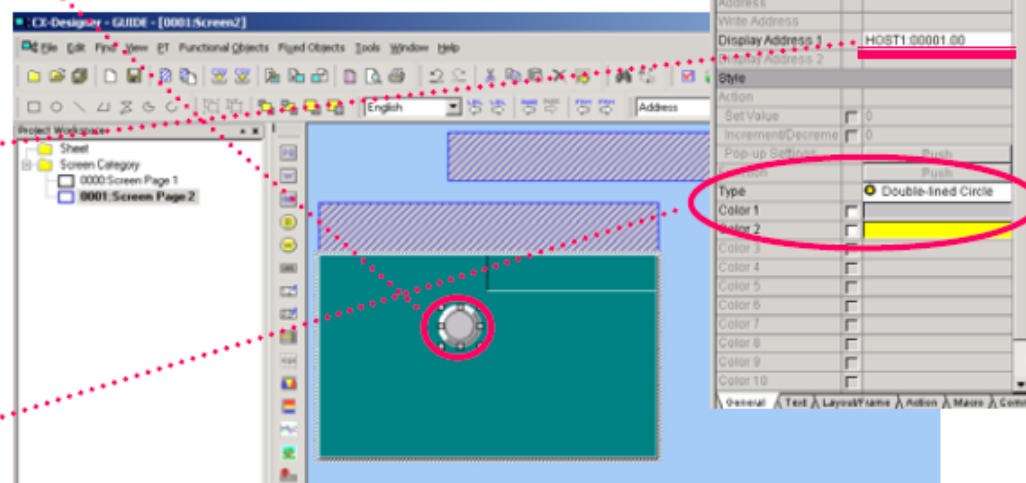


Host
→ [HOST 1]
Area Name
→ [Common I/O Area
(CIO)]
Word
→ [1]
Bit
→ [0]

type

double lined circle
color1

color2



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating a
screen

Validation

Transferring
a project

bit lamp

[Qty]
Horizontal
→ "2"
Vertical
→ "3"
[Spacing]
Horizontal
→ "125"
Vertical
→ "6"

Offset

ok

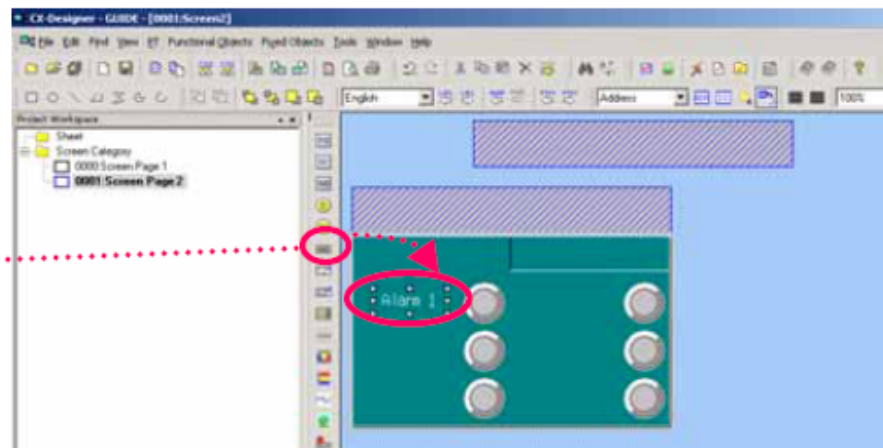
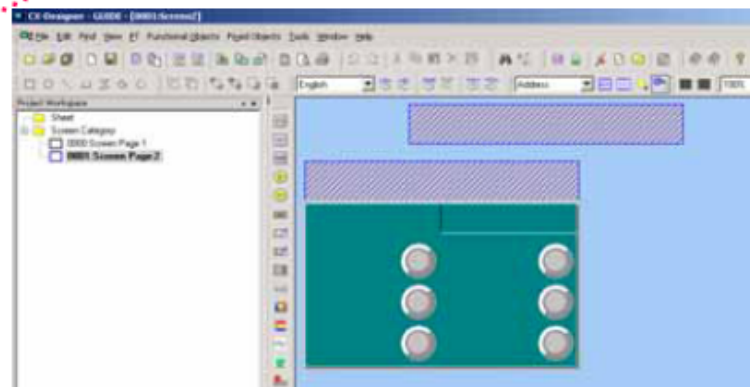
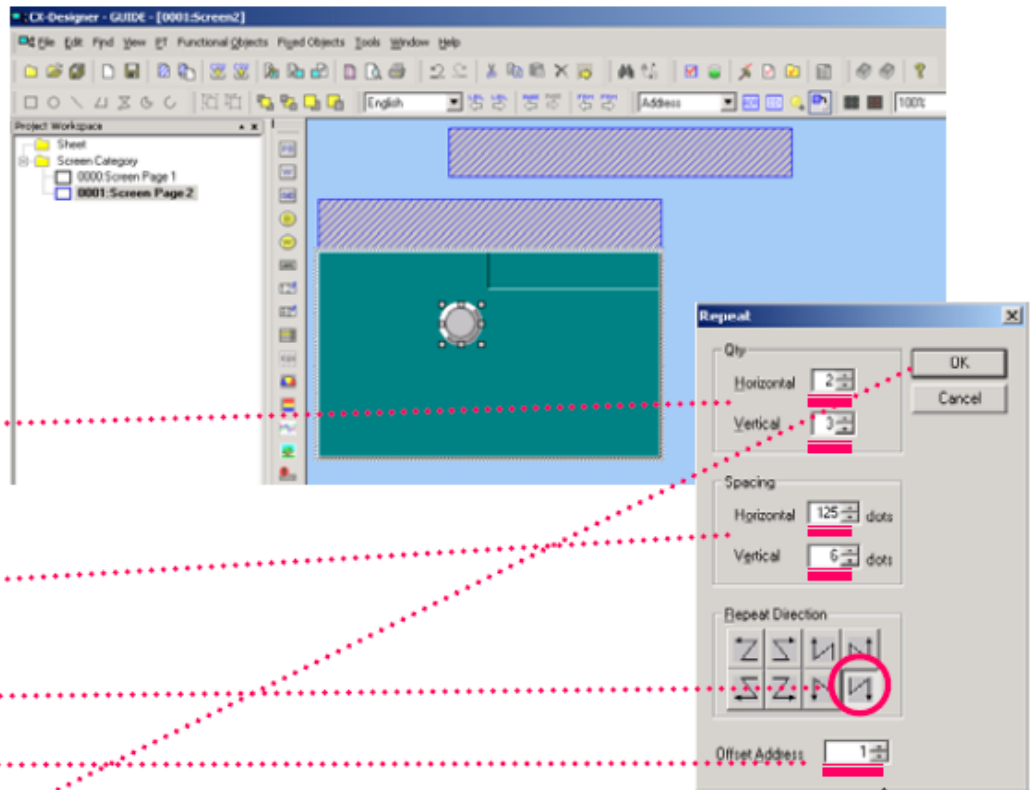
OK

alarm1

label

[Label]
→ "Alarm 1"

Title background



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

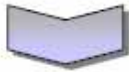
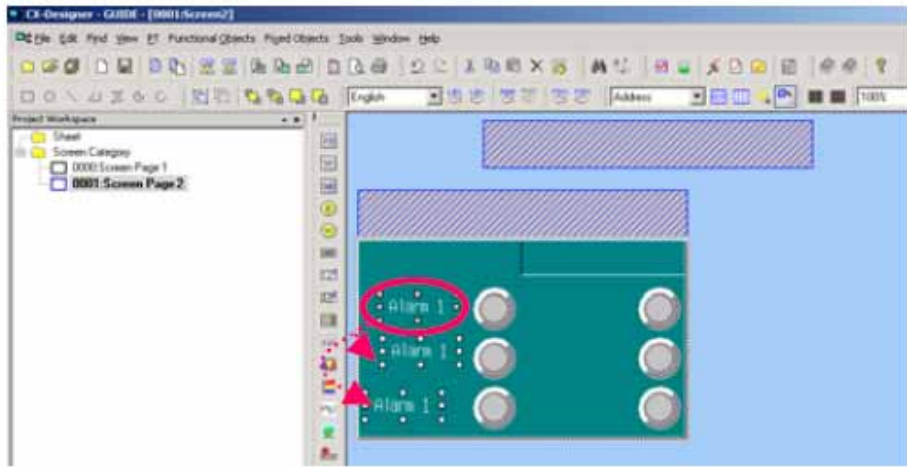
Validation

Transferring
a project

label

darg

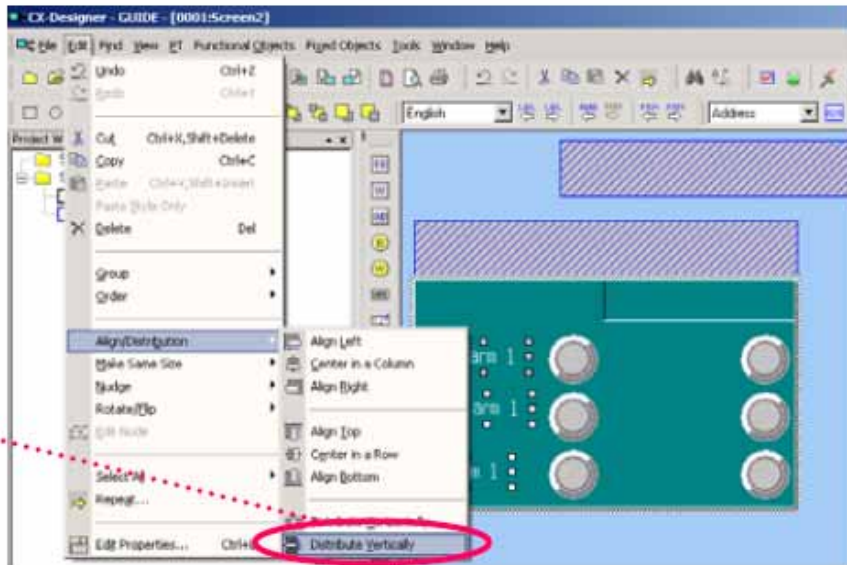
drop



label

edit

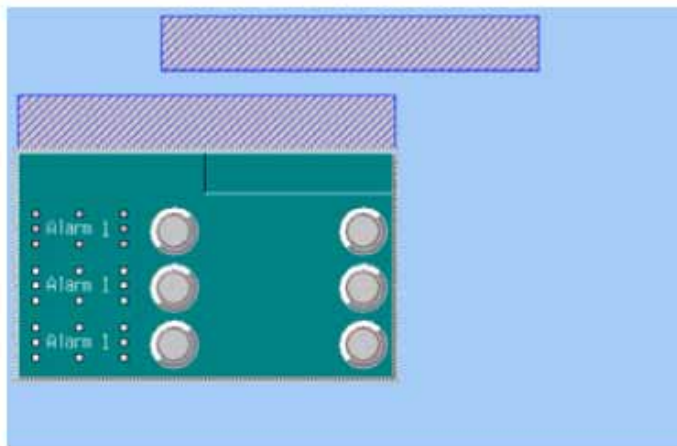
[Edit] menu
-[Align/Distribution]
-[Distribute Vertically]



label

edit

[Edit] menu
-[Align/Distribution]
-[Align Left]



Start up
CX-D

Creating a
new project

Project
property

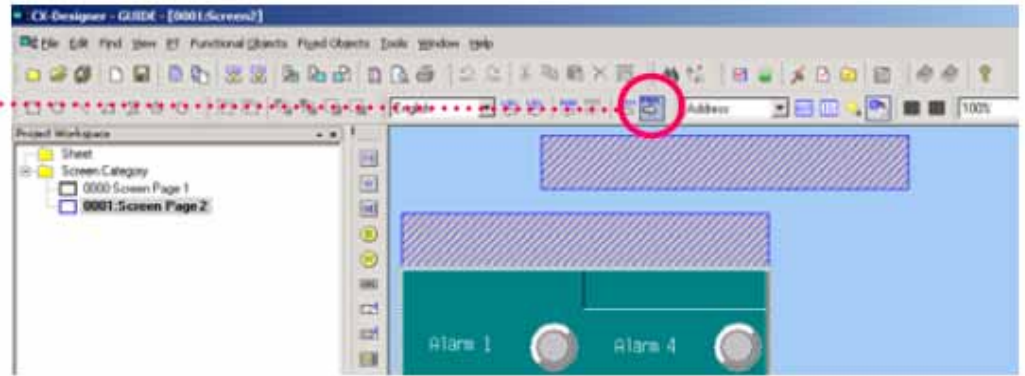
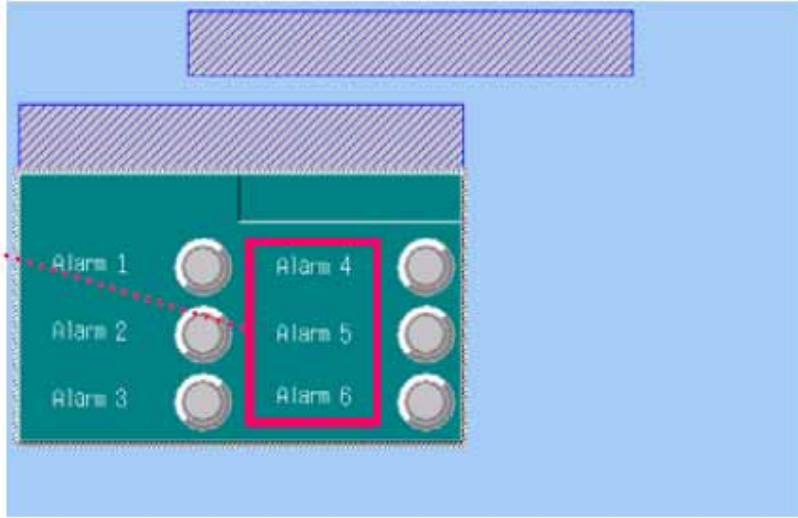
System
setting

Creating
a screen

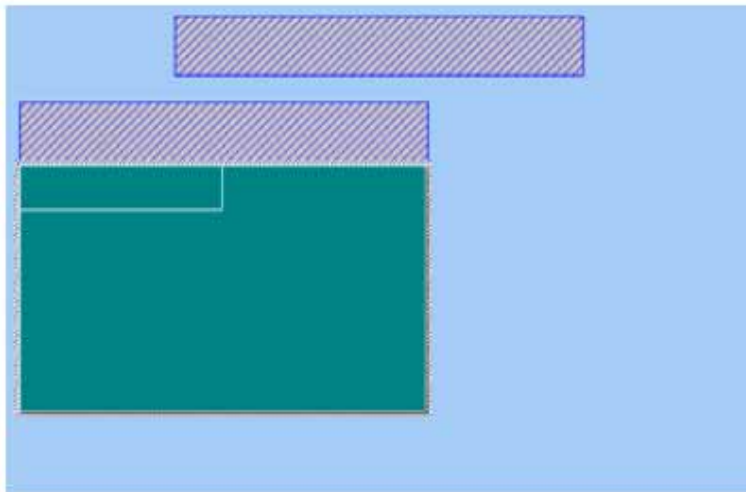
Validation

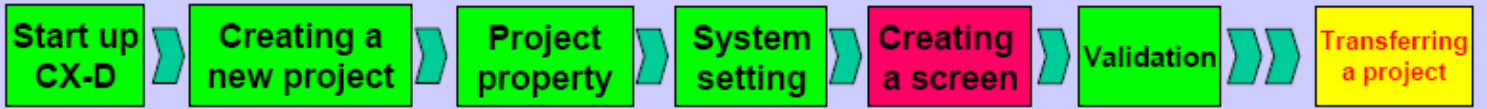
Transferring
a project

label
label



page1





(bit lamp)
 (display address1)
 poperty list

Host
 → [HOST 1]

Area
 → [Common I/O Area (CIO)]

Word
 → [2]

Bit
 → [0]

type
 1) double lined circle 2]

color1
 color2

bit lamp

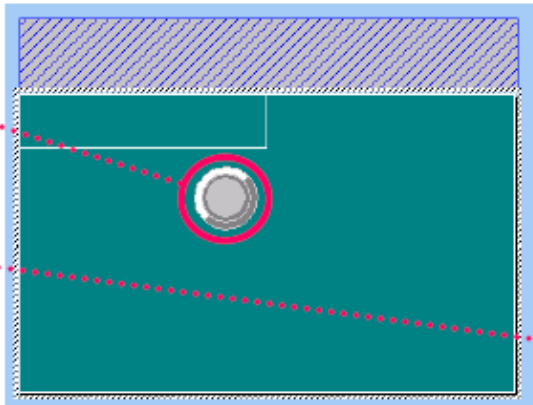
[Qty]
 Horizontal
 → "2"

Vertical
 → "3"

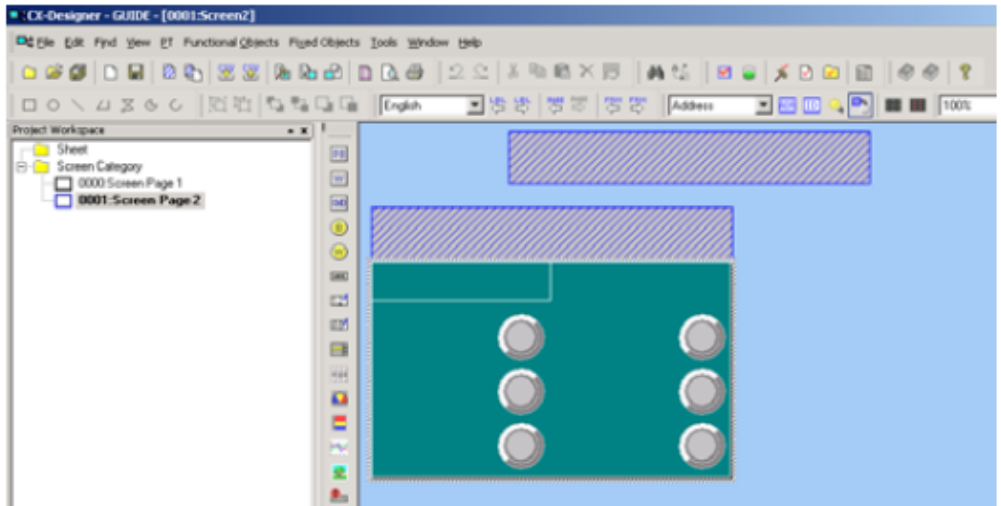
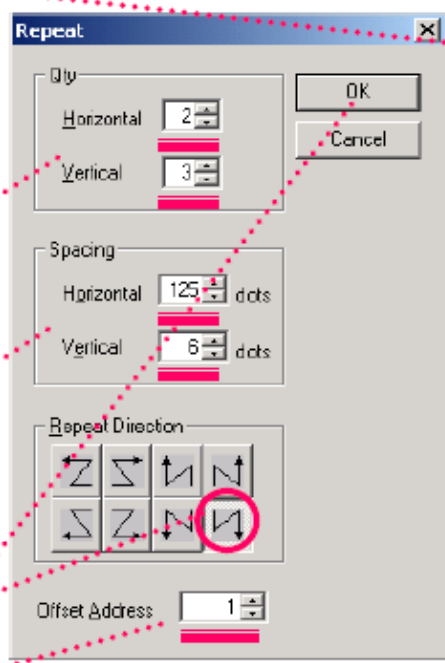
[Spacing]
 Horizontal
 → "125"

Vertical
 → "6"

Offset
 ok



Property List	
Bit Lamp : PL0017	
Comment	
Address	
Write Address	
Display Address 1	HOST1.00002.00
Display Address 2	
Style	
Action	
Set Value	<input type="checkbox"/> 0
Increment/Decrement	<input type="checkbox"/> 0
Pop-up Settings	Push
Function	Push
Type	<input checked="" type="radio"/> Double-lined Circle
Color 1	<input type="checkbox"/>
Color 2	<input type="checkbox"/>
Color 3	<input type="checkbox"/>
Color 4	<input type="checkbox"/>
Color 5	<input type="checkbox"/>



Start up CX-D

Creating a new project

Project property

System setting

Creating a screen

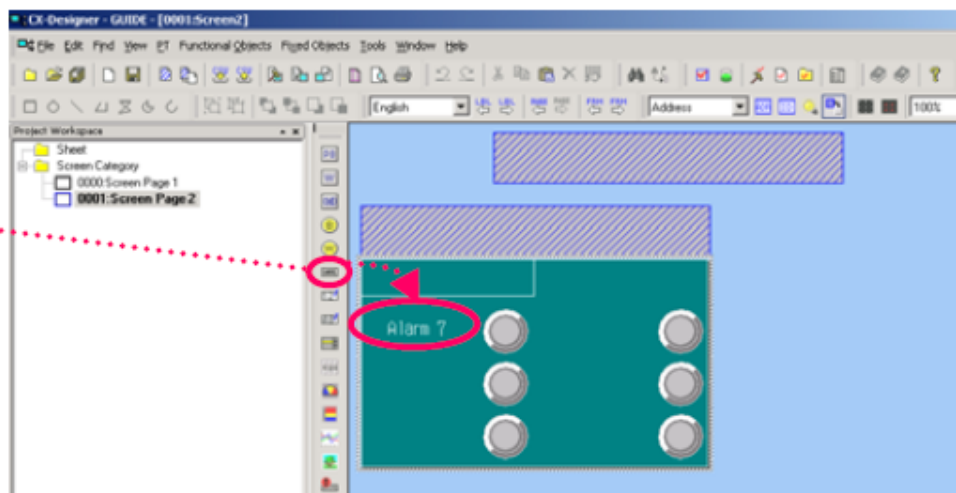
Validation

Transferring a project

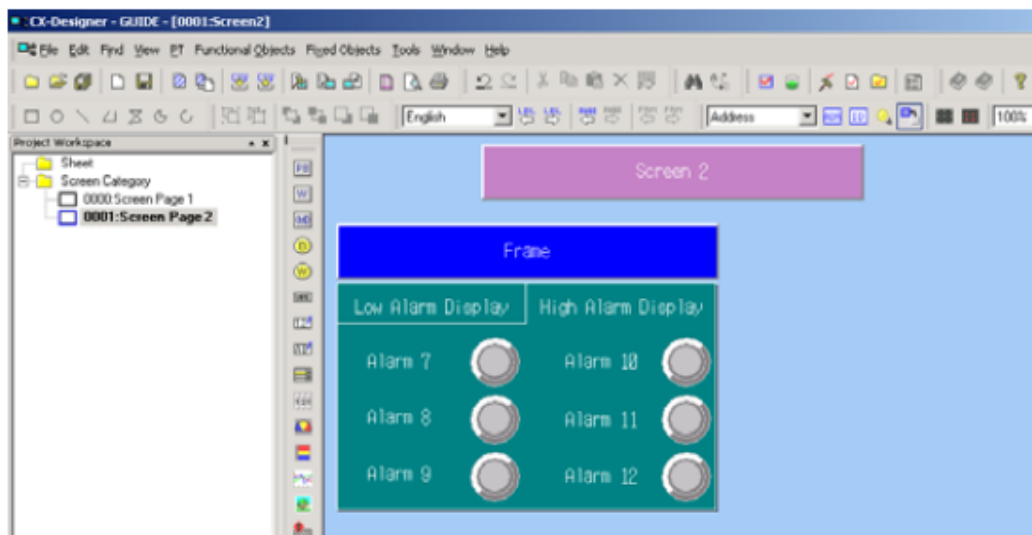
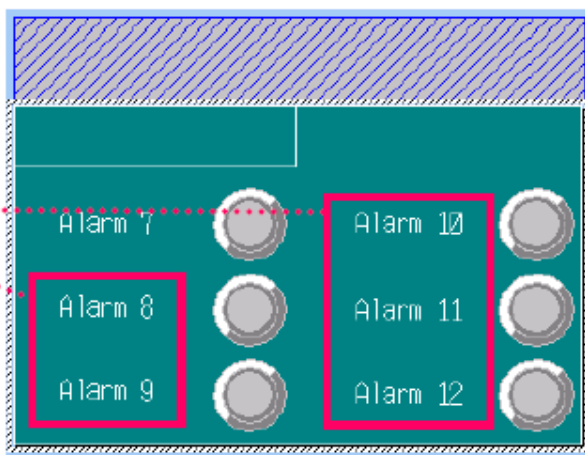
alarm7 label

[Label]
→ "Alarm 7"

