RingMaster

2009-07-28

2009-7-28		

RingMaster

RF Planning AP

MX MSS7.0 RingMaster 7.0

7.0

RingMaster RingMaster B

AP

AP AP

AP

MX MSS7.0

1

1.1

RingMaster

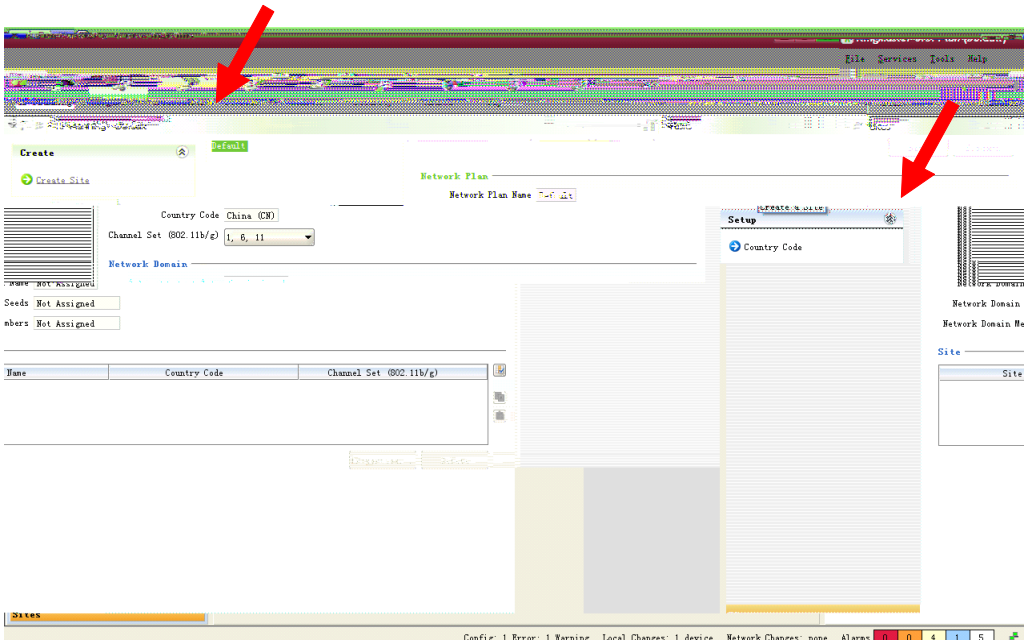