Title background



label
label



Start up
CX-D

Creating a
new project

Project
property

System
setting

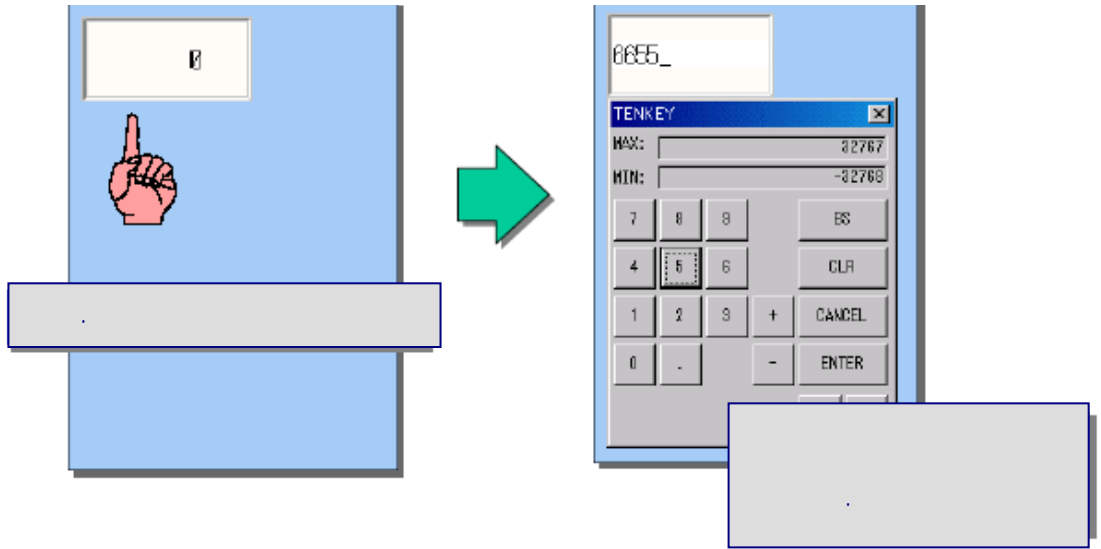
Creating
a screen

Validation

Transferring
a project

15. Numeral Display & Input

Numeral display&input



label

Label

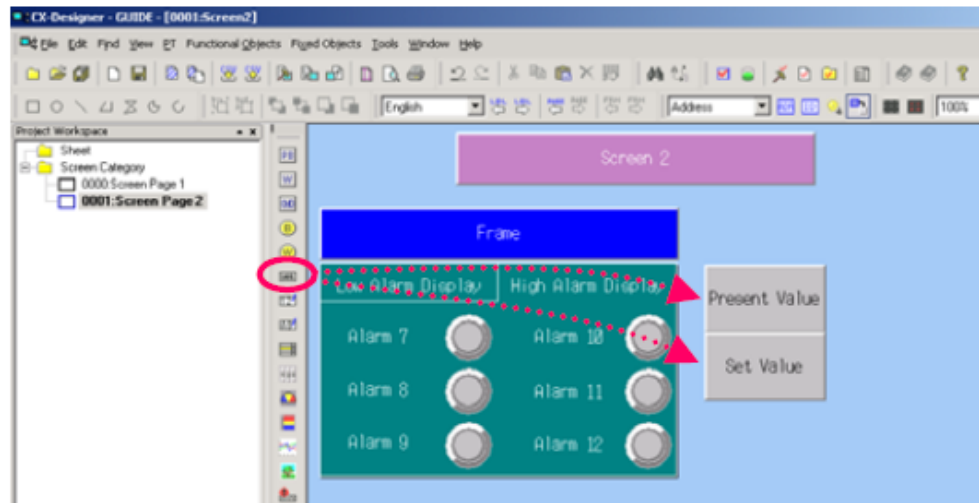
Present

Label

() value

set value label

()



Start up CX-D

Creating a new project

Project property

System setting

Creating a screen

Validation

Transferring a project

Numeral display&input

label

Object property list

common tab

enable input

display

numeral display

general tab

[Address]

→ "HOST 1 DM00100"

[Display Format]

→ "Decimal"

[Storage Format]

→ "INT (Signed 1 word)"

[Integer]

→ "5"

[Decimal]

→ "0"

Numeral display&input



Object property list

common tab

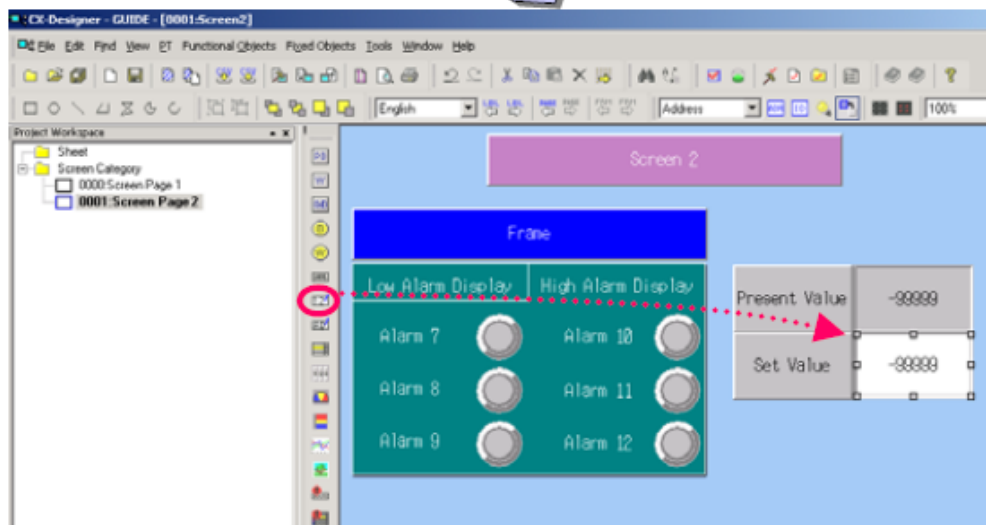
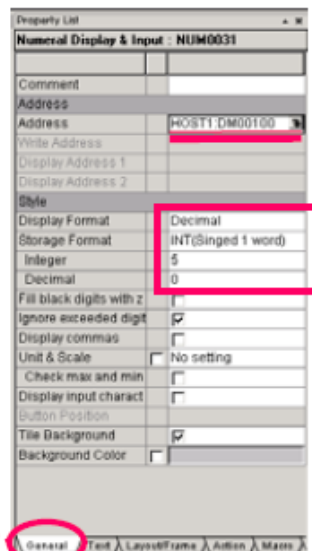
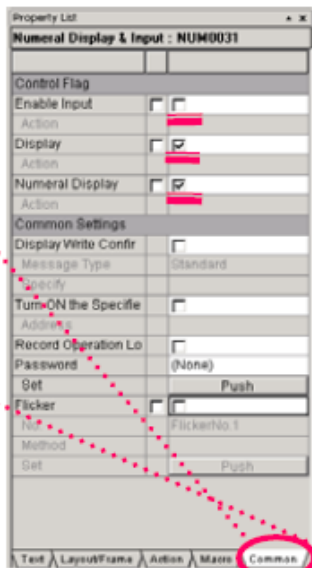
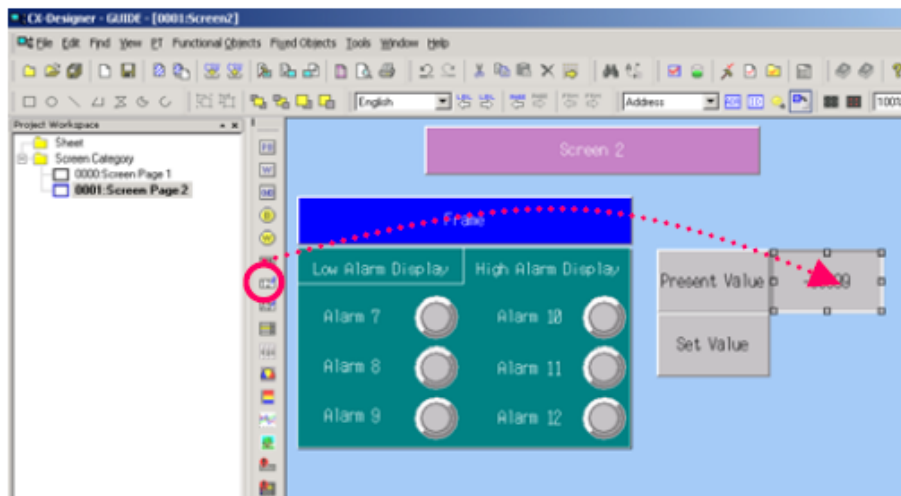
enable input

general

address

background \$w0

.. white



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

Transferring
a project

16. Word Button

(DM,...)

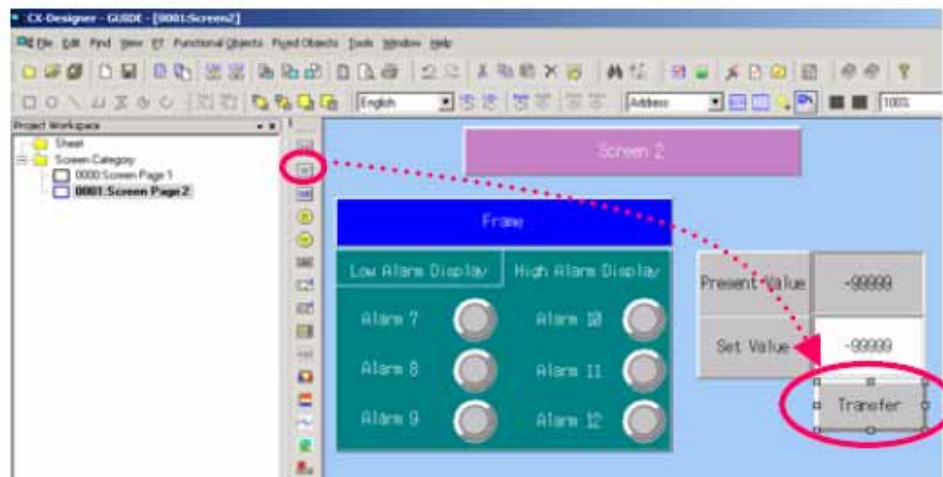
Word button

(plc)

(popup)

word button

word button



Object property list

Property List	
Word Button : PBW0033	
Comment	
Address	
Address	
Write Address	HOST1:DM00100
Display Address 1	
Display Address 2	
Style	
Action	SetValue
Set Value	<input checked="" type="checkbox"/> \$W0
Increment/Decrement	<input type="checkbox"/> 1
Pop-up Settings	Push
Function	Push
Type	<input type="checkbox"/> Rectangle
Color 1	<input type="checkbox"/>
Color 2	<input type="checkbox"/>
Color 3	<input type="checkbox"/>
Color 4	<input type="checkbox"/>
Color 5	<input type="checkbox"/>
Color 6	<input type="checkbox"/>
Color 7	<input type="checkbox"/>
Color 8	<input type="checkbox"/>
Color 9	<input type="checkbox"/>
Color 10	<input type="checkbox"/>
Do NOT allow sound	<input type="checkbox"/>
Group Specification	
Storage Format	INT(Signed 1 word)
General Text Layout/Frame Action Macro	

general

address

Host1:DM00100

color2 Color1

text tab

transfer

label

Property List	
Word Button : PBW0033	
Label	Transfer
Font	Standard
Size	1x1
Fit the Object Size	<input type="checkbox"/>
Italic	<input type="checkbox"/>
Bold	<input type="checkbox"/>
Vertical Position	Center
Horizontal Position	Center
Color	<input type="checkbox"/>
Switch label according	<input type="checkbox"/>
Method	
Link with the Specifi	
Switch label according	<input type="checkbox"/>
File Name	
Character Code	
Specify external file	<input type="checkbox"/>
File	
Address specifying	
Character Code	
Clear Display when	<input type="checkbox"/>
General Text Layout/Frame Action Macro	

Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

Transferring
a project

label

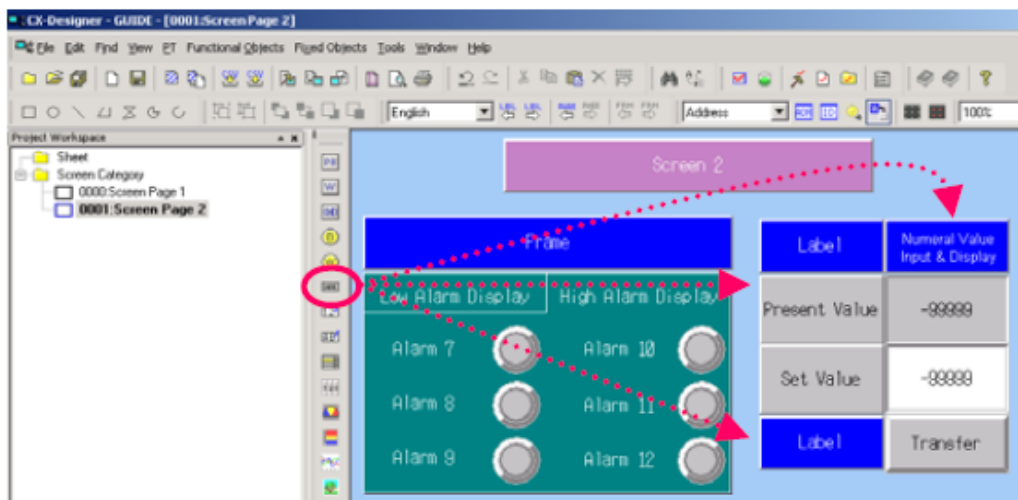
label

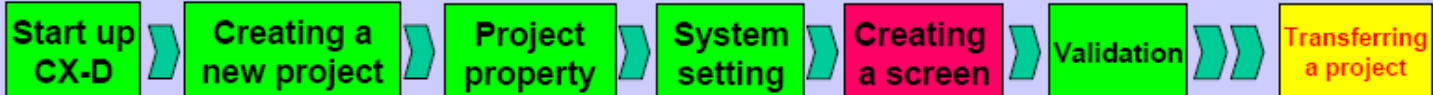
label

Numeral value display
& input

word

button

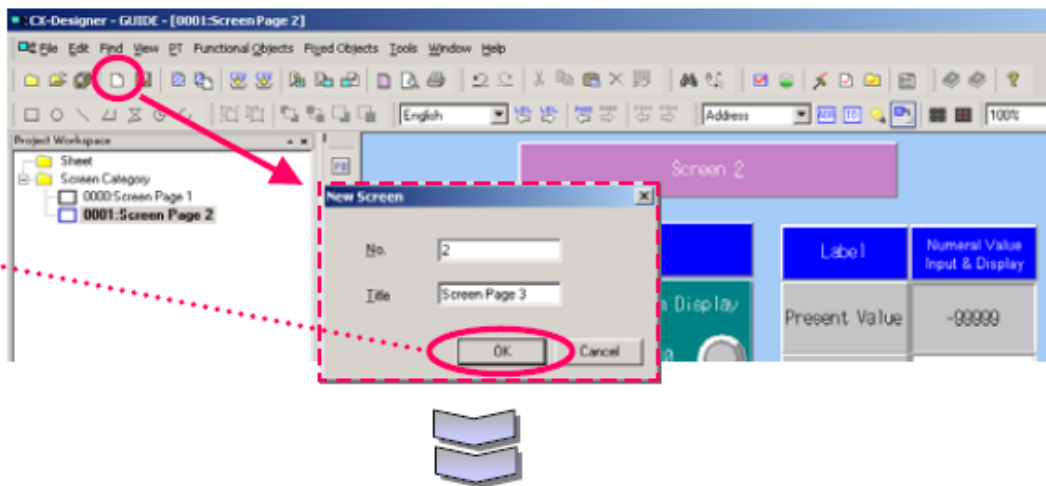




Creating Third Screen

screen
label
ok

OK



17. Alarm/Event Display

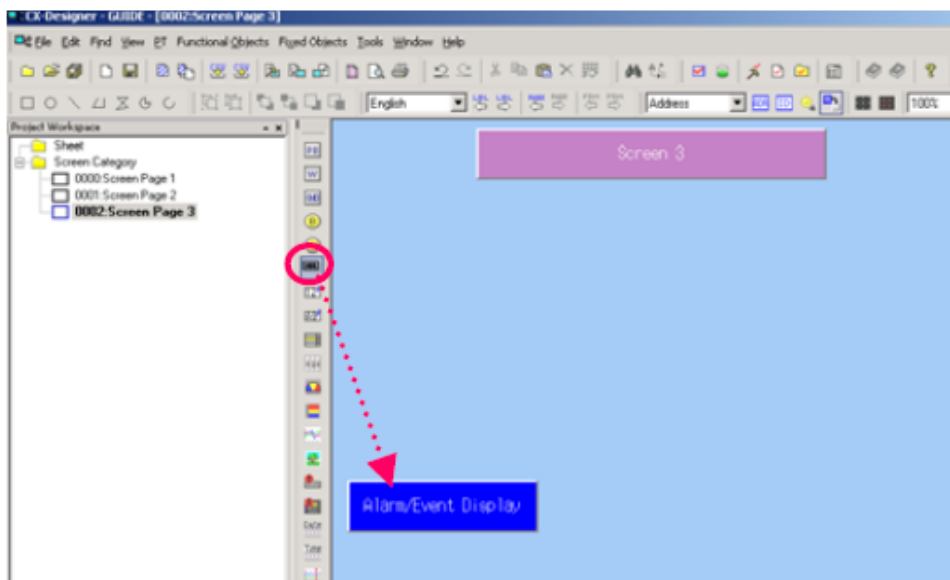
Alarm event display

9. displaying a text
label

run high alarm Low alarm

[Label]
→ "Alarm/Event Display"

Alarm/event display



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

Transferring
a project

alarm/event display



alarm/event display



double
property

low alarm

time date

Register Alarm/Event...



add

Add...

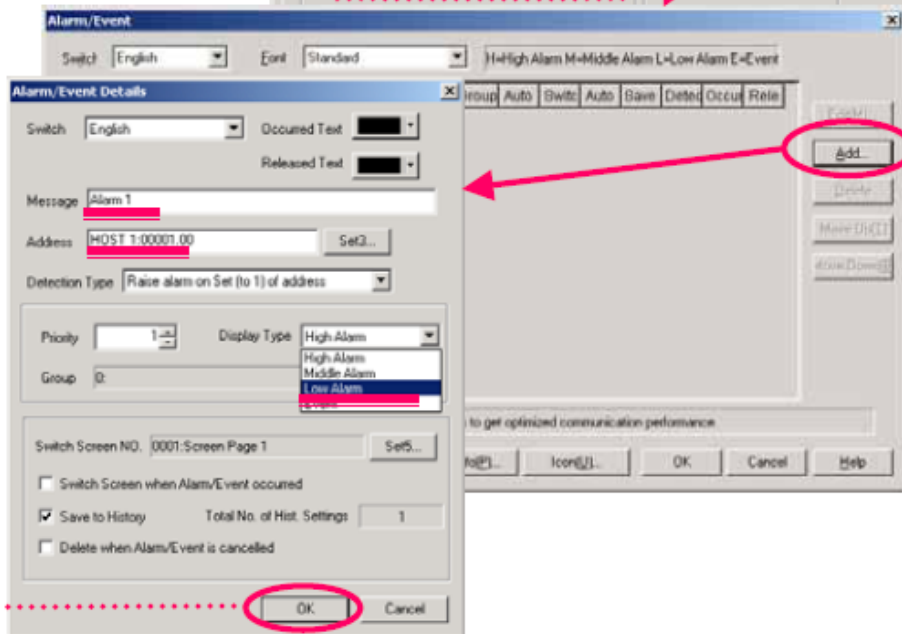
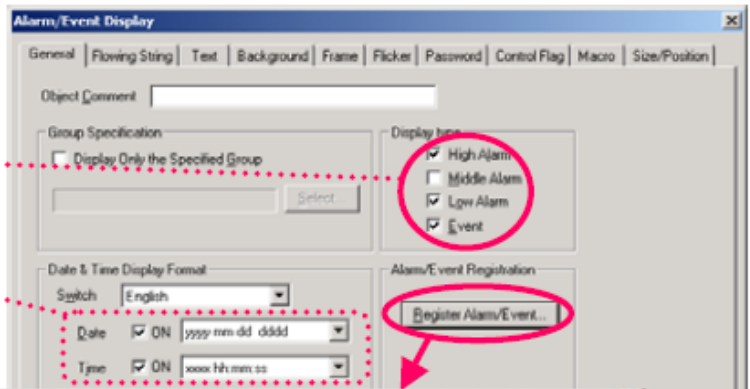
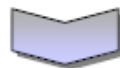
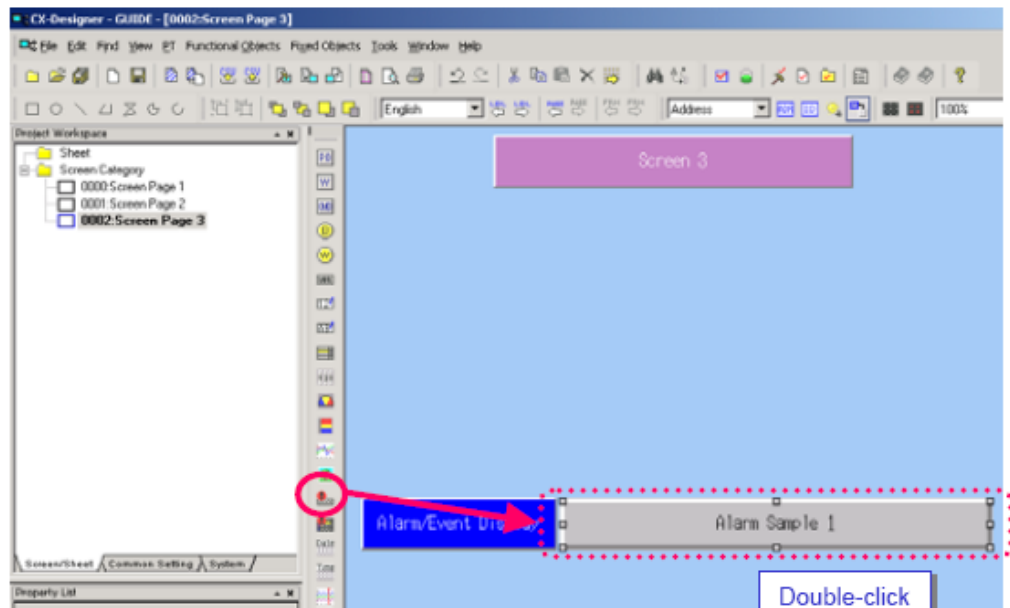
[Message]
→ "Alarm 1"

[Address]
→ "Host1:00001.00."



ok

OK



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

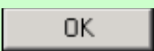
Validation

Transferring
a project

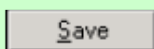
export csv



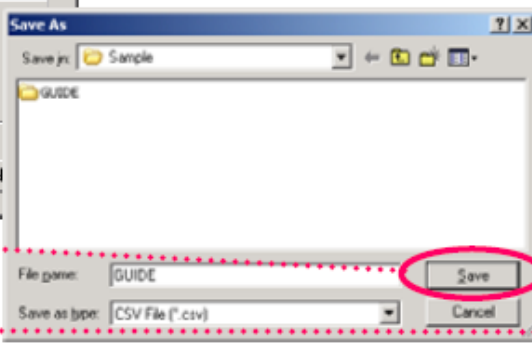
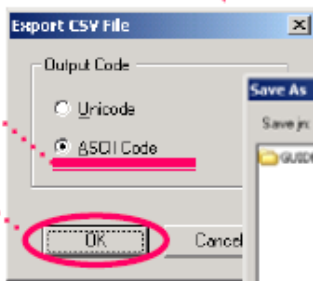
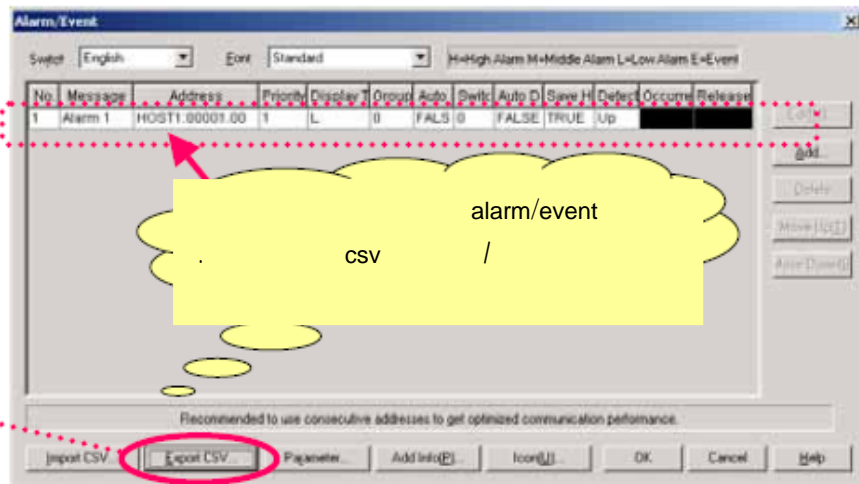
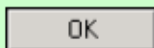
AASCI CODE
OK



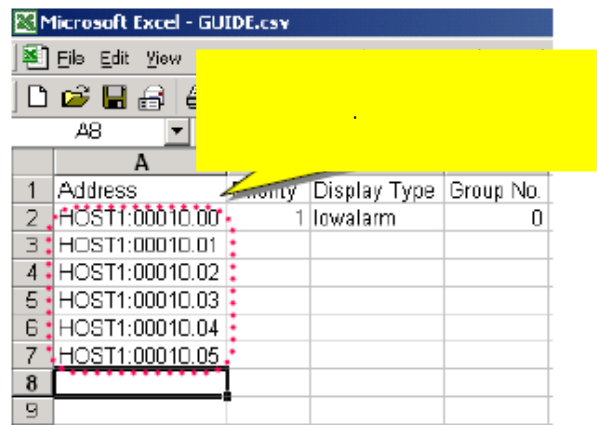
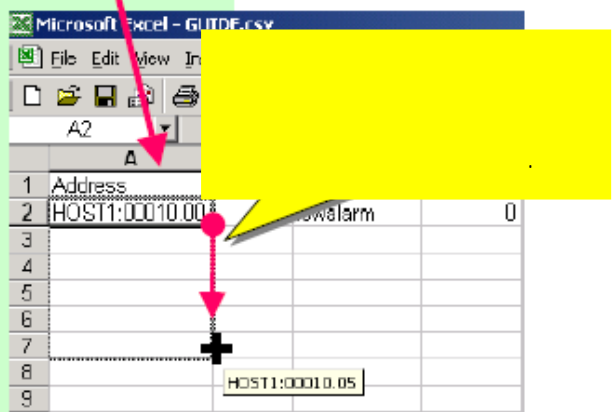
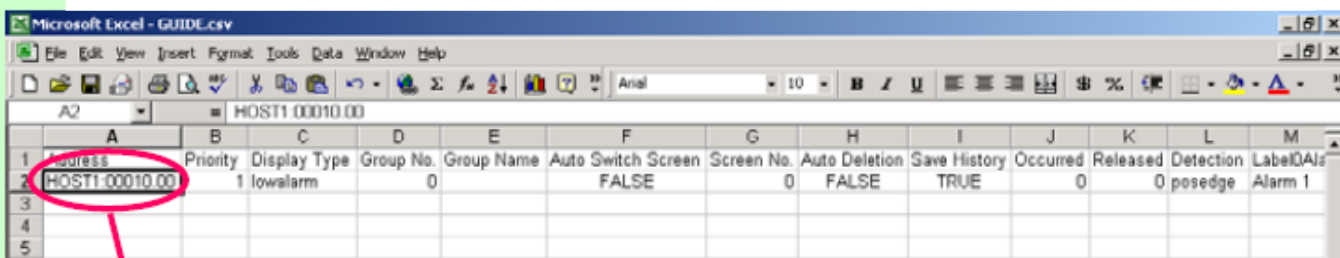
Guide

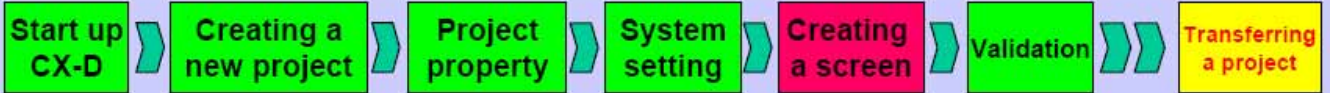


ok



Excell





paste copy

Address	Priority	Display Ty	Group No.	Group Name	Auto Switc	Screen No	Auto Delet	Save Histo	Occurred	Released	Detection	Label	Alarm Message	Label	Alarm Message
HOST1.00	1	lowalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 1	Alarm 1	Alarm 1	Alarm 1
HOST1.00	1	lowalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 2	Alarm 2	Alarm 2	Alarm 2
HOST1.00	1	lowalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 3	Alarm 3	Alarm 3	Alarm 3
HOST1.00	1	lowalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 4	Alarm 4	Alarm 4	Alarm 4
HOST1.00	1	lowalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 5	Alarm 5	Alarm 5	Alarm 5
HOST1.00	1	lowalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 6	Alarm 6	Alarm 6	Alarm 6
HOST1.00	1	highalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 7	Alarm 7	Alarm 7	Alarm 7
HOST1.00	1	highalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 8	Alarm 8	Alarm 8	Alarm 8
HOST1.00	1	highalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 9	Alarm 9	Alarm 9	Alarm 9
HOST1.00	1	highalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 10	Alarm 10	Alarm 10	Alarm 10
HOST1.00	1	highalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 11	Alarm 11	Alarm 11	Alarm 11
HOST1.00	1	highalarm	0		FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 12	Alarm 12	Alarm 12	Alarm 12
HOST1.00	1	event	0		FALSE	0	FALSE	TRUE	0	0	posedge	Unit 1 Start Running	Unit1 Actief	Unit 1 Start Running	Unit1 Actief
HOST1.00	1	event	0		FALSE	0	FALSE	TRUE	0	0	posedge	Unit 2 Start Running	Unit2 Actief	Unit 2 Start Running	Unit2 Actief
HOST1.00	1	event	0		FALSE	0	FALSE	TRUE	0	0	posedge	Unit 3 Start Running	Unit3 Actief	Unit 3 Start Running	Unit3 Actief
HOST1.00	1	event	0		FALSE	0	FALSE	TRUE	0	0	posedge	Unit 4 Start Running	Unit4 Actief	Unit 4 Start Running	Unit4 Actief
HOST1.00	1	event	0		FALSE	0	FALSE	TRUE	0	0	posedge	Unit 5 Start Running	Unit5 Actief	Unit 5 Start Running	Unit5 Actief



CX-Designer

Import CSV...

Import CSV



add to current alarm

OK

Start up
CX-D

Creating a
new project

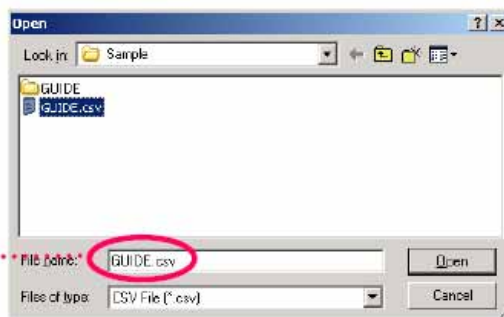
Project
property

System
setting

Creating
a screen

Validation

Transferring
a project



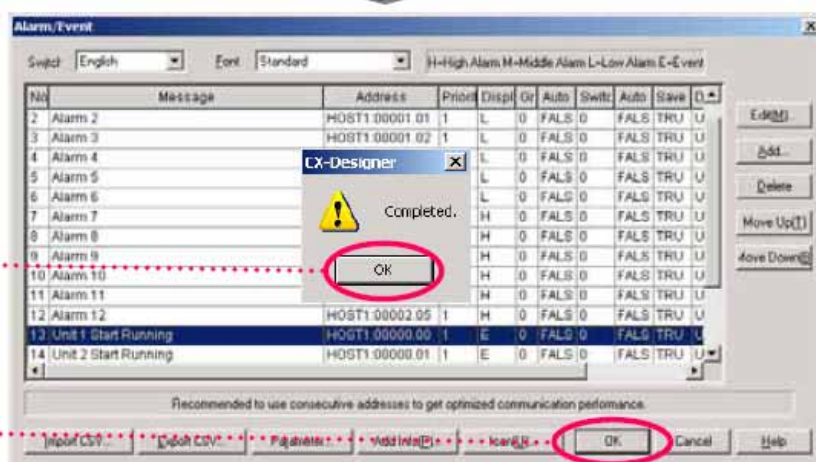
completed

ok

OK

ok

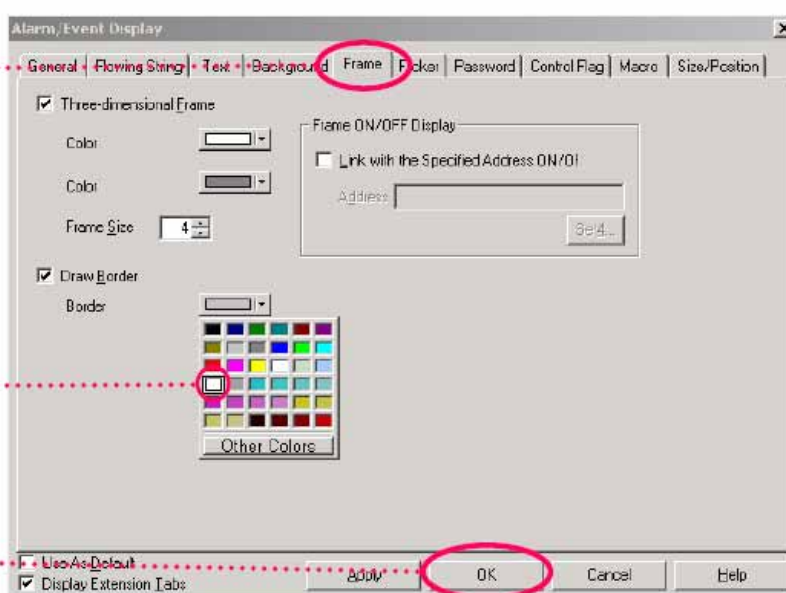
OK

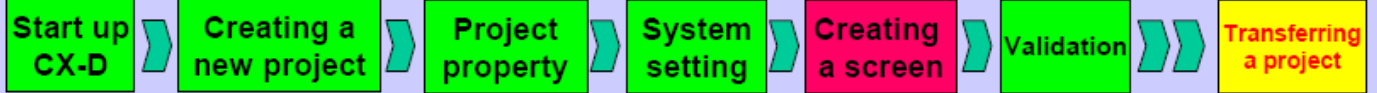


frame

ok

OK





18. Alarm/Event Summary&History

Alarm/event Summary&history

high light

alarm/event summary & history

on the list

alarm/event summary & history

property

[Display Data]

Alarm history

high Low alarm alarm

[Date] → yyyy/mm/dd

[Time] → hh:mm:ss

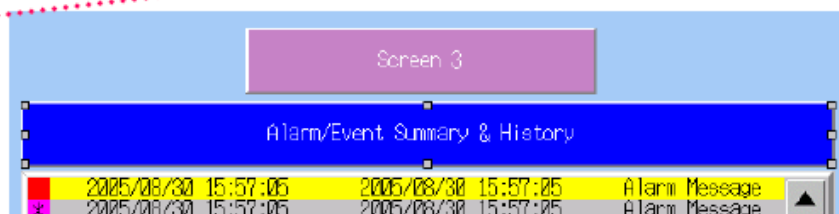
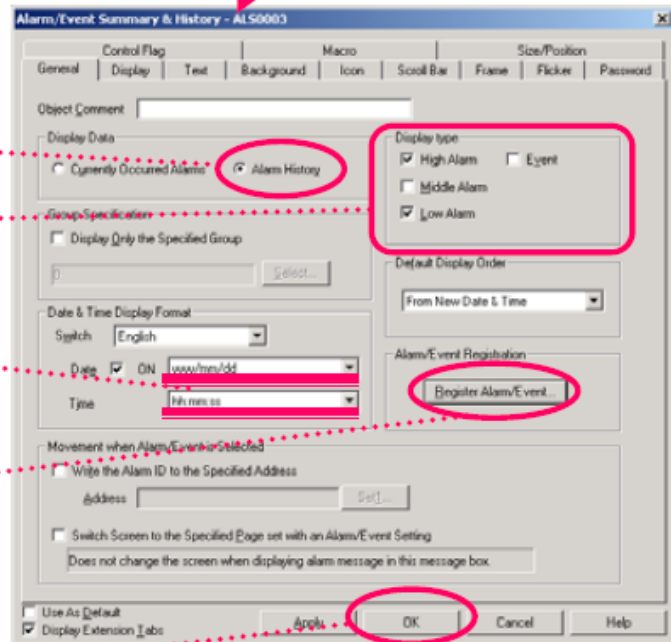
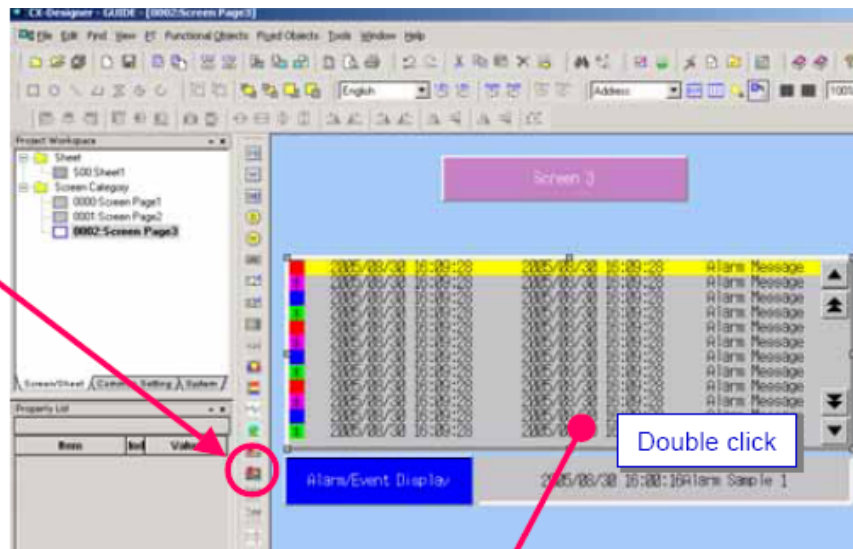
Register Alarm/Event...

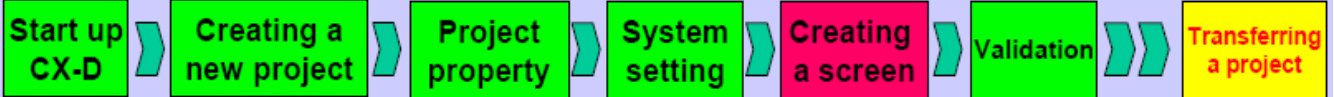
Setting ok

OK

label

Alarm/event summary & history





19. Pop-up Screen

pop_up screen NS
low high pop_up screen

new

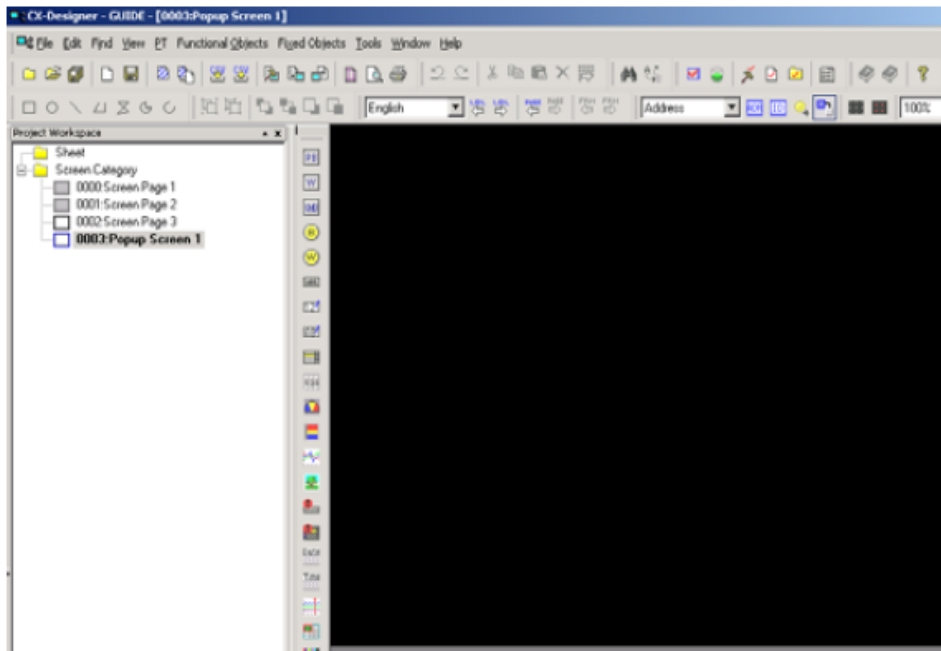
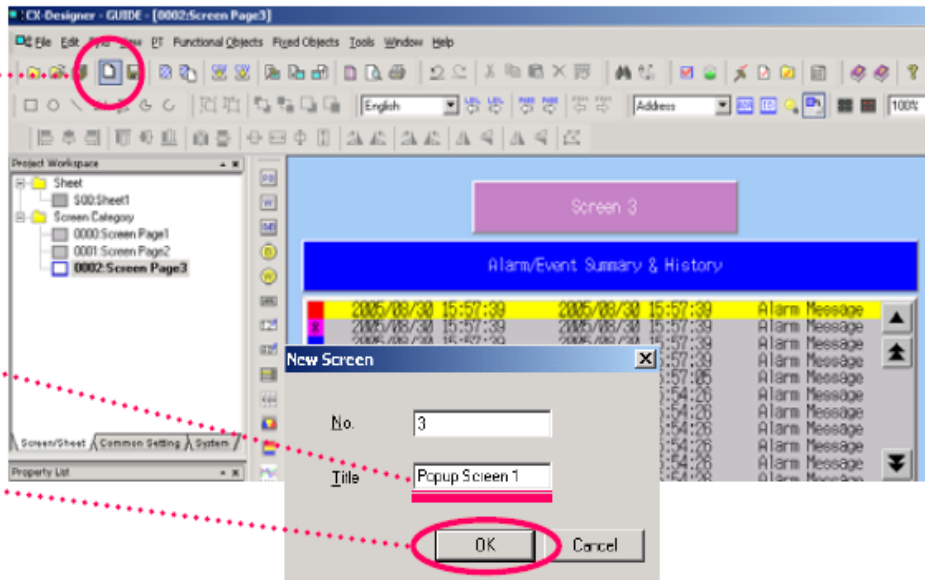
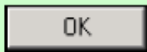
screen

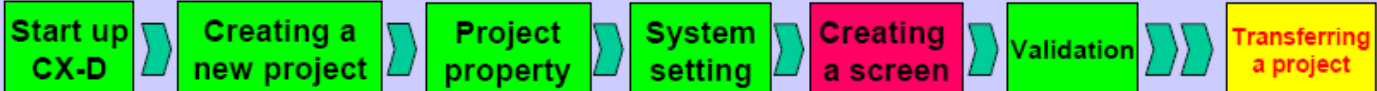


pop

screen 1

ok





[0003 pop up screen1]
project work space

screen property

screen property

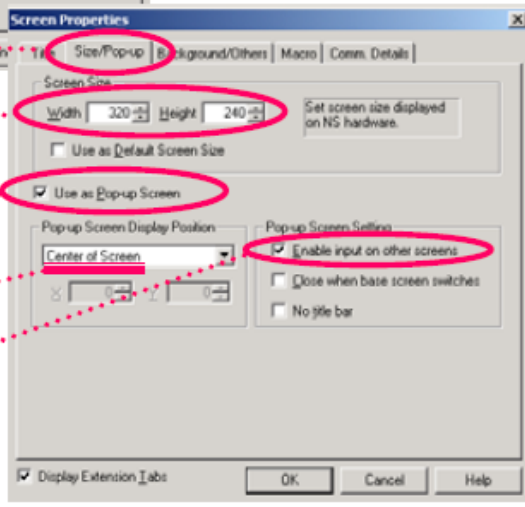
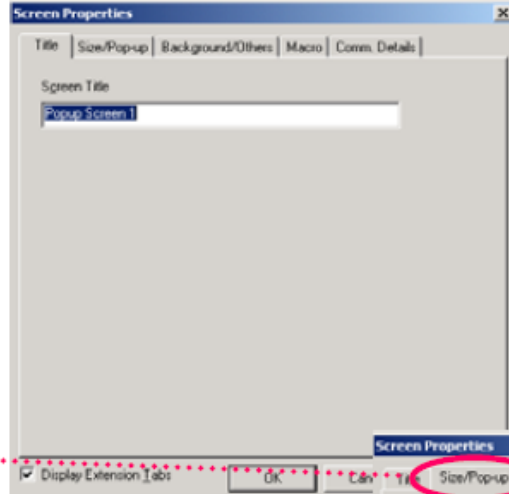
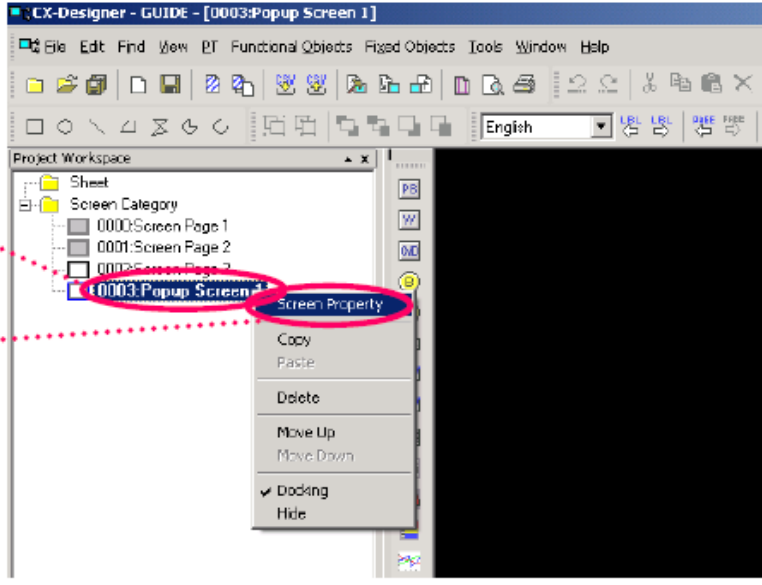
[size/popup]

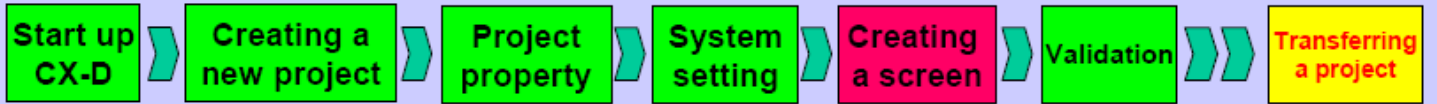
[Width] → "320"
[Height] → "240"

use as popup position

center of screen

popup screen setting
"enable input on other screen"

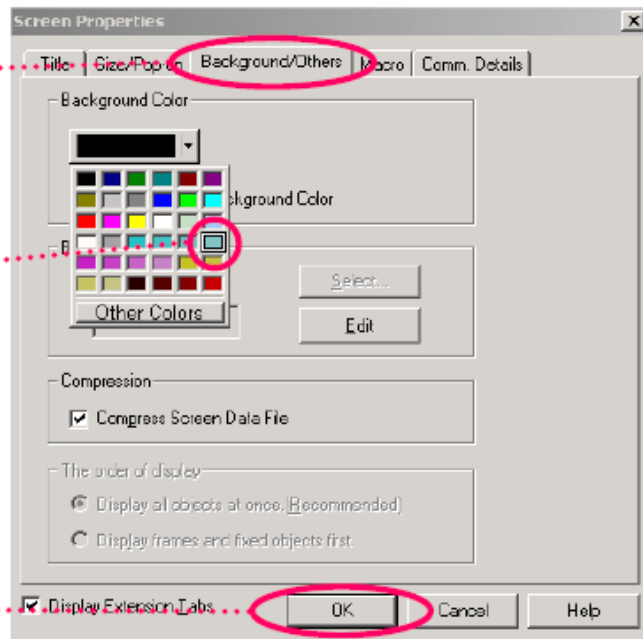
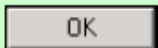