1. RingMaster RingMaster
   AP AP
   AP

2. MP MX RingMaster
   AP
   AP AP

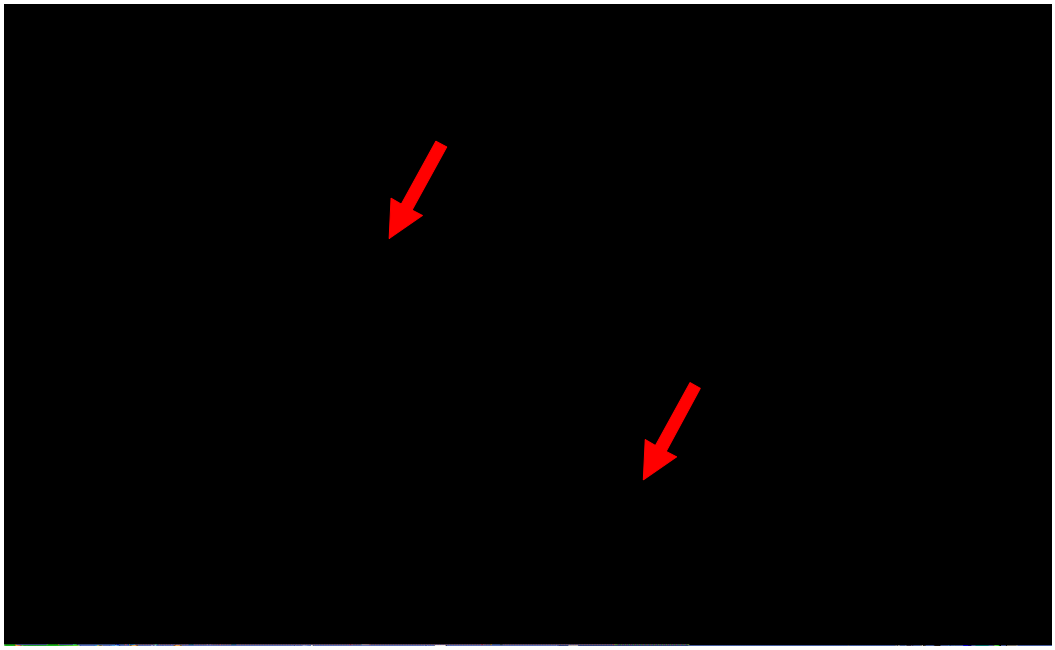
RingMaster

1. AP MX

2. ņ ฿ ņ



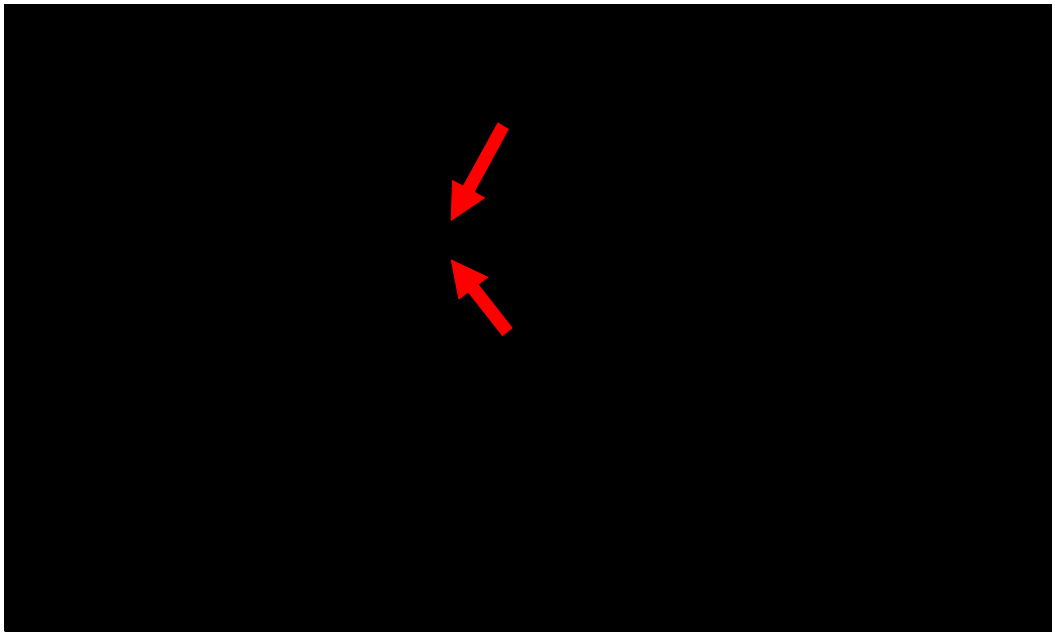
“ Create Site ”