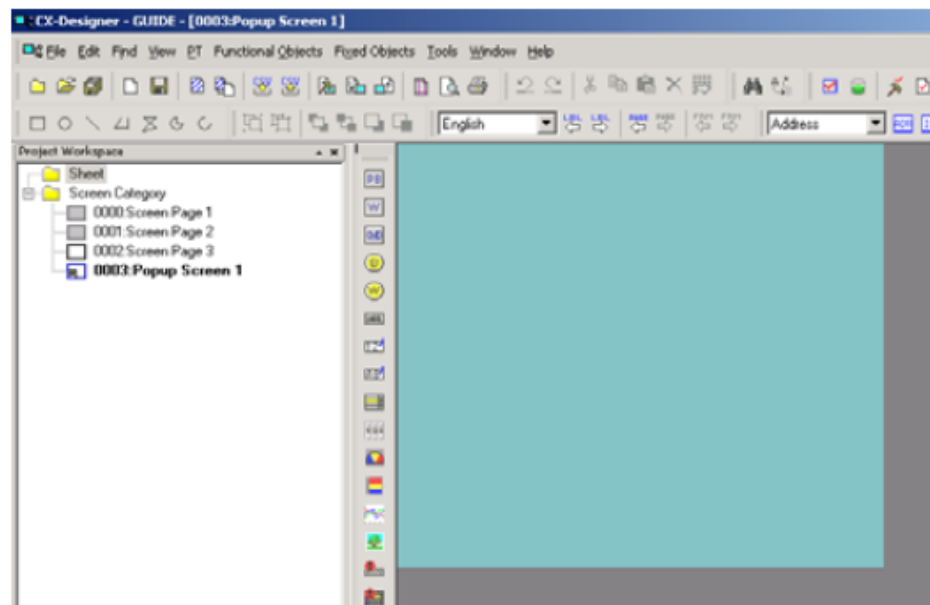
background/others
background Color



ok



Popup screen



Start up CX-D

Creating a new project

Project property

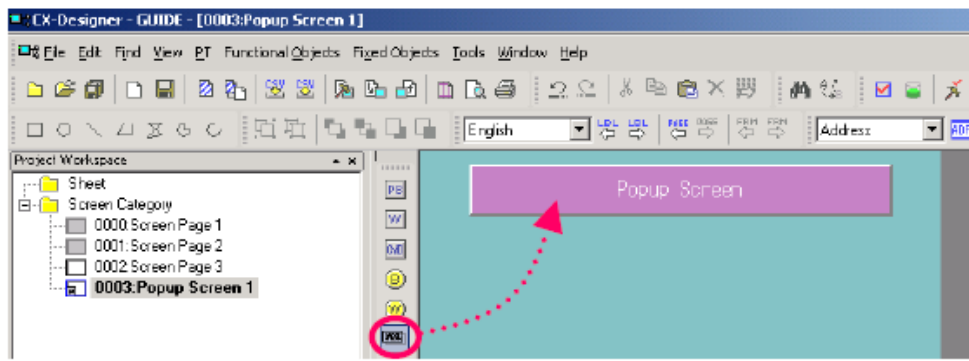
System setting

Creating a screen

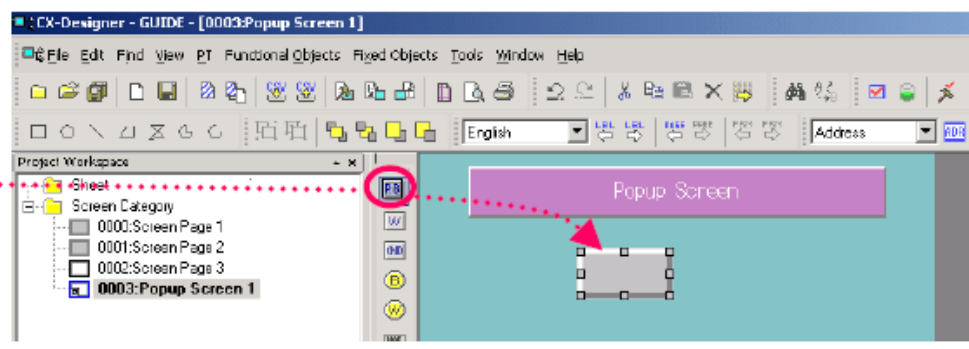
Validation

Transferring a project

[Label]
→ "Pop-up Screen"



on/off



property list

Property List

ON/OFF Button : PB0001

Item	Ind	Value
Comment		
Address		
Address		
Write Address		HOST1:00001.00
Display Address 1		
Display Address 2		
Style		
Action		Alternate
Set/Reset	<input type="checkbox"/>	0
Increment/Decrement	<input type="checkbox"/>	0
Pop-up Setting		Push
Function		Push
Type		Select Shape(Ty
Shape 1		SS1048.VEC
Shape 2		SS1049.VEC
Shape 3		
Shape 4		
Shape 5		
Shape 6		
Shape 7		
Shape 8		
Shape 9		
Shape 10		
Do NOT allow sound	<input type="checkbox"/>	
Group Specification		(None)
Storage Format		

General | Text | Layout/Frame | Action | Macro

[Address]
→ "HOST1: 00001.00"

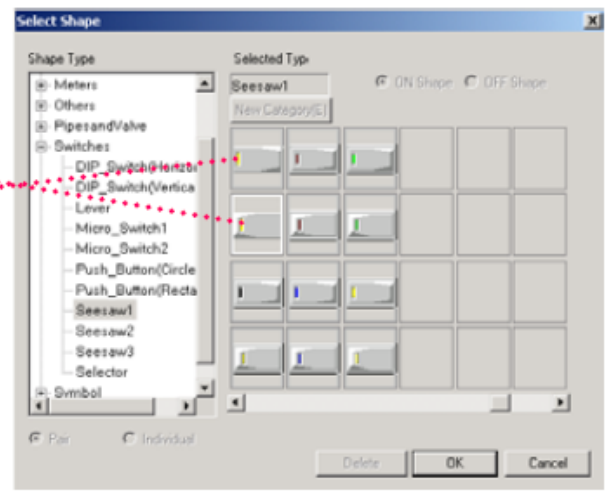
[Action]
→ "Alternate"

[Type]
→ "Select Shape"

(Type1)
shape1



shape2



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

Transferring
a project

label

alarm1

[Label]

→ "Alarm 1"

on/off

label

[Qty]

Horizontal → "1"

Vertical → "6"

[Spacing]

Horizontal → "0"

Vertical → "0"

[Offset Address] → "1"

label

alarm1

on/off

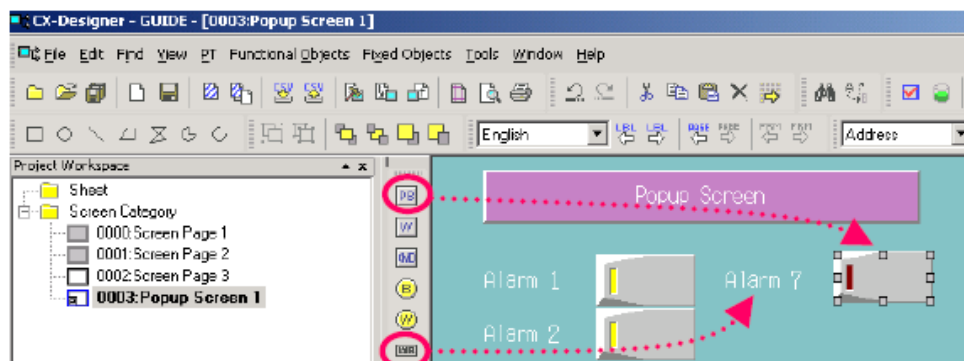
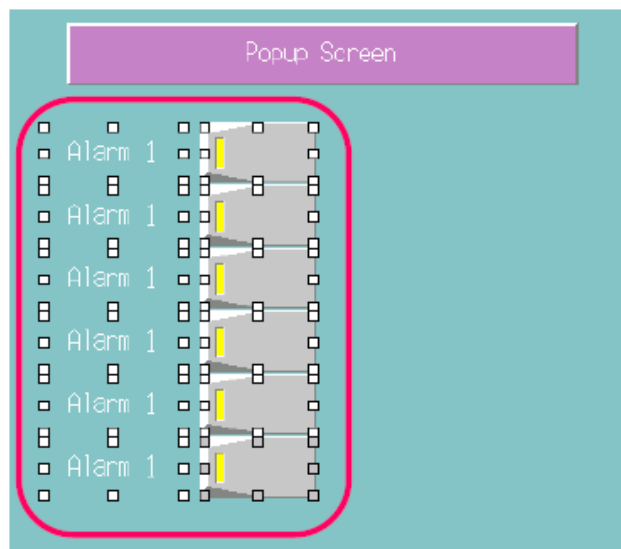
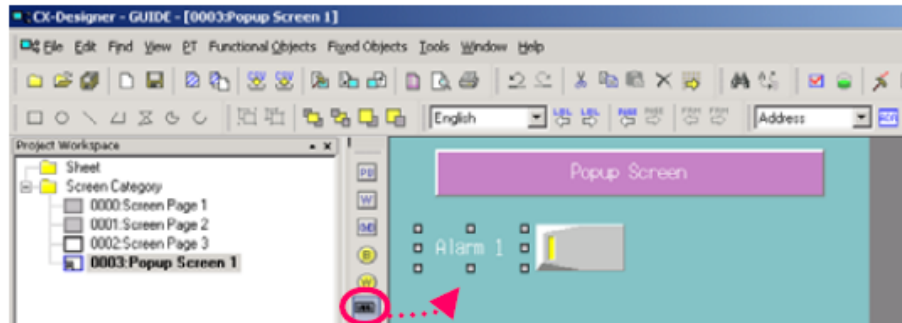
alarm1

object

property

[Label]

→ "Alarm 7"



Start up CX-D

Creating a new project

Project property

System setting

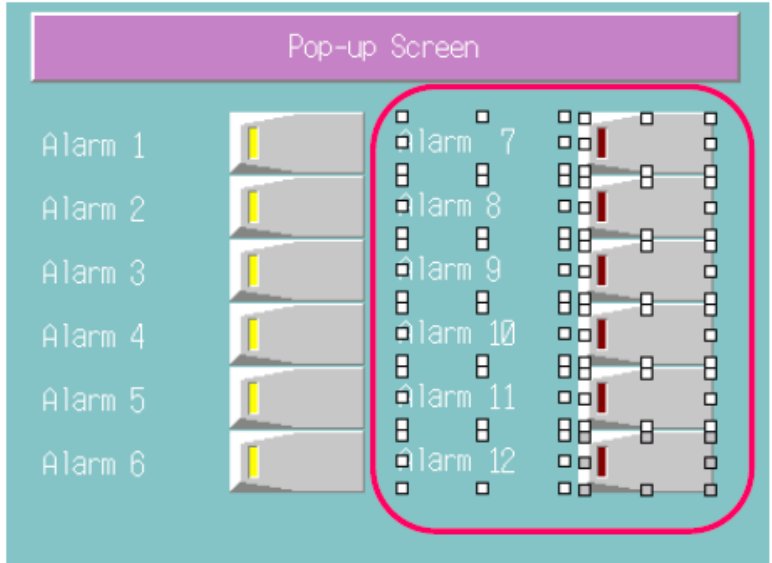
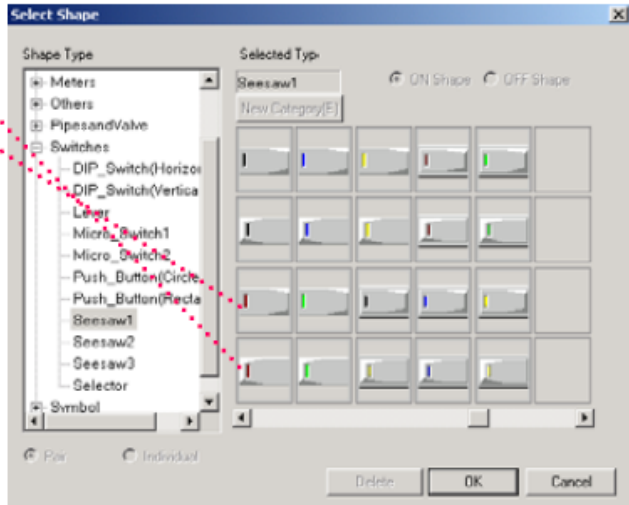
Creating a screen

Validation

Transferring a project

Property list
on/off button
:
[Address]
→ "HOST1: 00002.00"
[Action]
→ "Alternate"
[Type]
→ "Select Shape (Type1)"
shape1
ss1042.VEC
shape2
ss1043.VEC
on/off
label
[Qty]
Horizontal → "1"
Vertical → "6"
[Spacing]
Horizontal → "0"
Vertical → "0"
[Offset Address] → "1"
label
alarm1
alarm7

Property List	
ON/OFF Button : P00014	
Comment	
Address	
Write Address	HOST1:00002.00
Display Address 1	
Display Address 2	
Style	
Action	Alternate
Set Value	<input type="checkbox"/>
Increment/Decrement	0
Pop-up Settings	Push
Function	
Type	Select Shape(Ty
Shape 1	SS1042.VEC
Shape 2	SS1043.VEC
Shape 3	
Shape 4	
Shape 5	
Shape 6	
Shape 7	
Shape 8	
Shape 9	
Shape 10	
Do NOT allow sound	<input type="checkbox"/>
Group Specification	None
Storage Format	



Start up
CX-D

Creating a
new project

Project
property

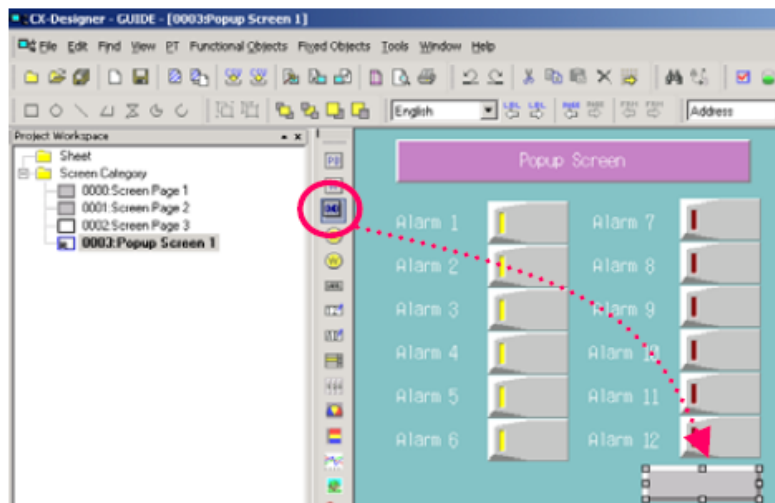
System
setting

Creating
a screen

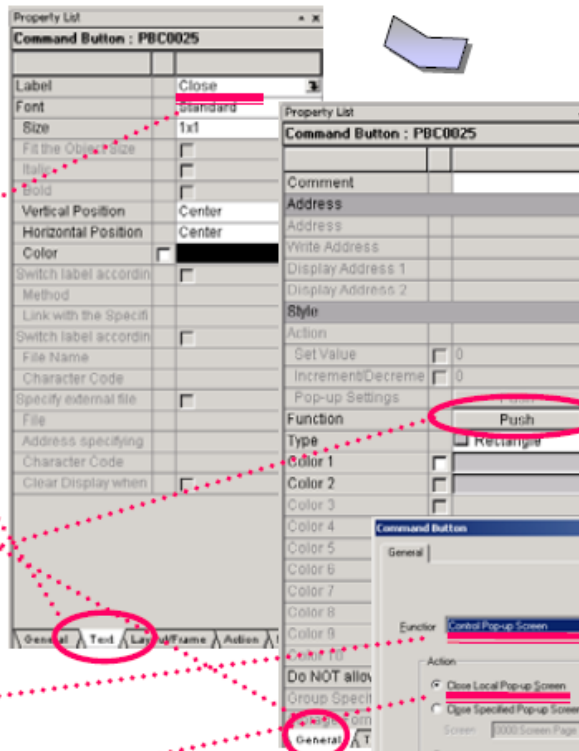
Validation

Transferring
a project

command



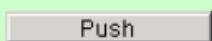
property list



text

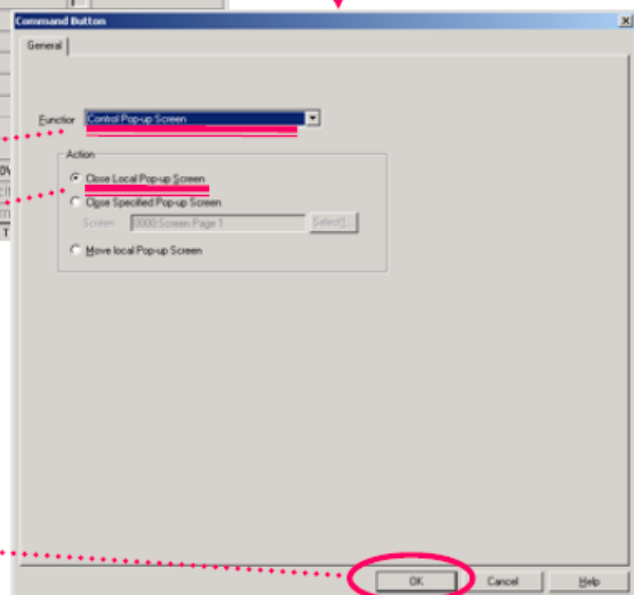
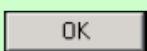
close

general
function
push



[Function]
→ "Control Pop-up"
Screen"
[Action]
→ "Close Local Pop-up"
Screen"

ok



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating a
screen

Validation

Transferring
a project

20. Sheet

sheet



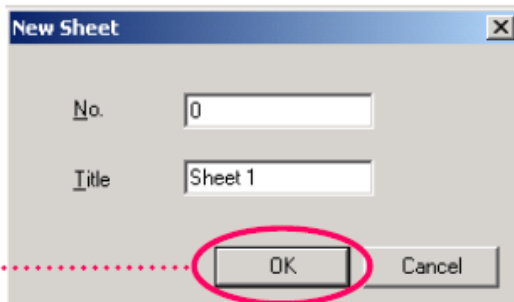
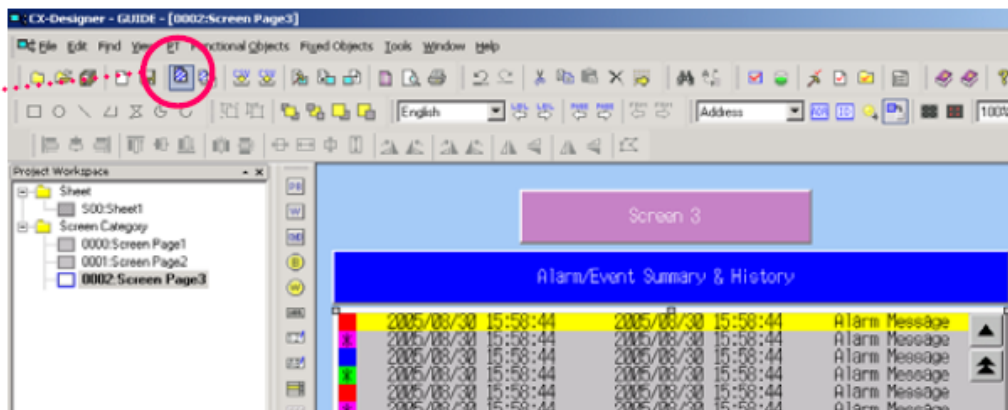
sheet1 title

ok

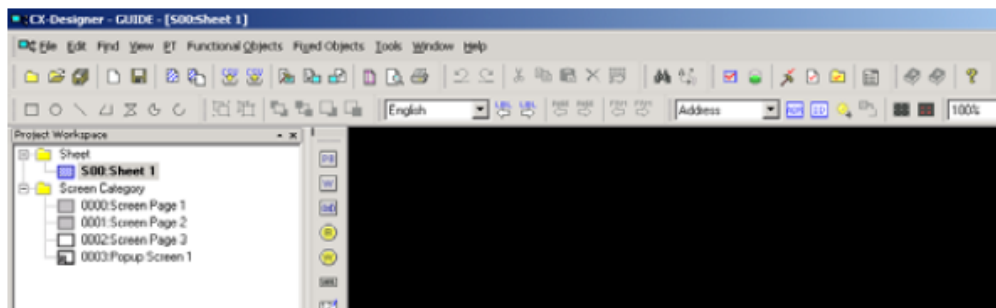
OK

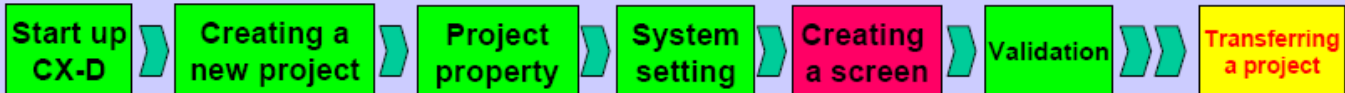
screen

Sheet



sheet





21. Word Button/Command Button

Word button

21-1 Switch label button

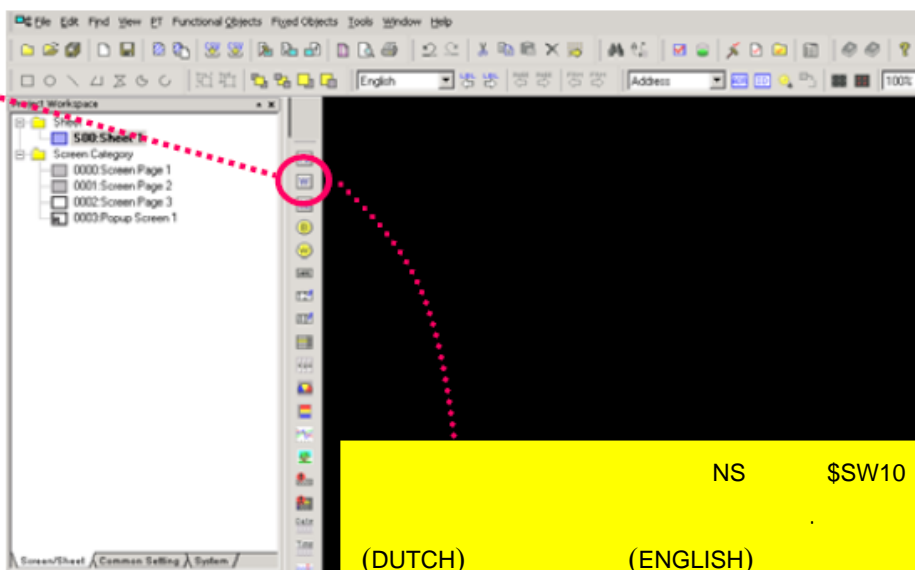
Popup

label

(Popup

)


on the list



property list

general

[Write Address]
→ "\$SW10"
[Action]
→ "Display Pop-up Menu"

general

push

popup setting

Property List	
Word Button : PBW0000	
Comment	
Address	
Write Address	!\$SW10
Display Address 1	
Display Address 2	
Style	
Action	Display Pop-up Menu
Set Value	<input type="checkbox"/> Set Value
Increment/Decrement	<input type="checkbox"/> Increment/Decrement
Pop-up Settings	Display Pop-up Menu
Function	Push
Type	<input type="checkbox"/> Rectangle
Color 1	<input type="checkbox"/>
Color 2	<input type="checkbox"/>
Color 3	<input type="checkbox"/>
Color 4	<input type="checkbox"/>
Color 5	<input type="checkbox"/>
Color 6	<input type="checkbox"/>
Color 7	<input type="checkbox"/>
Color 8	<input type="checkbox"/>
Color 9	<input type="checkbox"/>
Color 10	<input type="checkbox"/>
Do NOT allow sound	<input type="checkbox"/>
Group Specification	
Storage Format	INT(Singed 1 word)
General Text Layout/Frame Action Macro Co	

Property List	
Word Button : PBW0000	
Comment	
Address	
Write Address	!\$SW10
Display Address 1	
Display Address 2	
Style	
Action	Display Pop-up Menu
Set Value	<input type="checkbox"/> 0
Increment/Decrement	<input type="checkbox"/> 1
Pop-up Settings	Push
Function	Push
Type	<input type="checkbox"/> Rectangle
Color 1	<input type="checkbox"/>
Color 2	<input type="checkbox"/>
Color 3	<input type="checkbox"/>
Color 4	<input type="checkbox"/>
Color 5	<input type="checkbox"/>
Color 6	<input type="checkbox"/>
Color 7	<input type="checkbox"/>
Color 8	<input type="checkbox"/>
Color 9	<input type="checkbox"/>
Color 10	<input type="checkbox"/>
Do NOT allow sound	<input type="checkbox"/>
Group Specification	
Storage Format	INT(Singed 1 word)
General Text Layout/Frame Action Macro Co	

Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

Transferring
a project

ADD

Screen

Add

Popup

Screen

[1]
[Menu] → "English"
[Set Value] → "0"
[2]
[Menu] → "Dutch"
[Set Value] → "1"

ok

OK

Pop-up Setting

Switch: English Apply the same set value to the whole labels.

	Menu	Set Value

Pop-up Setting

Switch: English Apply the same set value to the whole labels.

	Menu	Set Value
1	English	0

Pop-up Setting

Switch: English Apply the same set value to the whole labels.

	Menu	S
1	English	0
2	Dutch	1

Menu Display

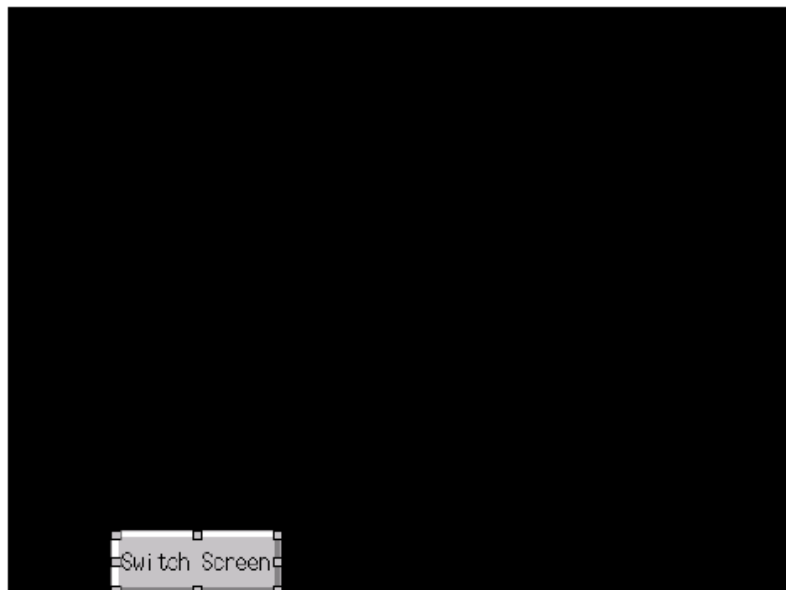
Menu Display

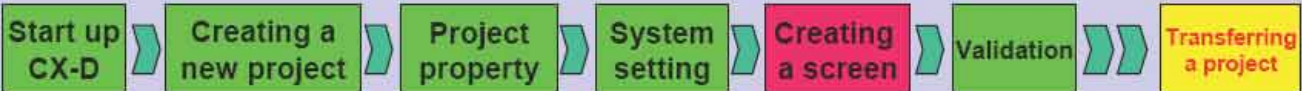
Menu Display

Above the button

OK

Cancel

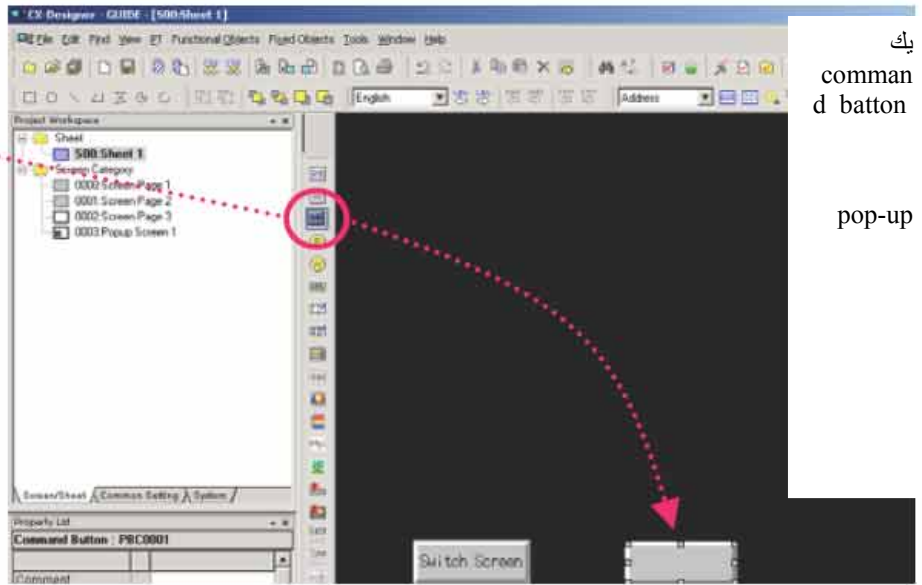




روي
ليست كليك كنيد
از command button



Command Button
Command Button
pop-up



يك
command
d button
pop-up

property list
:

Lebal :
Vritual Alarm

Function :
Push button

Property List	
Command Button : PBC0001	
Label	Virtual Alarm
Font	Standard
Size	1x1
Fit the Object Size	<input type="checkbox"/>
Italic	<input type="checkbox"/>
Bold	<input type="checkbox"/>
Vertical Position	Center
Horizontal Position	Center
Color	<input type="checkbox"/>
Switch label: accordin Method	<input type="checkbox"/>
Link with the Specific	
Switch label: accordin	<input type="checkbox"/>
File Name	
Character Code	
Specify external file	<input type="checkbox"/>
File	
Address specifying	
Character Code	
Clear Display when	<input type="checkbox"/>

Property List	
Command Button : PBC0001	
Comment	
Address	
Write Address	
Display Address 1	
Display Address 2	
Style	
Action	
Set Value	<input type="checkbox"/> 0
Increment/Decrement	<input type="checkbox"/> 0
Pop-up Settings	
Function	Push
Type	<input type="checkbox"/> Rectangle
Color 1	<input type="checkbox"/>
Color 2	<input type="checkbox"/>
Color 3	<input type="checkbox"/>
Color 4	<input type="checkbox"/>
Color 5	<input type="checkbox"/>
Color 6	<input type="checkbox"/>
Color 7	<input type="checkbox"/>
Color 8	<input type="checkbox"/>
Color 9	<input type="checkbox"/>
Color 10	<input type="checkbox"/>
Do NOT allow sound	<input type="checkbox"/>
Group Specification	
Storage Format	

Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating a
screen

Validation

Transferring
a project

select

screen list

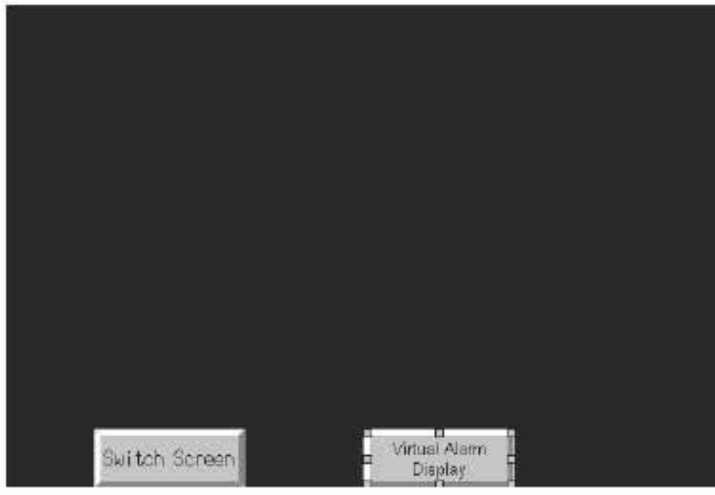
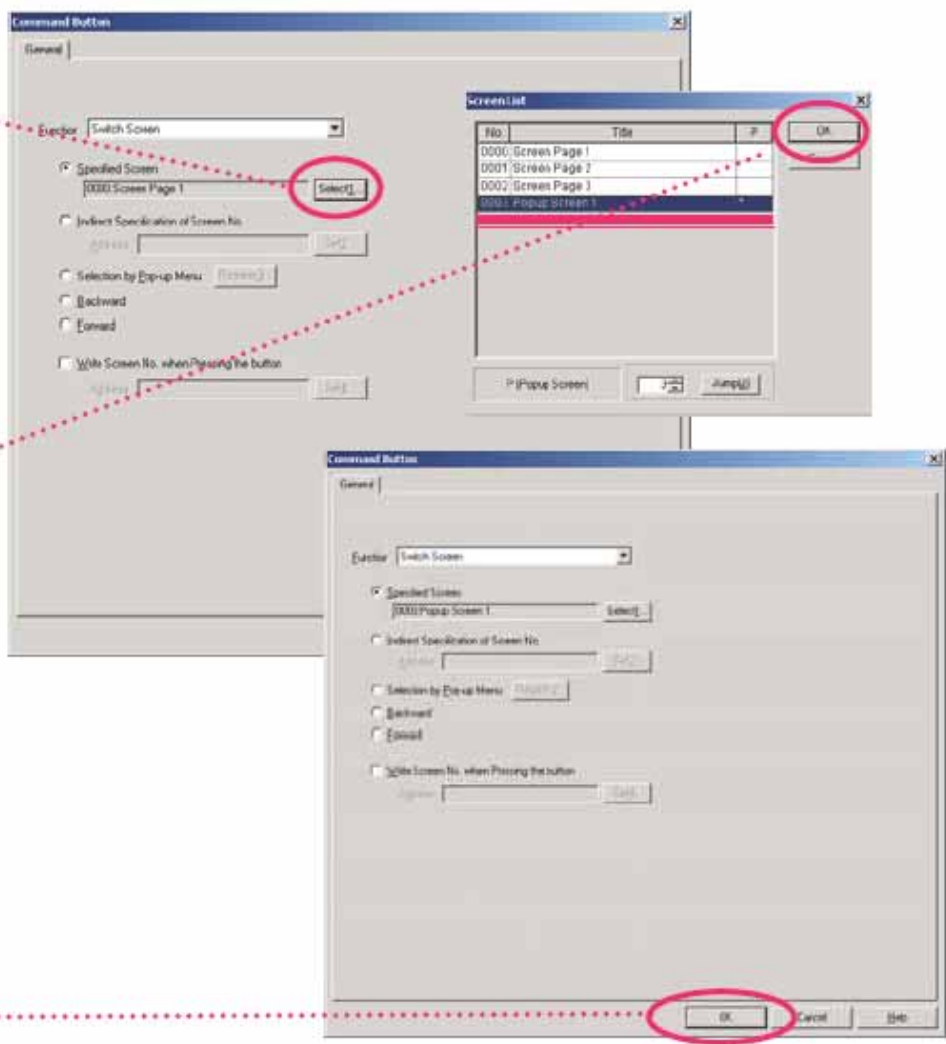
Pop-up 1

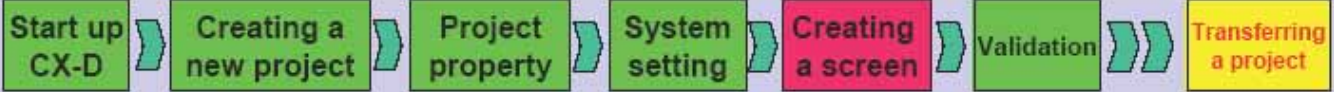
ok

OK

ok

OK





(cmd button)

Virtual Alarm Display
screen1

screen3

function

push button

button

[Screen 1]
[Specified Screen]
→ "0000: Screen 1"

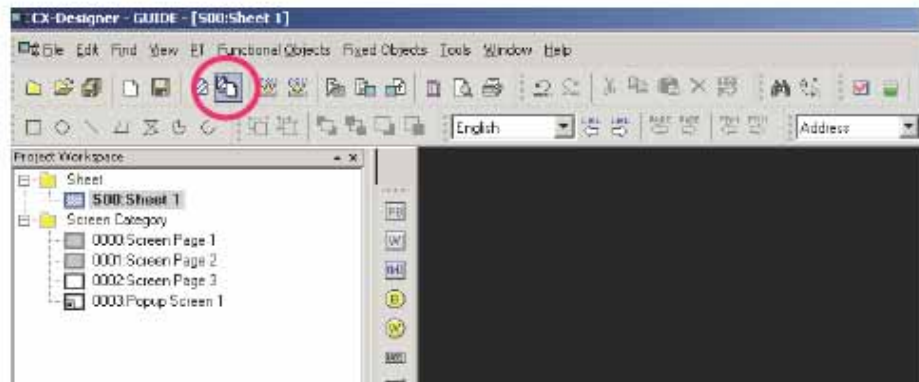
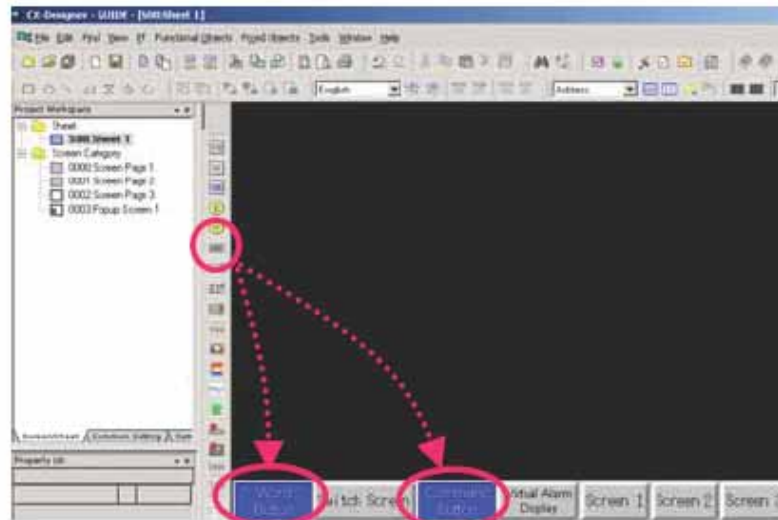
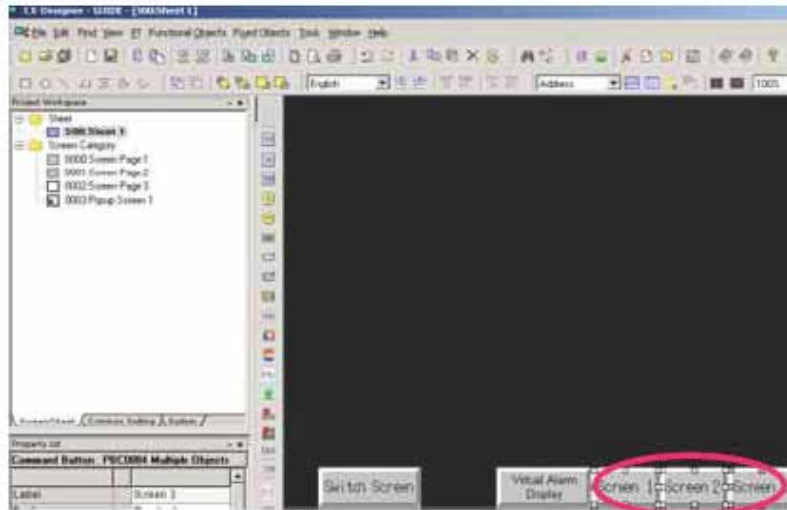
[Screen 2]
[Specified Screen]
→ "0001: Screen 2"

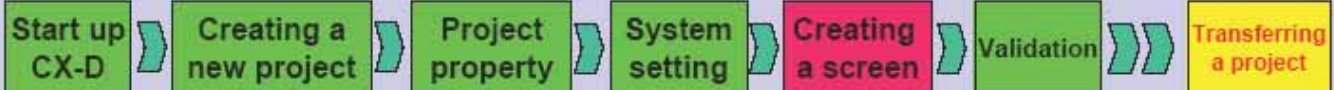
[Screen 3]
[Specified Screen]
→ "0002: Screen 3"

Label

[Label]
→ "Word Button"

[Label]
→ "Command Button"



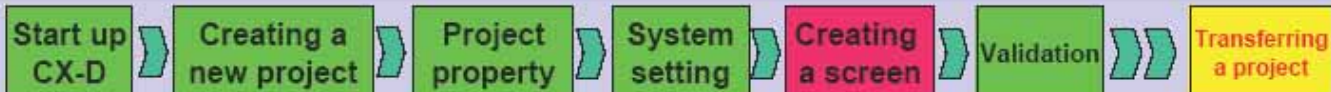


Sheet NO 0
Screen NO

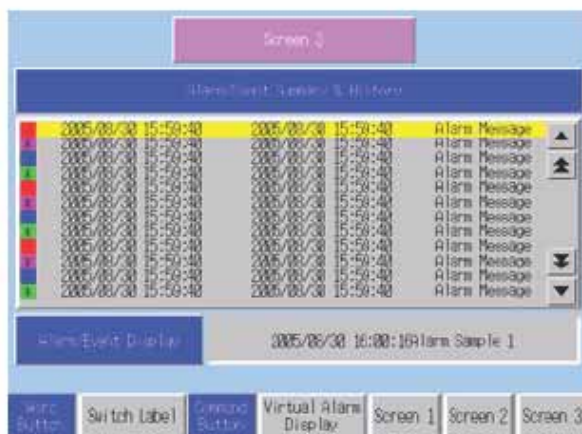
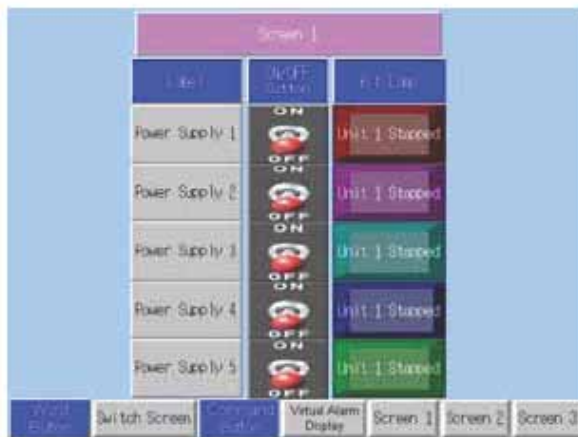
OK

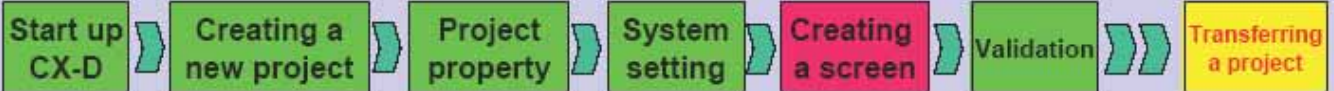
OK


Screen No.	0	1	2	3	4	5	6	7	8	9	Title
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Screen Page 1
0001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Screen Page 2
0002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Screen Page 3
0003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Popup Screen 1



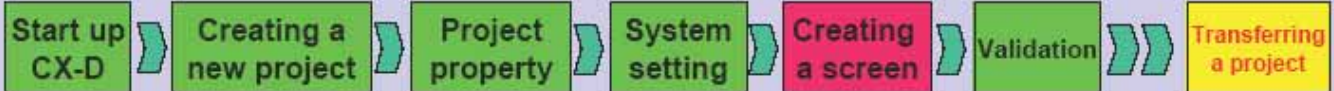
صفحاتی که تا اینجا ساخته شده است در زیر نشان داده شده است






 Label/Message
 ok
 OK
 Whole Project
 ASCII Code
 ok
 OK
)
 (label
 save
 Save
 ok
 OK

CX-Designer - GUIDE - [0000ScreenPage 1]
 Export target selection
 Select the export target.
 Target:
 Label/Message
 Alarm/E vent
 Confirmation Dialog Setting
 OK Cancel
 Label CSV Export
 Output Range
 Whole Project
 Screen/Sheet No. Start: [0] End: [0]
 Start: [0] End: [0]
 Output Code
 Unicode
 ASCII Code
 OK Cancel
 Save As
 Save in: Sample
 GUIDE
 GUIDE.csv
 File name: Label
 Save as type: CSV File (*.csv)
 Save Cancel
 CX-Designer
 Completed.
 OK



excel

Data/Get External Data/Import Text File...

PRJ	Title	Parts ID	Parts Com	Property	English	Dutch
Project				AlarmMessage-0	Alarm 1	Alarm 1
Project				AlarmMessage-1	Alarm 2	Alarm 2
Project				AlarmMessage-2	Alarm 3	Alarm 3
Project				AlarmMessage-3	Alarm 4	Alarm 4
Project				AlarmMessage-4	Alarm 5	Alarm 5
Project				AlarmMessage-5	Alarm 6	Alarm 6
Project				AlarmMessage-6	Alarm 7	Alarm 7
Project				AlarmMessage-7	Alarm 8	Alarm 8
Project				AlarmMessage-8	Alarm 9	Alarm 9



Screen	Screen Page	Parts ID	Property	English	Dutch
Screen-0	Screen Page1	PB0006	Caption-ON		
Screen-0	Screen Page1	LBL0007	Caption	LABEL	LABEL
Screen-0	Screen Page1	LBL0008	Caption	Power Supply1	Voeding1
Screen-0	Screen Page1	LBL0009	Caption	Power Supply2	Voeding2
Screen-0	Screen Page1	LBL0010	Caption	Power Supply3	Voeding3
Screen-0	Screen Page1	LBL0011	Caption	Power Supply4	Voeding4
Screen-0	Screen Page1	LBL0012	Caption	Power Supply5	Voeding5
Screen-0	Screen Page1	LBL0013	Caption	Bit Lamp	Bit Lamp
Screen-0	Screen Page1	PL0014	Caption-OFF	Unit 1 Stopped	Unit1 Inactief
Screen-0	Screen Page1	PL0014	Caption-ON	Unit 1 Running	Unit1 Actief
Screen-0	Screen Page1	PL0015	Caption-OFF	Unit 2 Stopped	Unit2 Inactief
Screen-0	Screen Page1	PL0015	Caption-ON	Unit 2 Running	Unit2 Actief
Screen-0	Screen Page1	PL0016	Caption-OFF	Unit 3 Stopped	Unit3 Inactief
Screen-0	Screen Page1	PL0016	Caption-ON	Unit 3 Running	Unit3 Actief
Screen-0	Screen Page1	PL0017	Caption-OFF	Unit 4 Stopped	Unit4 Inactief
Screen-0	Screen Page1	PL0017	Caption-ON	Unit 4 Running	Unit4 Actief
Screen-0	Screen Page1	PL0018	Caption-OFF	Unit 5 Stopped	Unit5 Inactief
Screen-0	Screen Page1	PL0018	Caption-ON	Unit 5 Running	Unit5 Actief
Screen-1	Screen Page2	LBL0000	Caption	Screen 2	Screen 2
Screen-1	Screen Page2	LBL0001	Caption	Frame	Frame
Screen-1	Screen Page2	LBL0003	Caption	Light Alarm Display	Laag Alarm View
Screen-1	Screen Page2	LBL0004	Caption	High Alarm Display	Hoog Alarm View

Label ها رابه زبان هلندي براي screen page1

Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

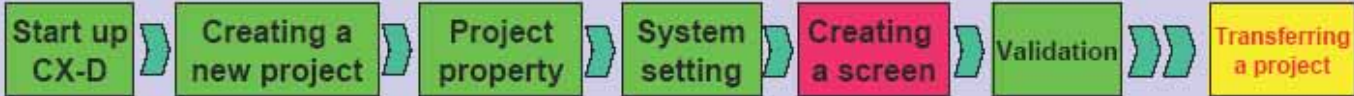
Validation

Transferring
a project

screen page2
Label 3

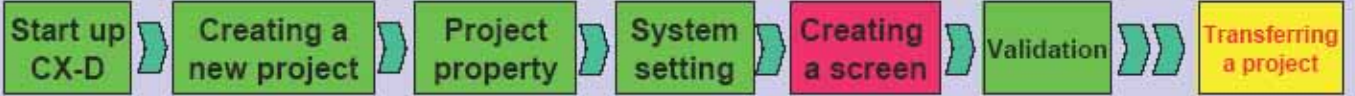
A	B	C	D	E	F	G
49	Screen-1	Screen Page2	LBL0000	Caption	Screen 2	Scherm 2
50	Screen-1	Screen Page2	LBL0001	Caption	Frame	Frame
51	Screen-1	Screen Page2	LBL0003	Caption	Light Alarm Display	Laag Alarm View
52	Screen-1	Screen Page2	LBL0004	Caption	High Alarm Display	Hoog Alarm View
53	Screen-1	Screen Page2	PLD0005	Caption		
54	Screen-1	Screen Page2	PLD0006	Caption		
55	Screen-1	Screen Page2	PLD0007	Caption		
56	Screen-1	Screen Page2	PLD0008	Caption		
57	Screen-1	Screen Page2	PLD0009	Caption		
58	Screen-1	Screen Page2	PLD0010	Caption		
59	Screen-1	Screen Page2	LBL0011	Caption	Alarm 1	Alarm 1
60	Screen-1	Screen Page2	LBL0012	Caption	Alarm 2	Alarm 2
61	Screen-1	Screen Page2	LBL0013	Caption	Alarm 3	Alarm 3
62	Screen-1	Screen Page2	LBL0014	Caption	Alarm 4	Alarm 4
63	Screen-1	Screen Page2	LBL0015	Caption	Alarm 5	Alarm 5
64	Screen-1	Screen Page2	LBL0016	Caption	Alarm 6	Alarm 6
65	Screen-1	Screen Page2	PLD0017	Caption		
66	Screen-1	Screen Page2	PLD0018	Caption		
67	Screen-1	Screen Page2	PLD0019	Caption		
68	Screen-1	Screen Page2	PLD0020	Caption		
69	Screen-1	Screen Page2	PLD0021	Caption		
70	Screen-1	Screen Page2	PLD0022	Caption		
71	Screen-1	Screen Page2	LBL0023	Caption	Alarm 7	Alarm 7
72	Screen-1	Screen Page2	LBL0024	Caption	Alarm 8	Alarm 8
73	Screen-1	Screen Page2	LBL0025	Caption	Alarm 9	Alarm 9
74	Screen-1	Screen Page2	LBL0026	Caption	Alarm 10	Alarm 10
75	Screen-1	Screen Page2	LBL0027	Caption	Alarm 11	Alarm 11
76	Screen-1	Screen Page2	LBL0028	Caption	Alarm 12	Alarm 12
77	Screen-1	Screen Page2	LBL0029	Caption	Present Value	Huidige Waarde
78	Screen-1	Screen Page2	LBL0030	Caption	Set Value	Set Waarde
79	Screen-1	Screen Page2	PEW00033	Caption	Transfer	Versturen
80	Screen-1	Screen Page2	LBL0034	Caption	Word Button	Word Knop
81	Screen-1	Screen Page2	LBL0035	Caption	Numerical Input \n& Display	Numeriek \n/Weergave \n& Ingave
82	Screen-1	Screen Page2	LBL0036	Caption	Label	Label
83	Screen-2	Screen Page3	LBL0000	Caption	Screen 3	Scherm 3