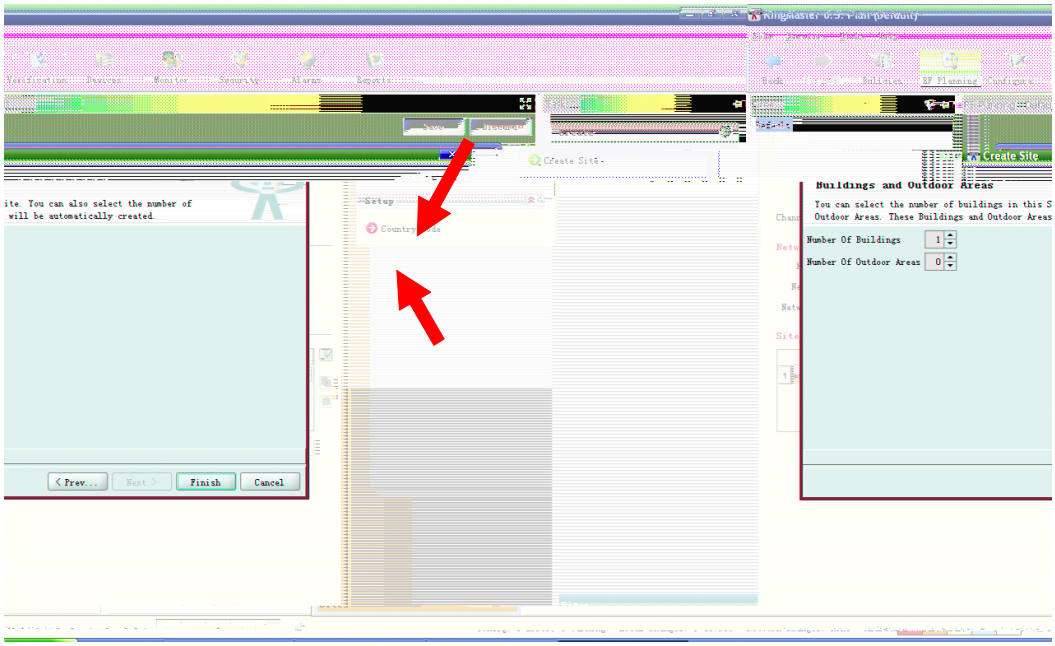
“ NEXT ” CN

MX 802.11b/g

1 6 11



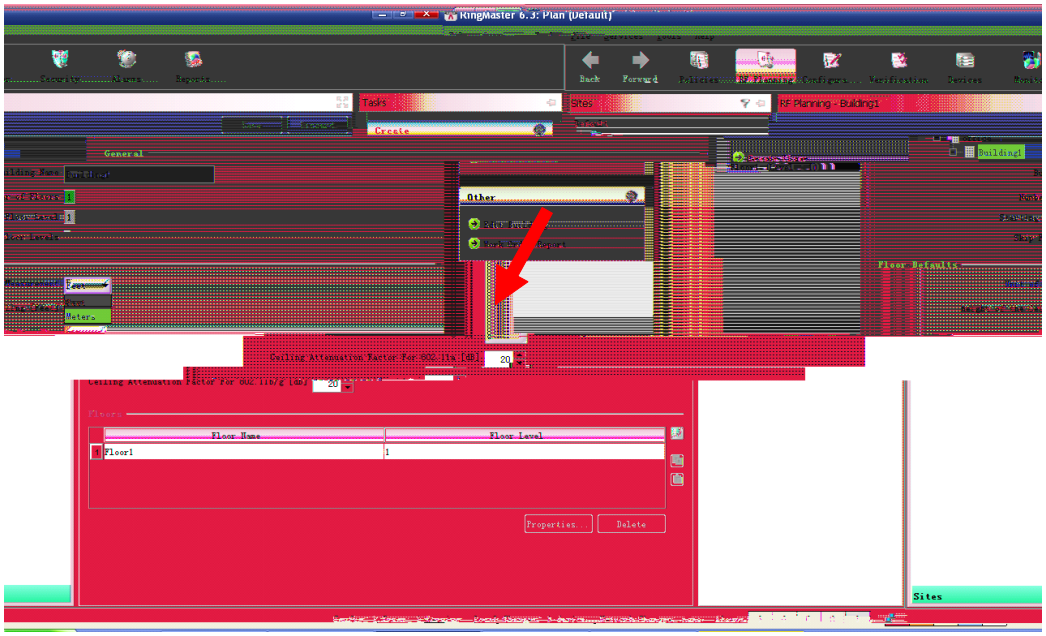
“ Next ”



“ Finish ”

“ meter ”

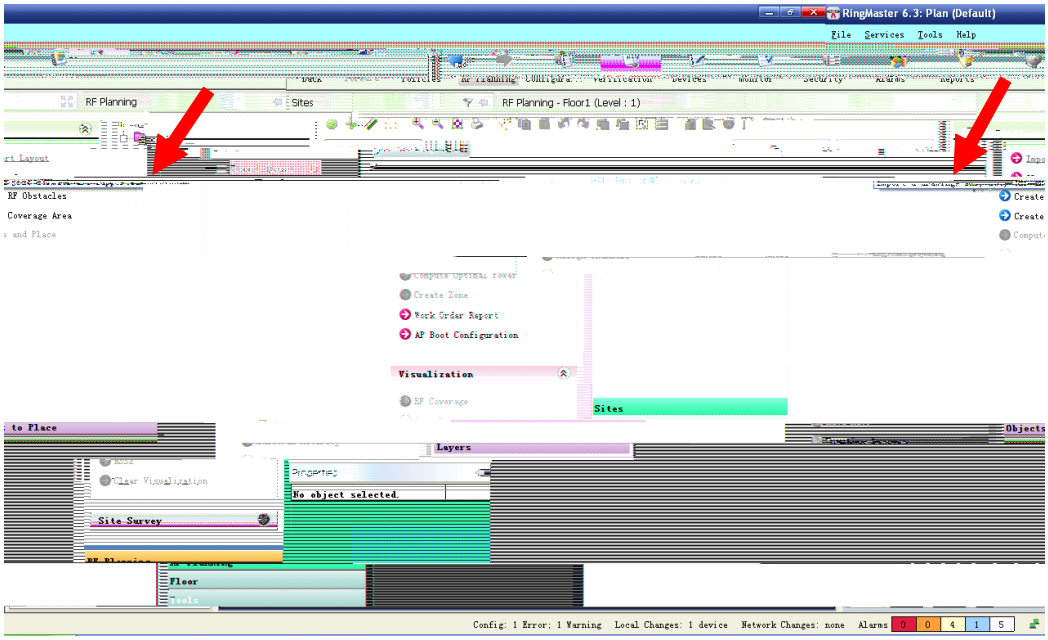
“ building ”



1.