A	B	C	D	E	F	G
83	Screen-2	Screen Page3	LBL0000	Caption	Screen 3	Scherm 3
84	Screen-2	Screen Page3	LBL0001	Caption	Alarm/Event Display	Alarm/Event Weergave
85	Screen-2	Screen Page3	LBL0004	Caption	Alarm/Event Summary & History	Alarm/Event Historie
86	Screen-3	Pop-up Screen1	LBL0000	Caption	Pop-up Screen	Pop-up Schem



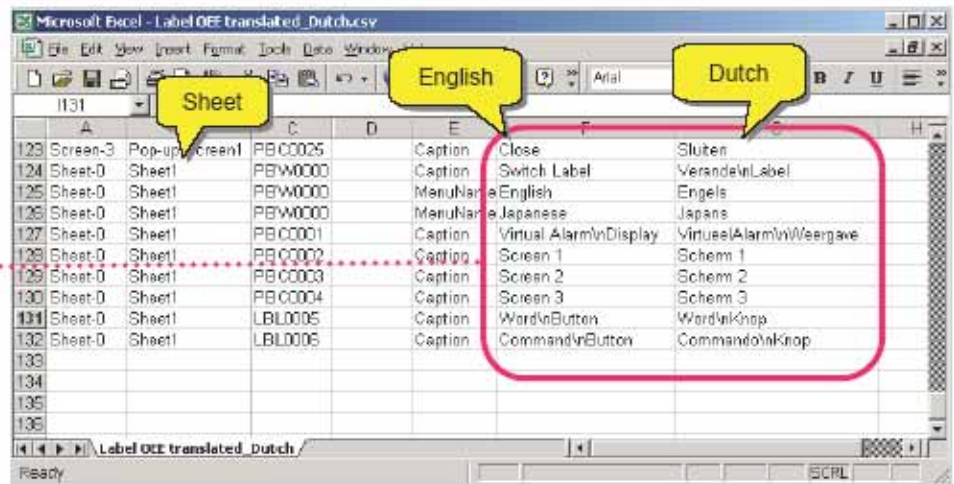
pop-
Label up

	A	B	C	D	E	F	G
95	Screen-3	Pop-up Screen1	LBL0000		Caption	Pop-up Screen	Pop-up Schem
97	Screen-3	Pop-up Screen1	PB0001		Caption-OFF		
98	Screen-3	Pop-up Screen1	PB0001		Caption-ON		
99	Screen-3	Pop-up Screen1	LBL0002		Caption	Alarm 1	Alarm 1
90	Screen-3	Pop-up Screen1	LBL0003		Caption	Alarm 2	Alarm 2
91	Screen-3	Pop-up Screen1	LBL0004		Caption	Alarm 3	Alarm 3
92	Screen-3	Pop-up Screen1	LBL0005		Caption	Alarm 4	Alarm 4
93	Screen-3	Pop-up Screen1	LBL0006		Caption	Alarm 5	Alarm 5
94	Screen-3	Pop-up Screen1	LBL0007		Caption	Alarm 6	Alarm 6
95	Screen-3	Pop-up Screen1	PB0008		Caption-OFF		
96	Screen-3	Pop-up Screen1	PB0008		Caption-ON		
97	Screen-3	Pop-up Screen1	PB0009		Caption-OFF		
98	Screen-3	Pop-up Screen1	PB0009		Caption-ON		
99	Screen-3	Pop-up Screen1	PB0010		Caption-OFF		
100	Screen-3	Pop-up Screen1	PB0010		Caption-ON		
101	Screen-3	Pop-up Screen1	PB0011		Caption-OFF		
102	Screen-3	Pop-up Screen1	PB0011		Caption-ON		
103	Screen-3	Pop-up Screen1	PB0012		Caption-OFF		
104	Screen-3	Pop-up Screen1	PB0012		Caption-ON		
105	Screen-3	Pop-up Screen1	LBL0013		Caption	Alarm 7	Alarm 7
106	Screen-3	Pop-up Screen1	PB0014		Caption-OFF		
107	Screen-3	Pop-up Screen1	PB0014		Caption-ON		
108	Screen-3	Pop-up Screen1	LBL0015		Caption	Alarm 8	Alarm 8
109	Screen-3	Pop-up Screen1	LBL0016		Caption	Alarm 9	Alarm 9
110	Screen-3	Pop-up Screen1	LBL0017		Caption	Alarm 10	Alarm 10
111	Screen-3	Pop-up Screen1	LBL0018		Caption	Alarm 11	Alarm 11
112	Screen-3	Pop-up Screen1	LBL0019		Caption	Alarm 12	Alarm 12
113	Screen-3	Pop-up Screen1	PB0020		Caption-OFF		



sheet

Label

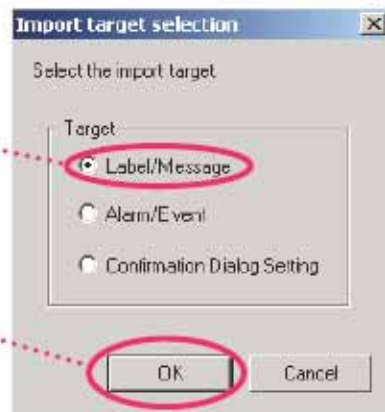


Save the file when you have finished editing.

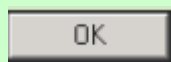
[CSV File Import]



Label/Message



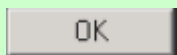
ok

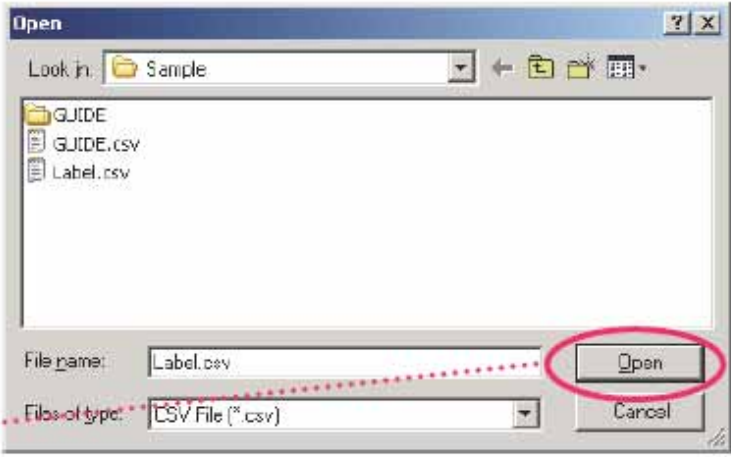
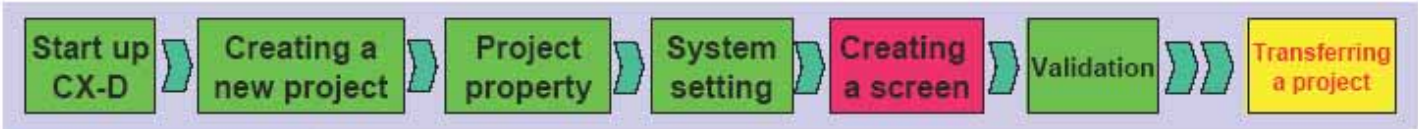


[Apply the text Attributes of specified NO. (A)]

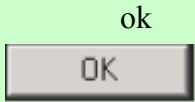
English Label

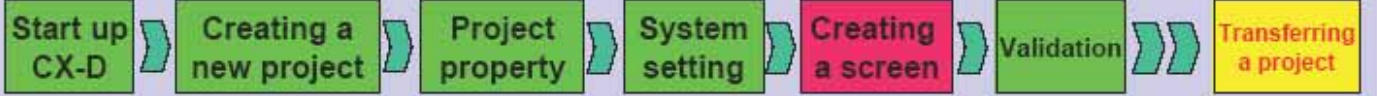
ok





open

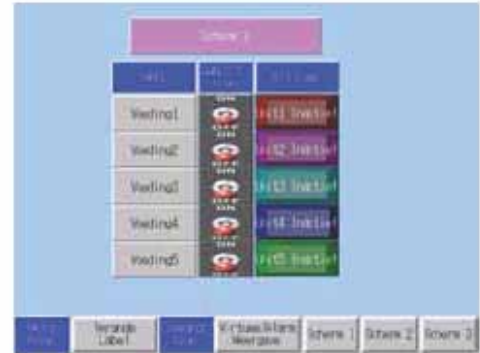




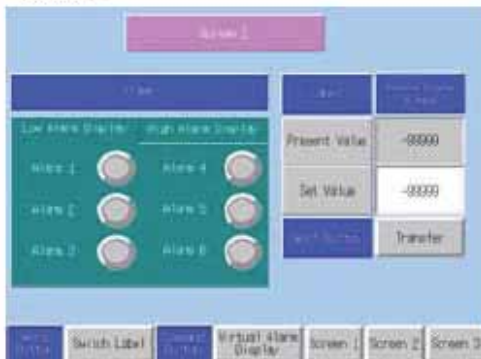
English Labels
Screen 1



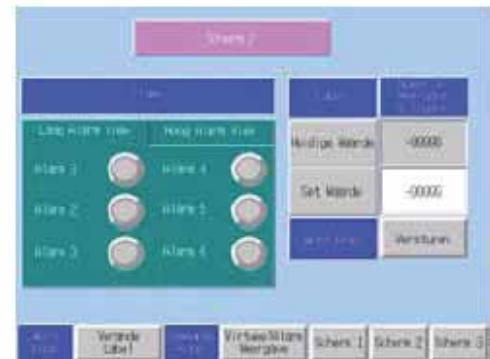
Dutch Labels
Screen 1



Screen 2



Screen 2



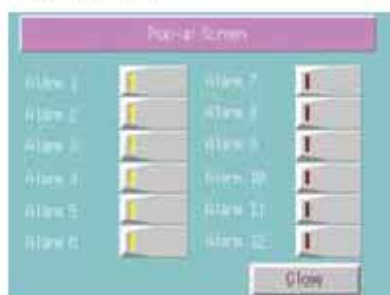
Screen 3



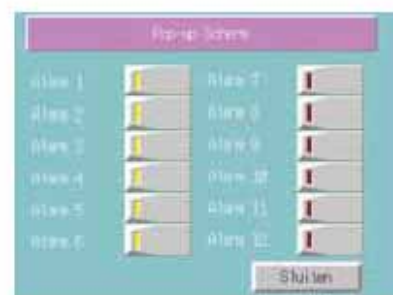
Screen 3

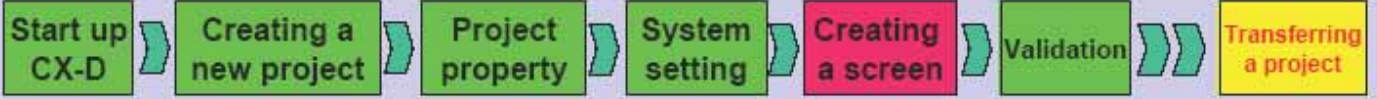


Pop-up Screen



Pop-up Screen



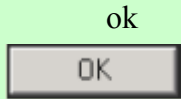


Alarm/Event

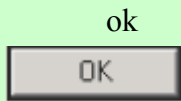
[CSV File Export]



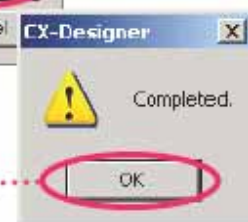
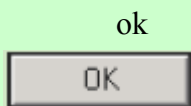
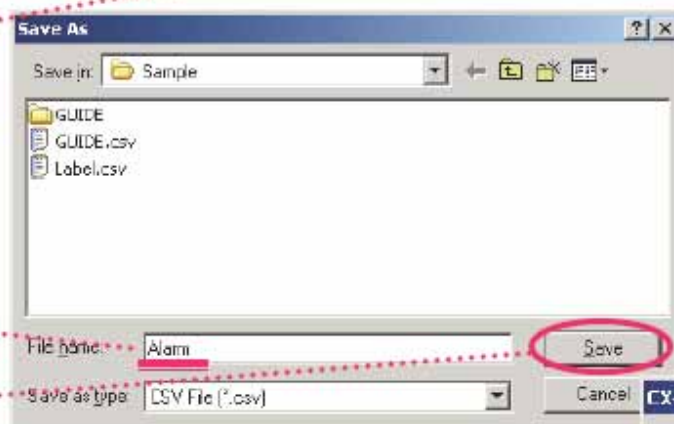
Alarm/Event

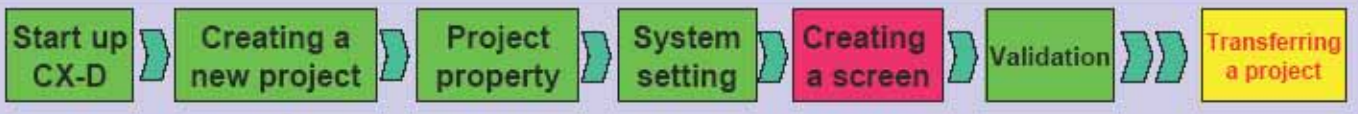


ASCII Code



(Alarm Save





excel

Data/Get External Data/Import Text File

Address	Priority	Display	Type	Group	N	Group	Auto	Swit	Screen	N	Auto	Del	Save	Hts	Occur	Released	Detection	Label	Alarm	Messag	Label	Alarm	Mess
HOST1.00001.00	1	lowalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 1	Alarm 1											
HOST1.00001.01	1	lowalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 2	Alarm 2											
HOST1.00001.02	1	lowalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 3	Alarm 3											
HOST1.00001.03	1	lowalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 4	Alarm 4											
HOST1.00001.04	1	lowalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 5	Alarm 5											
HOST1.00001.05	1	lowalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 6	Alarm 6											
HOST1.00002.00	1	highalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 7	Alarm 7											
HOST1.00002.01	1	highalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 8	Alarm 8											
HOST1.00002.02	1	highalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 9	Alarm 9											
HOST1.00002.03	1	highalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 10	Alarm 10											
HOST1.00002.04	1	highalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 11	Alarm 11											
HOST1.00002.05	1	highalarm	0	FALSE	0	FALSE	TRUE	0	0	posedge	Alarm 12	Alarm 12											
HOST1.00000.00	1	event	0	FALSE	0	FALSE	TRUE	0	0	posedge	Unit 1 Start Running	Unit 1 Actial											
HOST1.00000.01	1	event	0	FALSE	0	FALSE	TRUE	0	0	posedge	Unit 2 Start Running	Unit2 Actial											
HOST1.00000.02	1	event	0	FALSE	0	FALSE	TRUE	0	0	posedge	Unit 3 Start Running	Unit3 Actial											
HOST1.00000.03	1	event	0	FALSE	0	FALSE	TRUE	0	0	posedge	Unit 4 Start Running	Unit4 Actial											
HOST1.00000.04	1	event	0	FALSE	0	FALSE	TRUE	0	0	posedge	Unit 5 Start Running	Unit5 Actial											

highalarm, Lowalarm event, را به زبان هلندي بنويسيد



[CSV Import File] كليك كنيد





Alarm/Event

OK

Add to Current Alarm

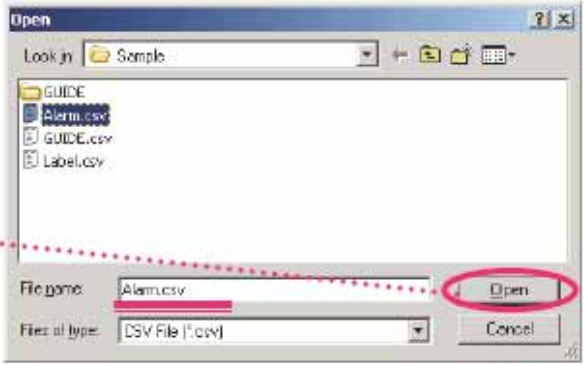
ok

OK

open

ok

OK



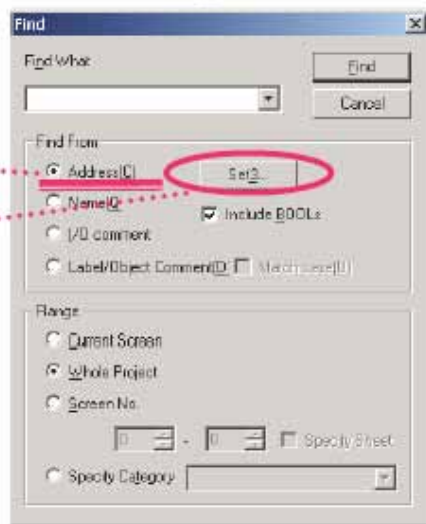
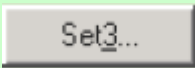


PLC CIO WORD0

[Find]



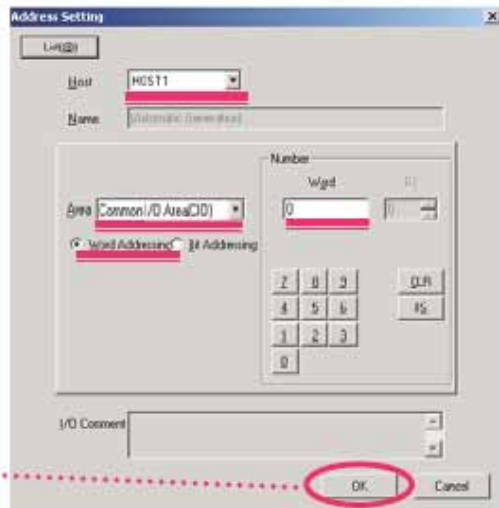
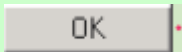
Address

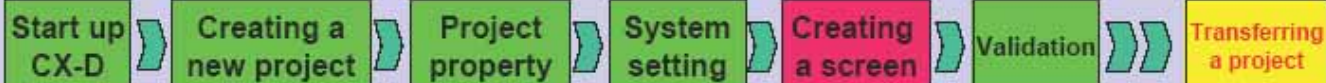


Host : Host1
Area : Common I/O
area (CIO)
Word Address

Word : 0

ok

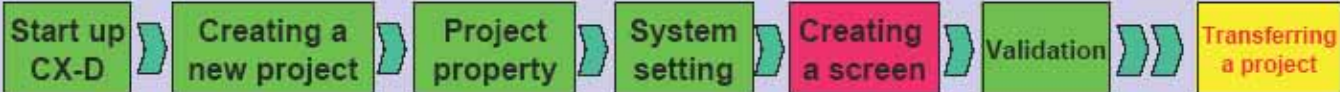




Find



Page	ID	Host	Name	Address	ID Comment	Label	Object Comment	Detailed Information
0000	PL0016	H08T1	AutoOn6	00000.04				BitLamp: DisplayAddress
0000	PL0017	H08T1	AutoOn5	00000.03				BitLamp: DisplayAddress
0000	PL0016	H08T1	AutoOn7	00000.02				BitLamp: DisplayAddress
0000	PL0015	H08T1	AutoOn6	00000.01				BitLamp: DisplayAddress
0000	PL0014	H08T1	AutoOn5	00000.00				BitLamp: DisplayAddress
0000	P00006	H08T1	AutoOn9	00000.04				ON/OFF Button: Write Address
0000	P00005	H08T1	AutoOn8	00000.03				ON/OFF Button: Write Address



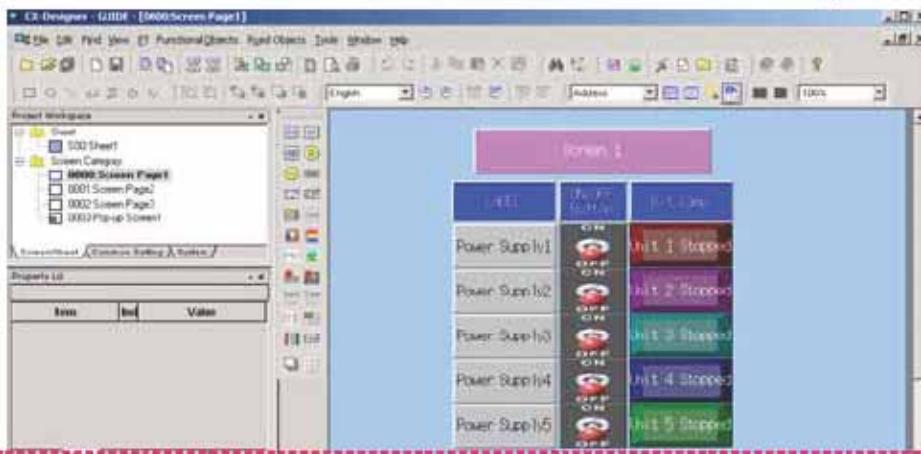
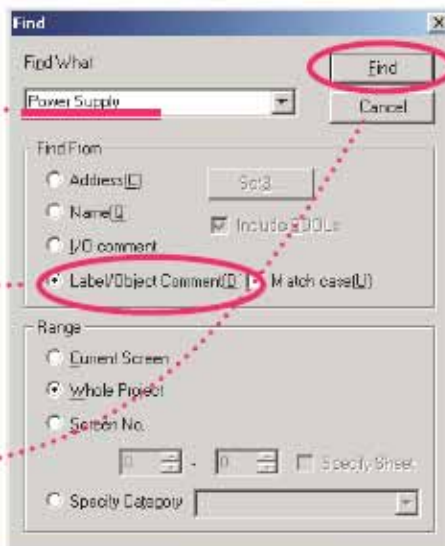
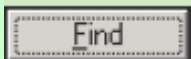
power supply

Label



Find What
Power Supply

Label/Object
Comment (D)



Page	ID	Inst	Name	Address	I/O Comment	Label	Object Comment	Default Information
0000	.LRL001					Power Supply	Label, Label	
0000	.LRL0011					Power Supply	Label, Label	
0000	.LRL0010					Power Supply	Label, Label	
0000	.LRL0001					Power Supply	Label, Label	
0000	.LRL0001					Power Supply	Label, Label	

Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

Validation

Transferring
a project

روي صفحه راست كليك
كنيد

از منوي باز شده گزينه
Select Object
را انتخاب كنيد

از ON/OFF Button
قسمت بالا انتخاب كنيد

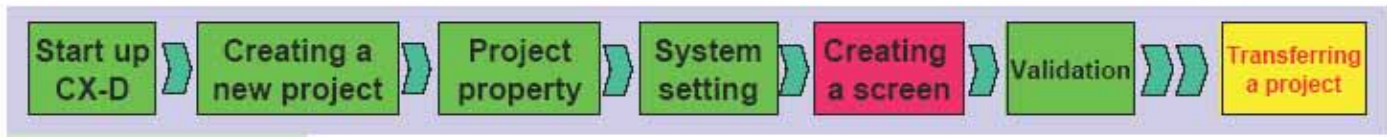
كليدهاي ON.OFF نمايش
داده مي شود

ON/OFF

The image shows a sequence of steps in a software application. It starts with a 'Screen Property' dialog box where the 'Select Object' option is highlighted. This leads to three 'Object List' windows. The first window shows a list of objects with 'PB0002' through 'PB0006' highlighted. The second window shows the 'ON/OFF Button' selected in the 'All types' dropdown. The third window shows the 'ON/OFF Button' selected in the 'Object Comment' column, with the corresponding rows highlighted. Finally, a screenshot of a control panel shows a vertical stack of buttons labeled 'ON' and 'OFF', with the top 'ON' button highlighted in red.

O	Object Comment	ID	X	Y
PB		PB0002	265	110
PB		PB0003	265	175
PB		PB0004	265	240
PB		PB0005	265	305
PB		PB0006	265	370
PL		PL0014	360	110
PL		PL0015	360	175
PL		PL0018	360	240
PL		PL0017	360	305
PL		PL0018	360	370
LBL		LBL0000	140	8
LBL		LBL0001	265	59
LBL		LBL0007	135	59
LBL		LBL0008	135	109

O	Object Comment	ID	X	Y
PB		PB0002	265	110
PB		PB0003	265	175
PB		PB0004	265	240
PB		PB0005	265	305
PB		PB0006	265	370



()

(GUIDE2)

(GUIDE)

0000 Screen Page1

Copy

CX-Designer

GUIDE2

CX-Designer

GUIDE

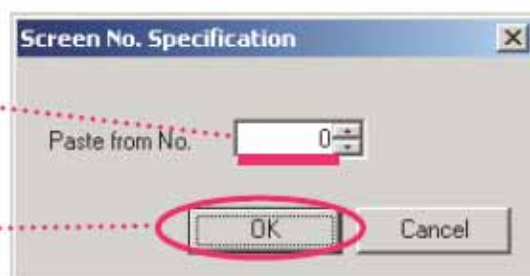
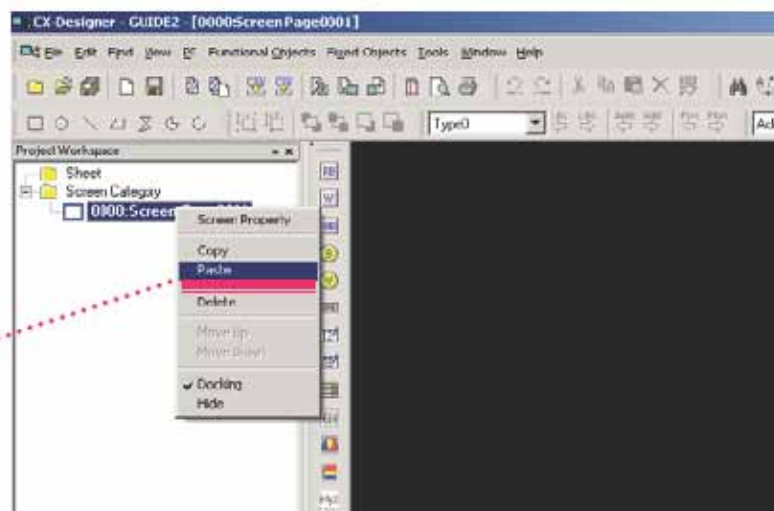
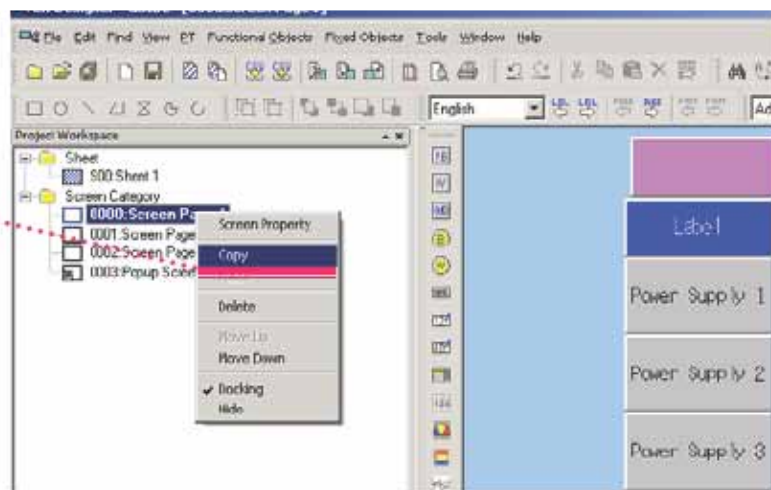
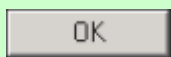
0000 Screen Page

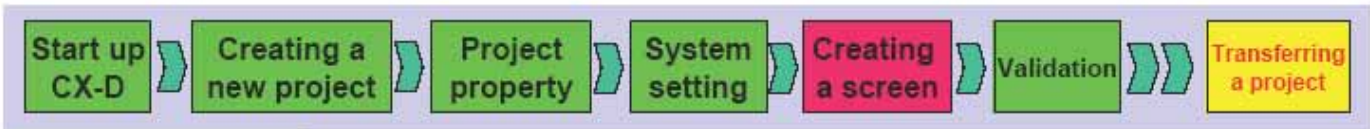
Pase

Past from No

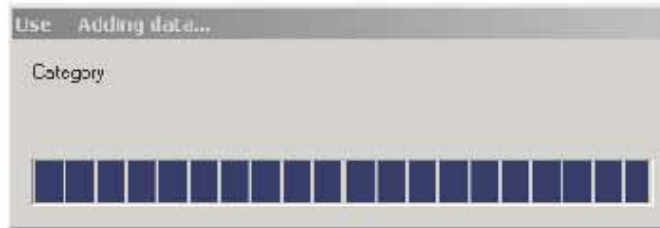
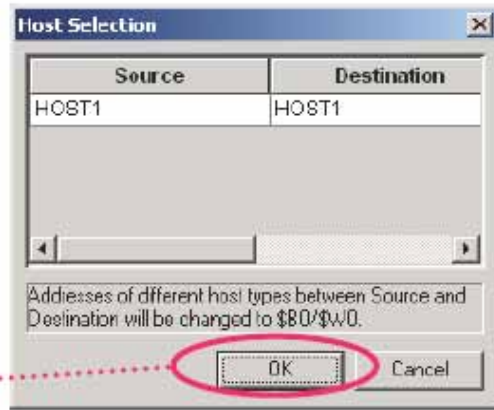
0

ok

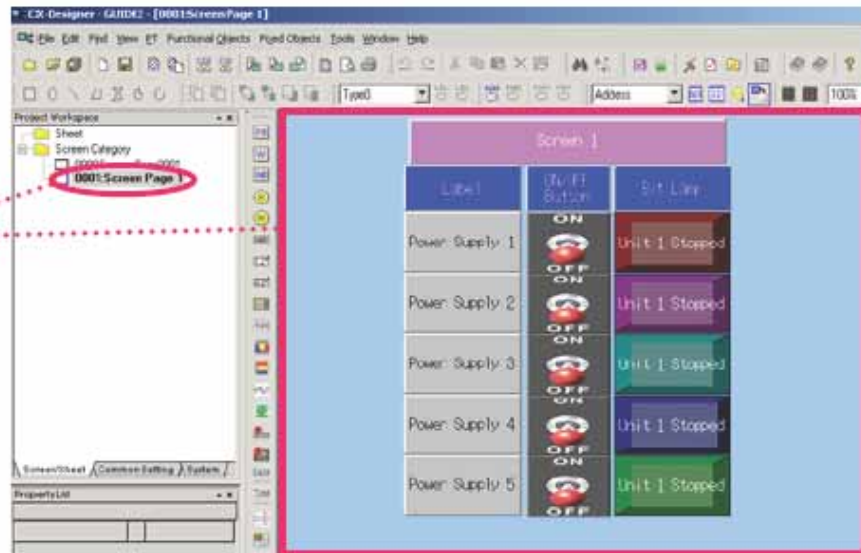




OK

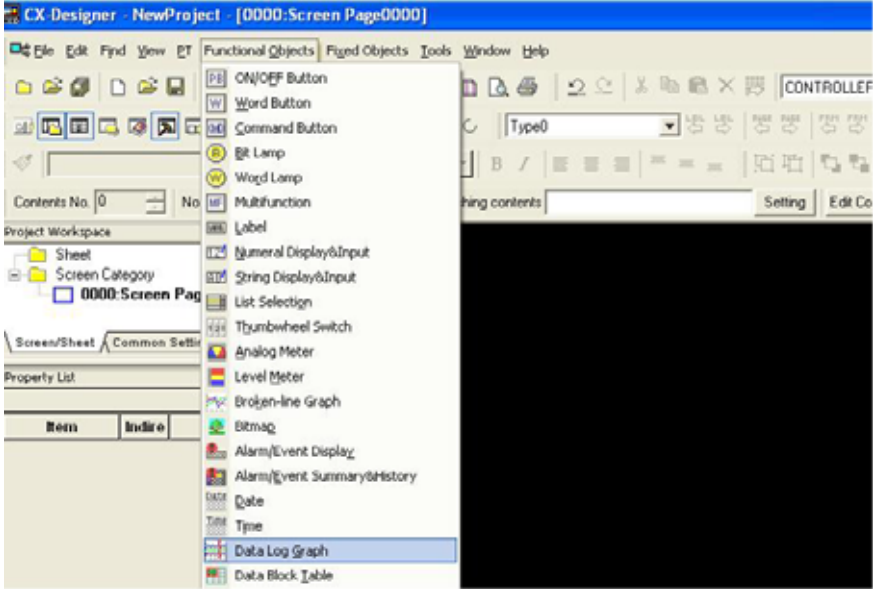


0000 Screen Page 1

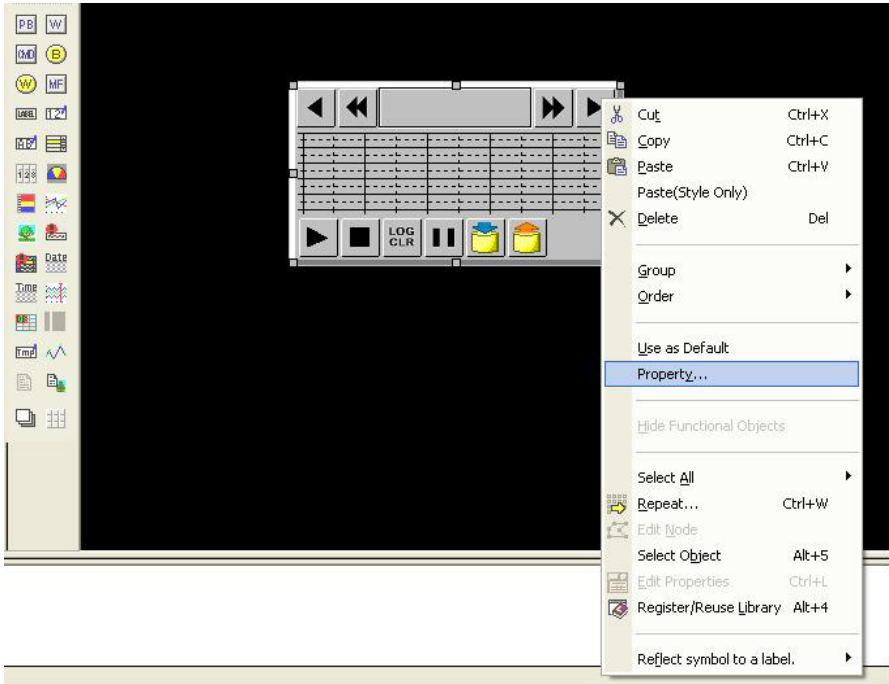


Data LOG Graph

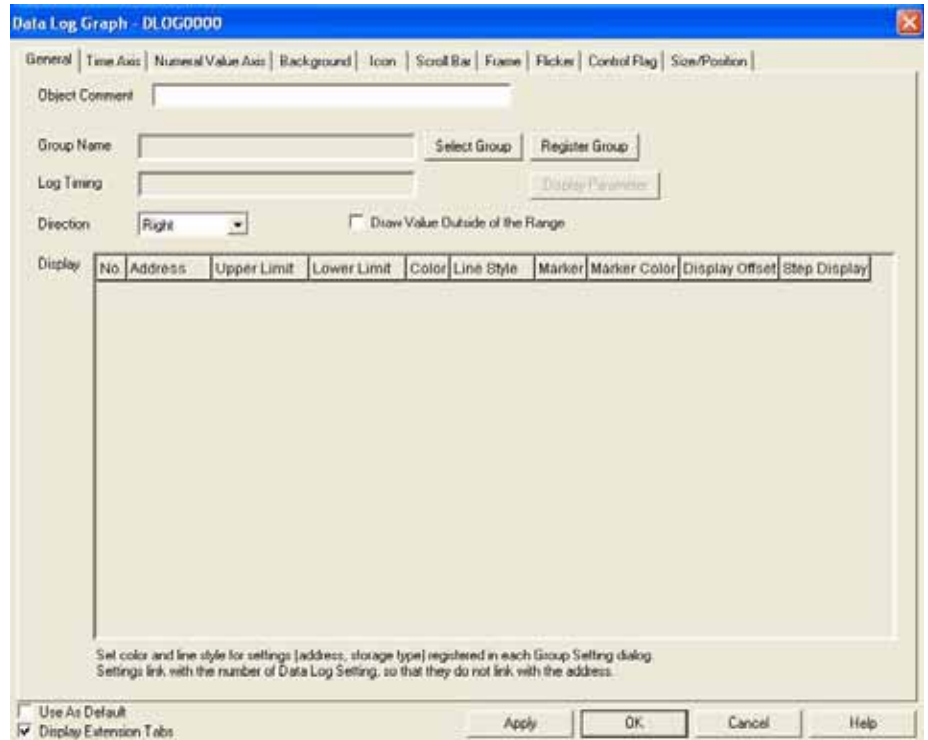
functional objects
Data Log Graph



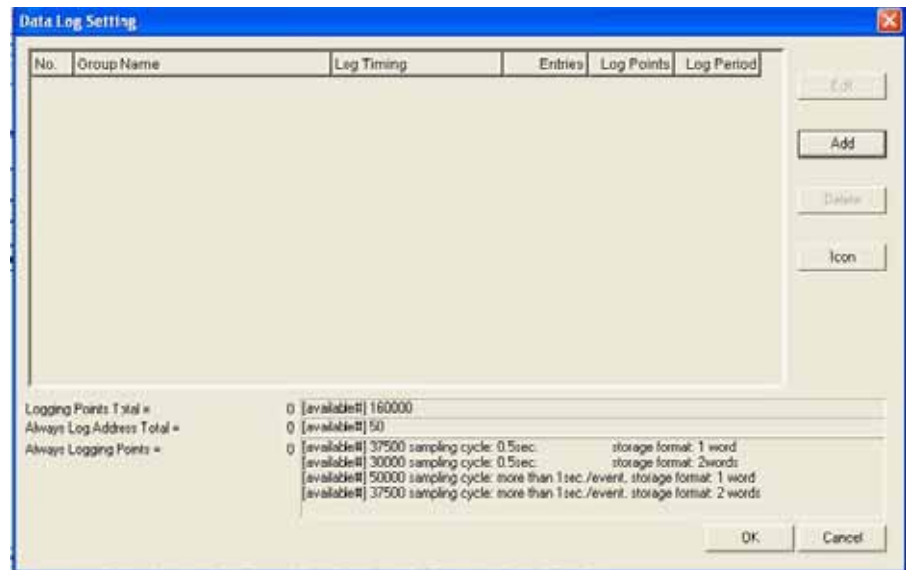
data log graph
property



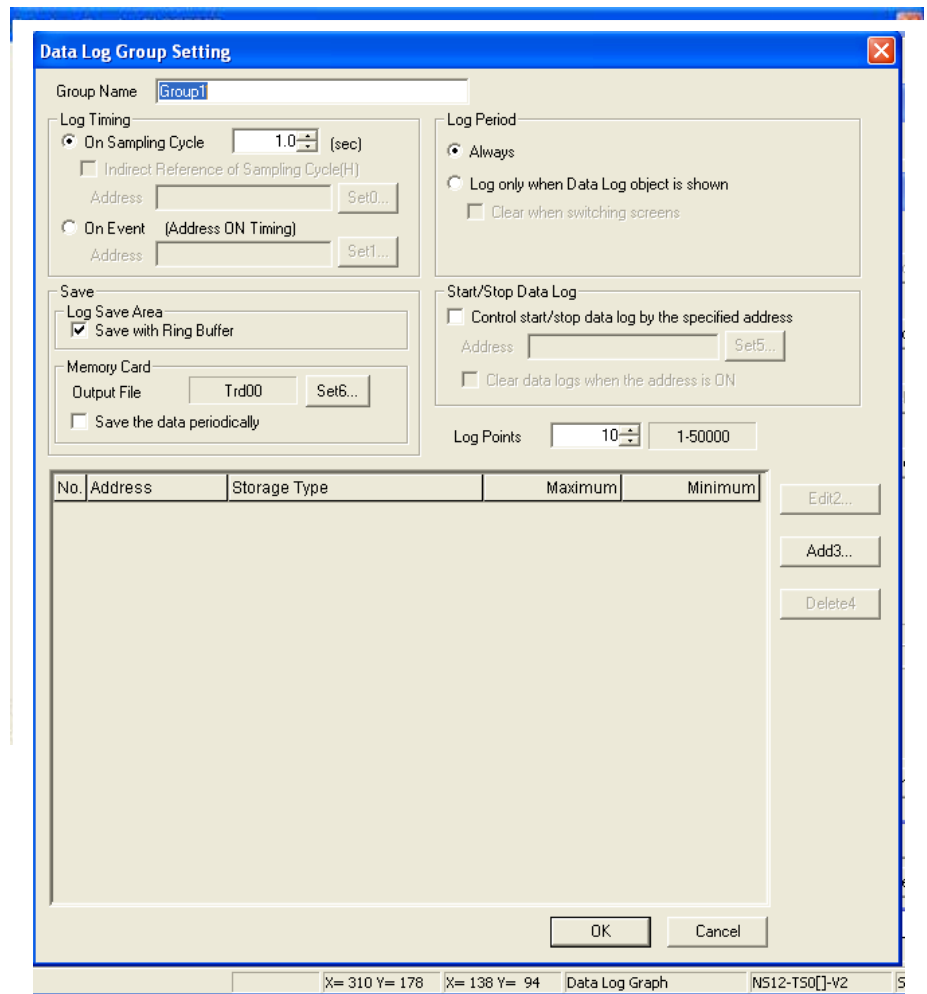
General
Register Group



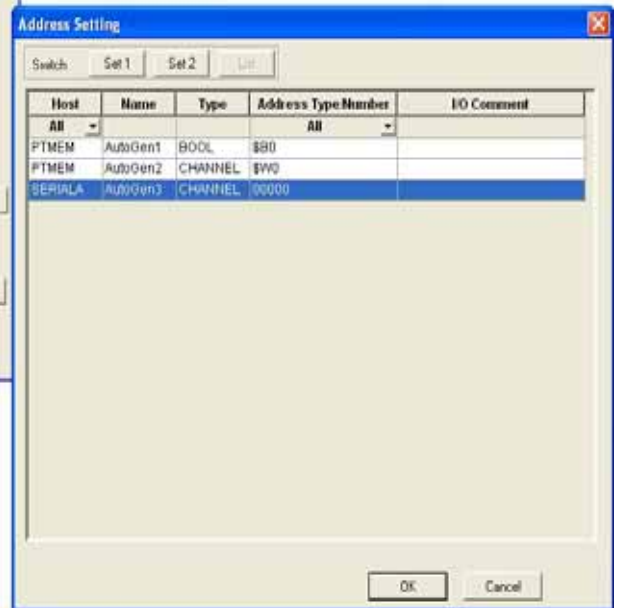
data log setting
add



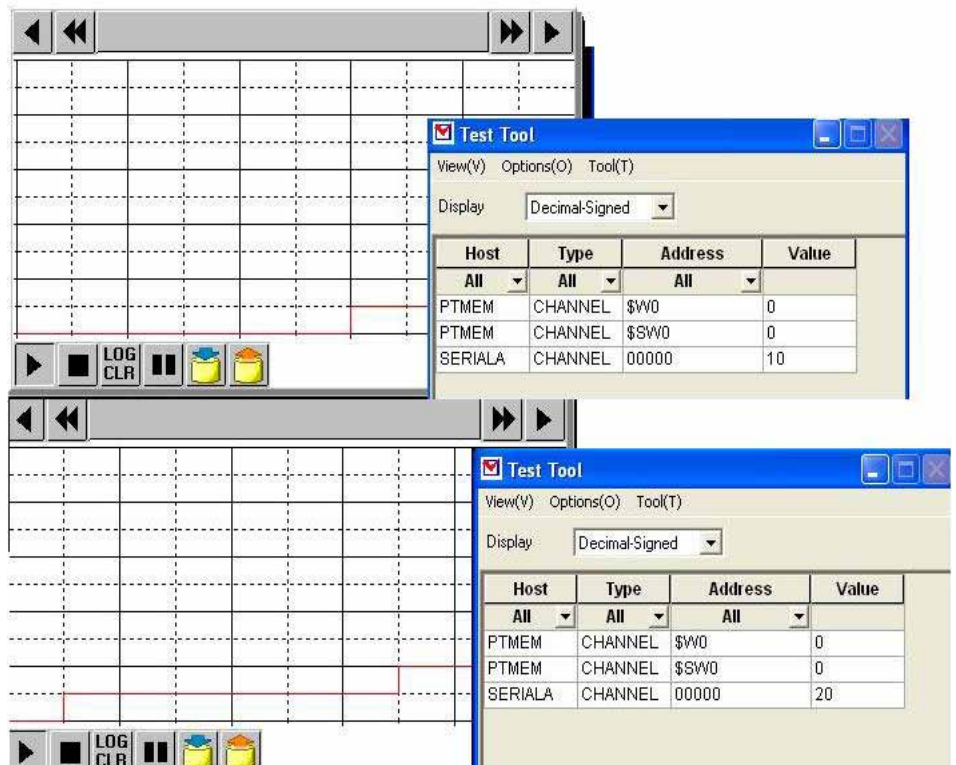
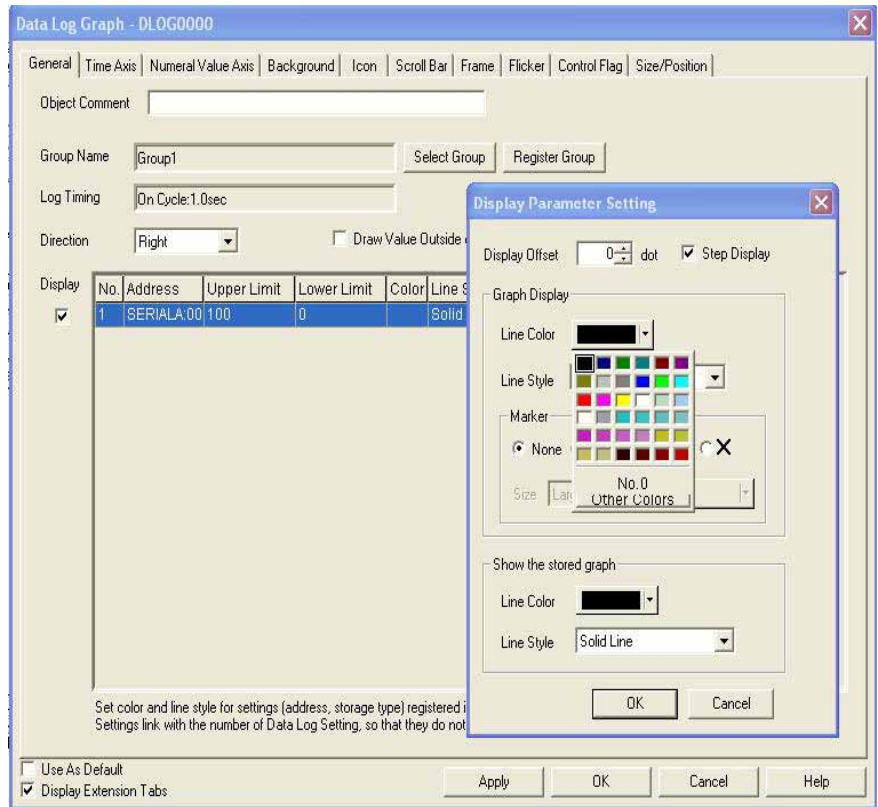
General
Register Group

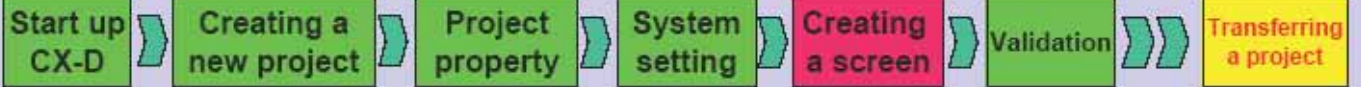


data log setting
add

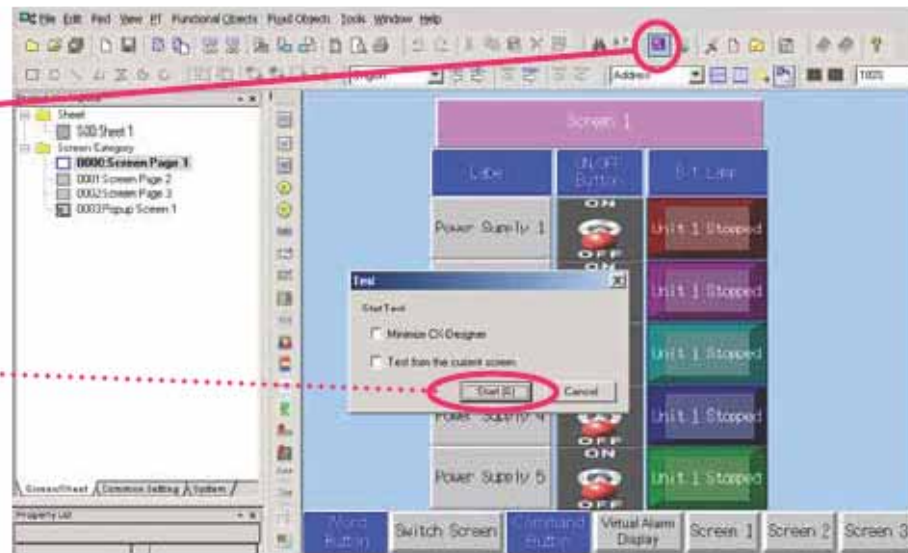


data log Graph
 display General
 color
 Double
 Display parameter setting



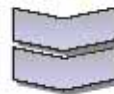


CX-Designer



روي
[TEST]

Start [G]

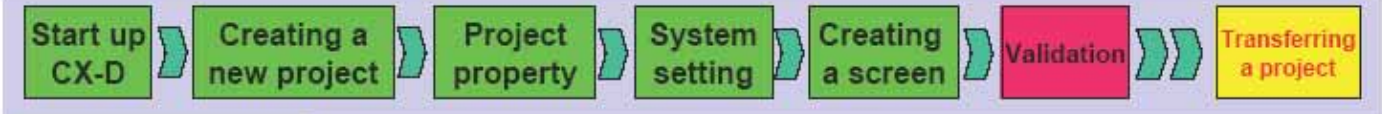


0000 Screen Page 1
Test Tool



ايجاد حرکت روي NS8
بوسيله كليك يك
Function Object
ممکن است

شما بطور مستقیم می توانید
مقدارها را روي TestTool
تغییر دهید



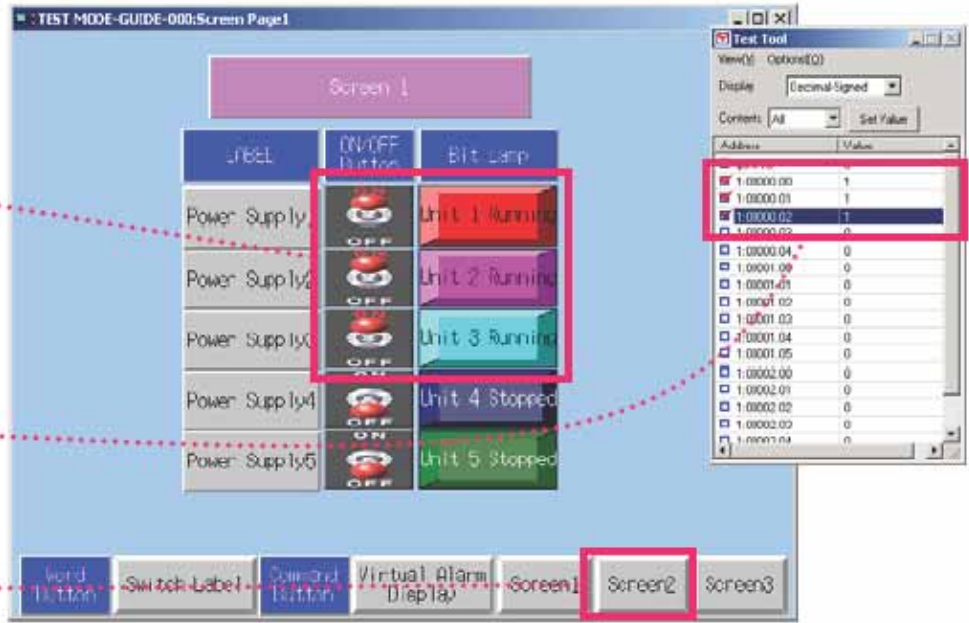
Bit Lamp ON/OFF

Power Bit Lamp
3 Supply1
ON/OFF

3 Power Supply1

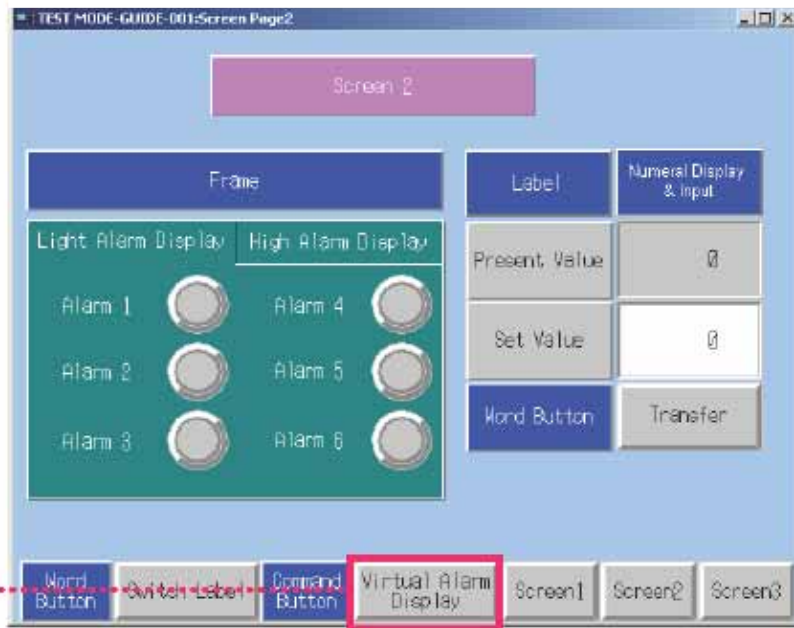
Test Tool

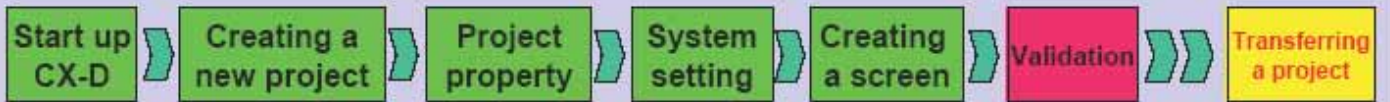
Screen 2



کلید Bit Lamp و ON/OFF های مربوط به الارمها را چک کنید

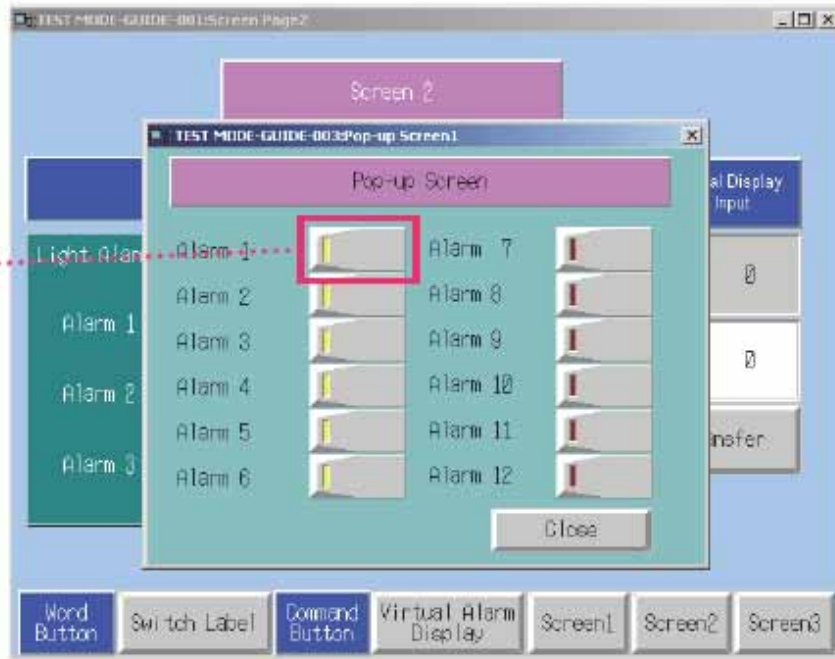
Virtual Alarm Display





Pop-up

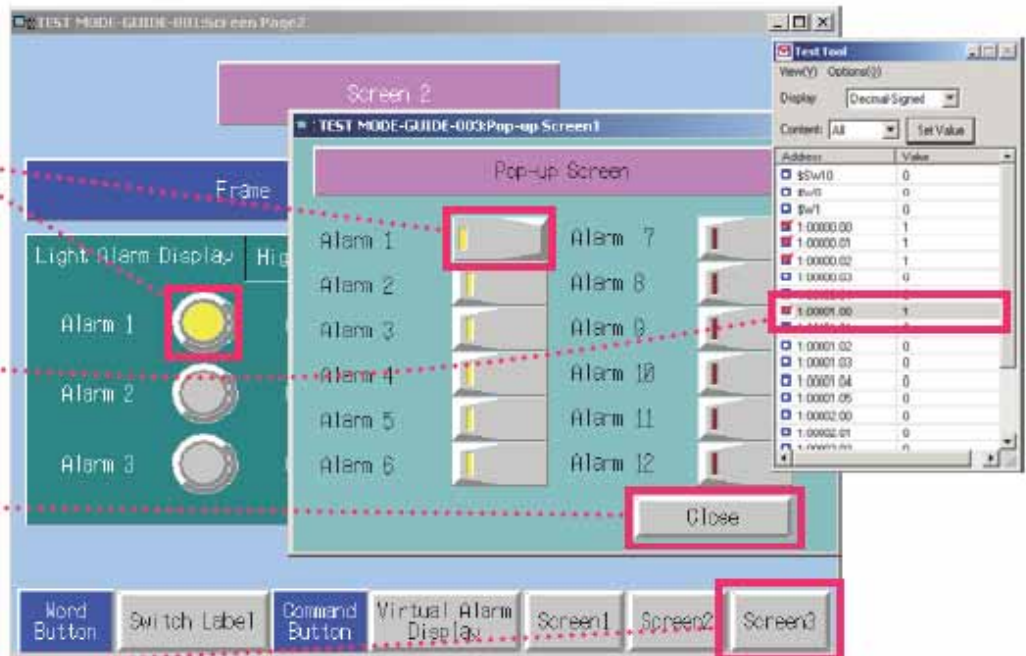
ON/OFF



Test Tool

CLOSE

Screen 3





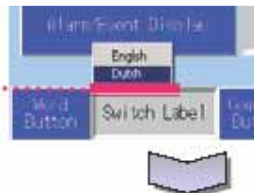
Alarm/Event



Switch Label

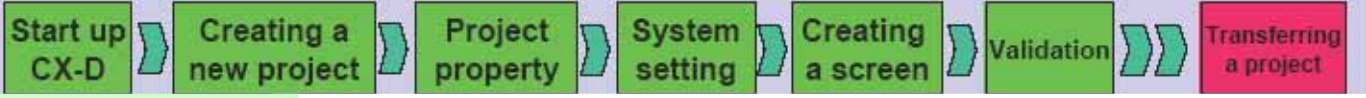
جك كر دن تغيير تحرك كلبد Switch Label

DUTCH



[X]
Test Tool





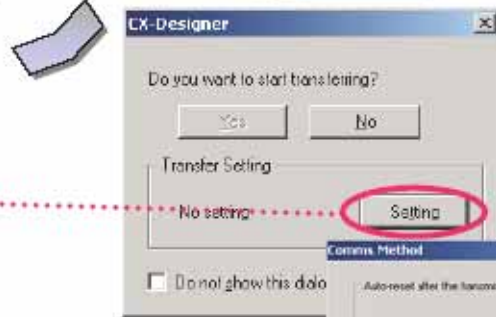
NS CX-Designer
 memory card usb controller link ethernet modem seial :
 memory card serial

(RS232C) serial
 NS (XW2Z-S002)

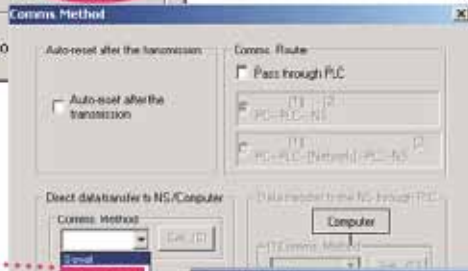
روي
 كليك كنيد



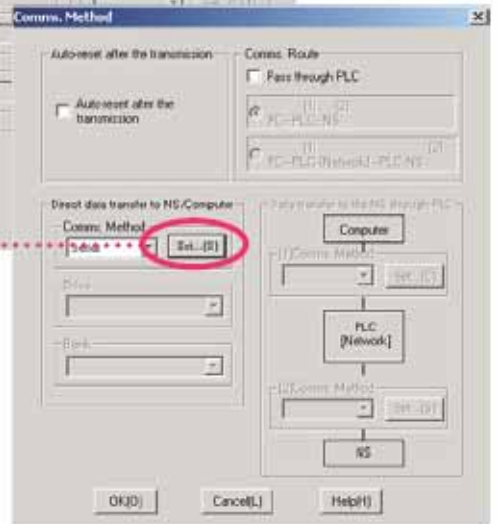
روي
 كليك كنيد

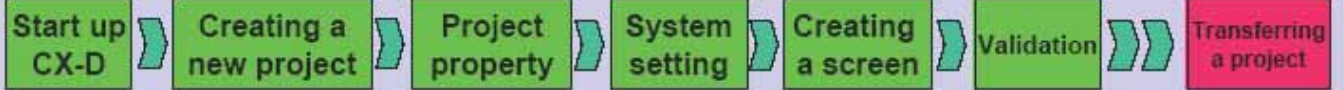


از قسمت
 Comm Metod
 گزينه
 Serial را انتخاب كنيد



روي
 كليك كنيد





com [port]

port

NS

com1

OK

OK(O)

Yes

Serial Setting

Port: COM1

Baud Rate: 115200

Baud Rate Auto-Detect: Invalid

Response Monitoring Time (1 to 600): 2

OK Cancel

Comms. Method

Auto-reset after the transmission: Auto-reset after the transmission

Comms. Route: Pass through PLC

PC-PLC-NS

PC-PLC-[Network]-PLC-NS

Direct data transfer to NS/Computer: Comms. Method: Serial Set... Drive: Bank:

Data transfer to the NS through PLC: Computer [Comms. Method] PLC [Network] NS [Comms. Method]

OK(O) Cancel(L) Help(H)

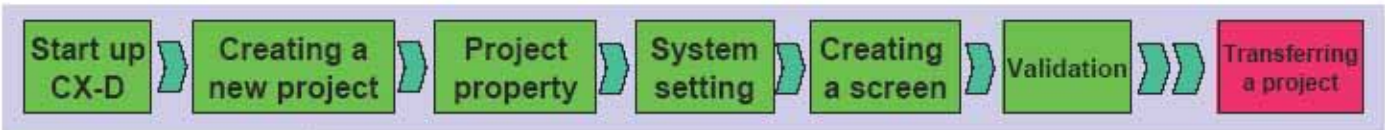
CX-Designer

Do you want to start transferring?

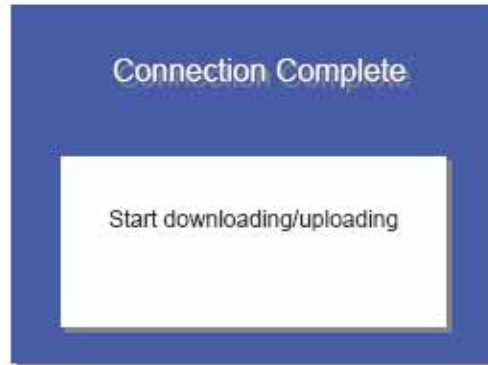
Yes No

Transfer Setting: Serial Setting

Do not show this dialog again



NS

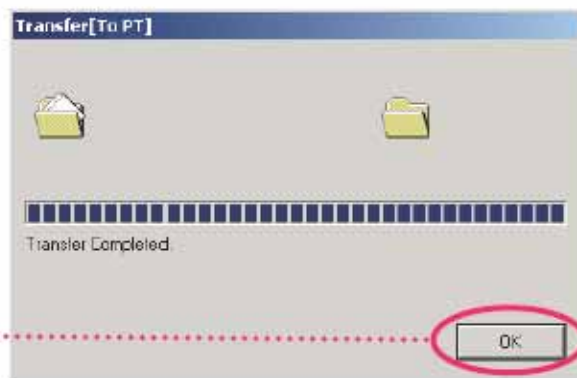
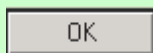
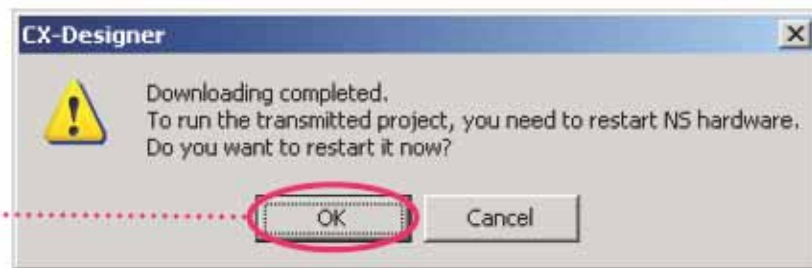
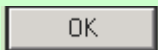


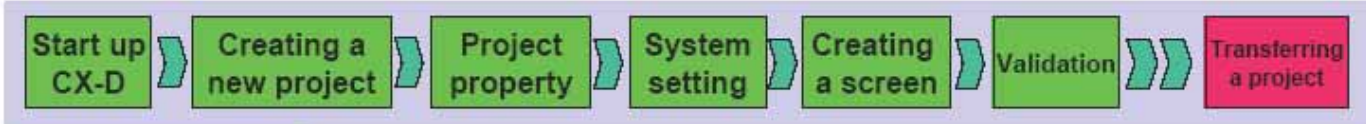
NS



Restart

NS





Memory Card

Memory Card



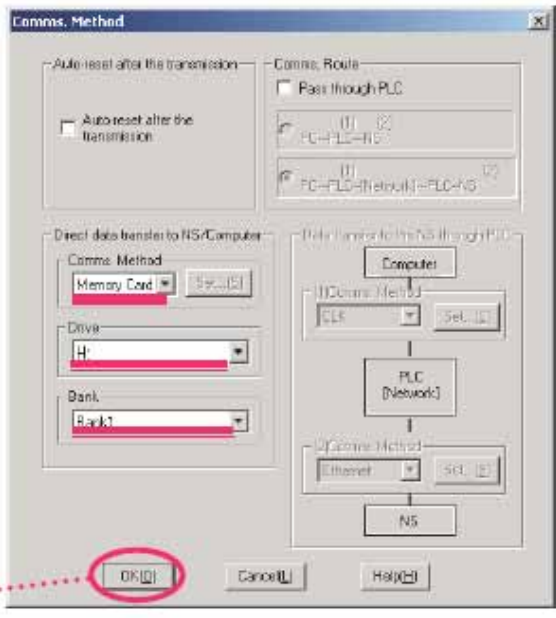
Comm..Method
Direct data
transfer to
NS/computer

Comm.Method
Memory Card

H Drive
)

Memory Drive
(Card
Bank1 Bank
)

Memory
(Card



Start up
CX-D

Creating a
new project

Project
property

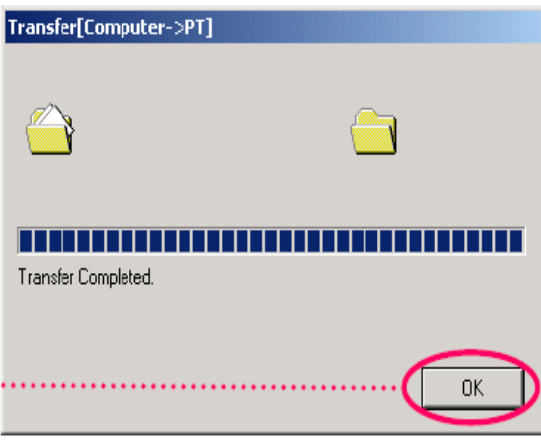
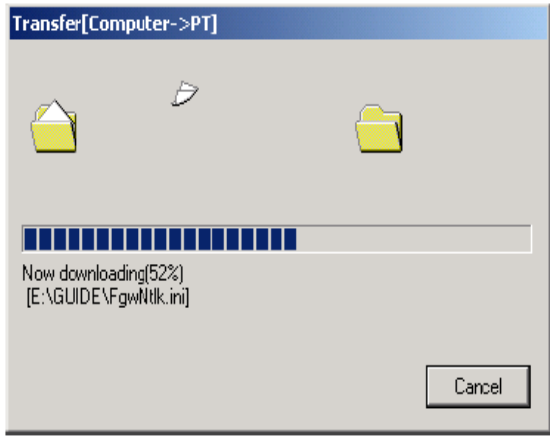
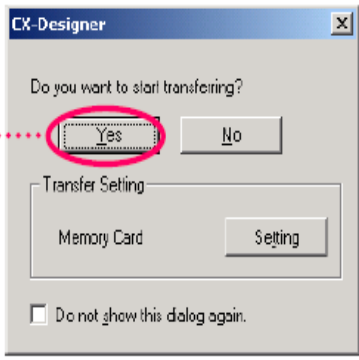
System
setting

Creating
a screen

Validation

Transferring
a project

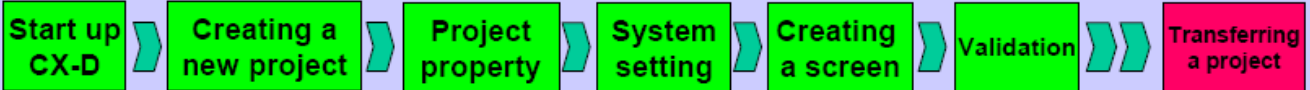
Yes



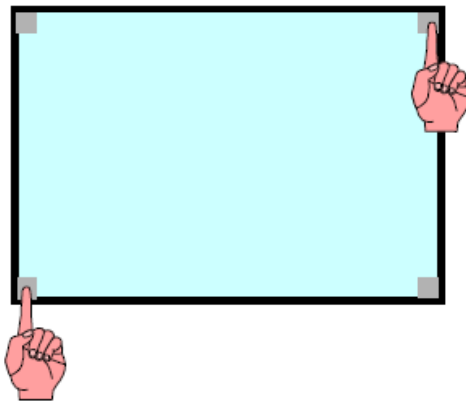
Click

OK

OK



NS

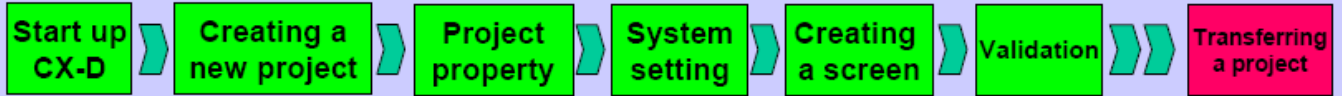


"SPECIAL SCREEN"

Memory Card Transfer

start





English

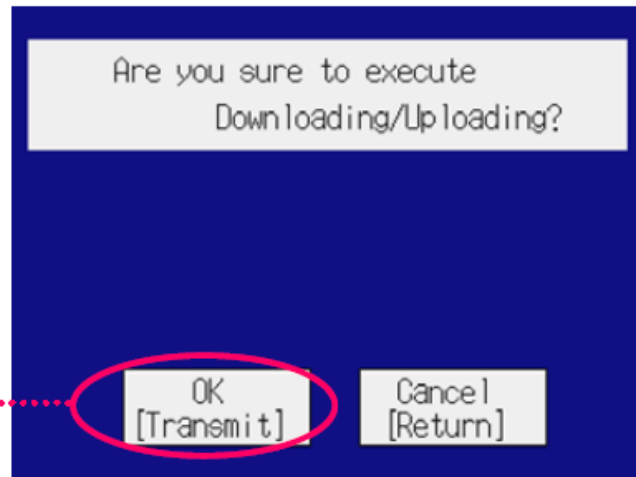
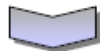
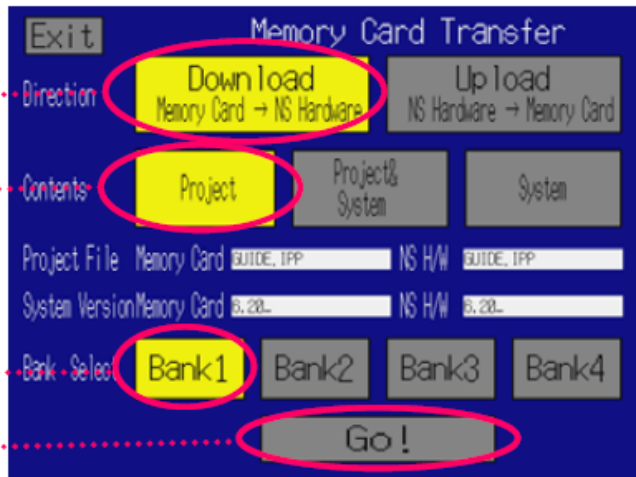
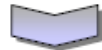
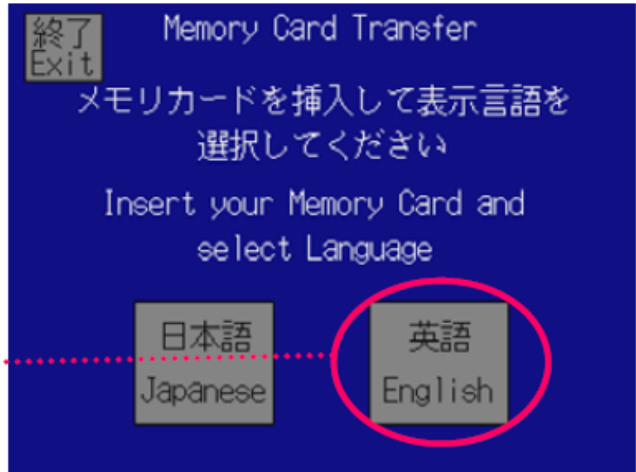
"Down load Memory Card"

Project

Bank1

Go

down load/up load ok [transmit]



Start up
CX-D

Creating a
new project

Project
property

System
setting

Creating
a screen

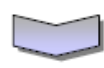
Validation

Transferring
a project

Now Downloading...

Memory Card → NS Hardware

File Name: HJNetTbl.ini



Transmission Complete

Memory Card → NS Hardware

You may safely remove the Memory Card. Press the reset button to restart the NS after removing the Memory Card.

Reset

Reset
NS