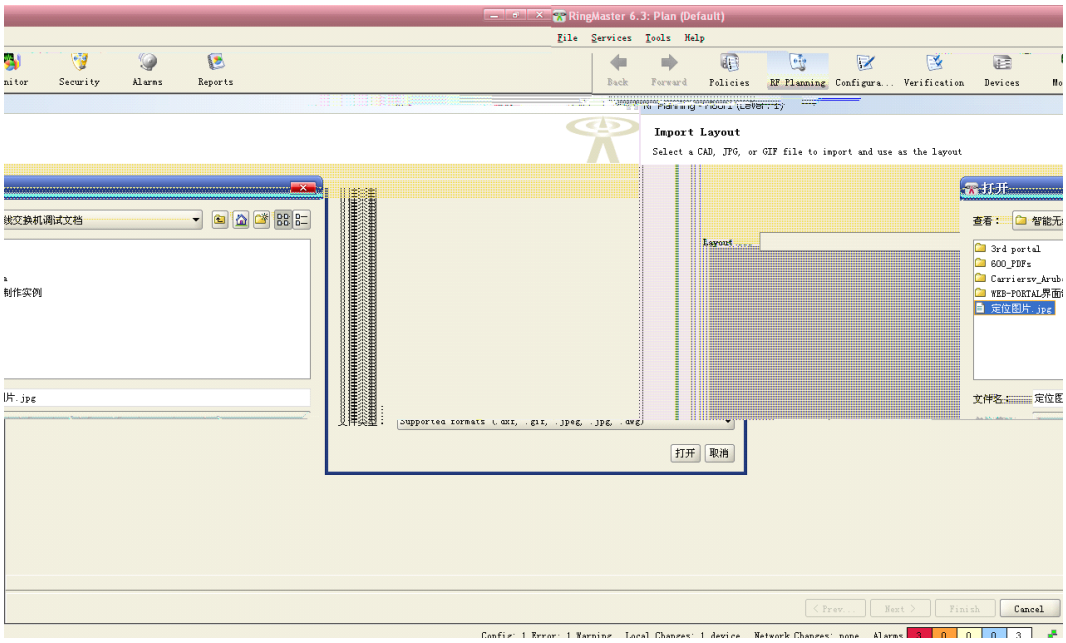
“ SITE ” “ + ” “ office ” “ + ” Building

“ Building ” “ + ” “ Import ”



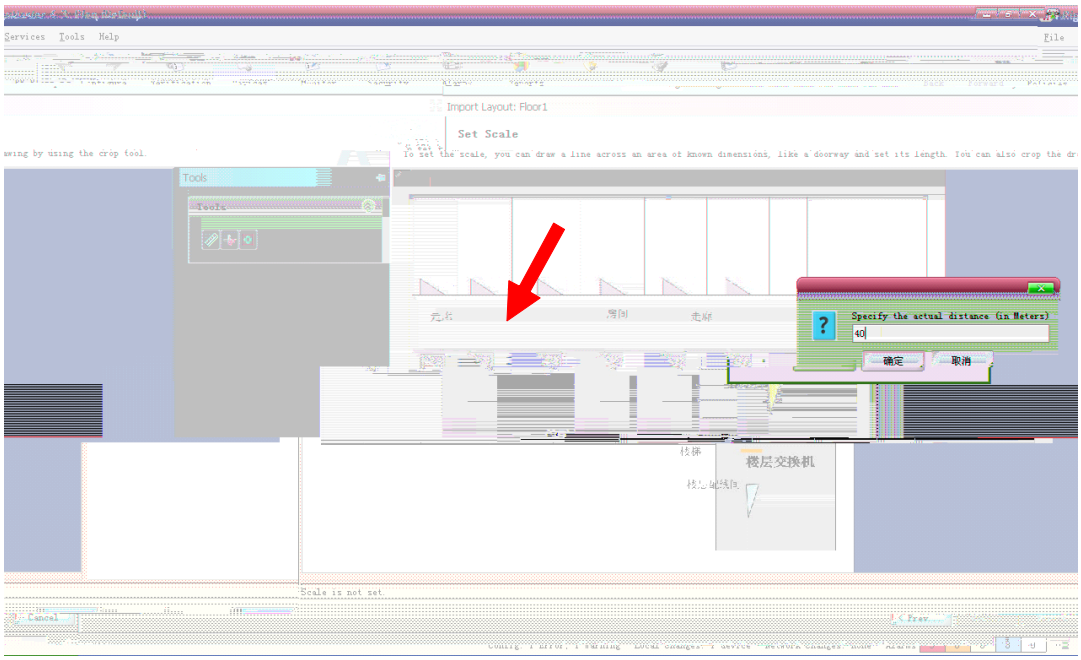
JPG

CAD JPG



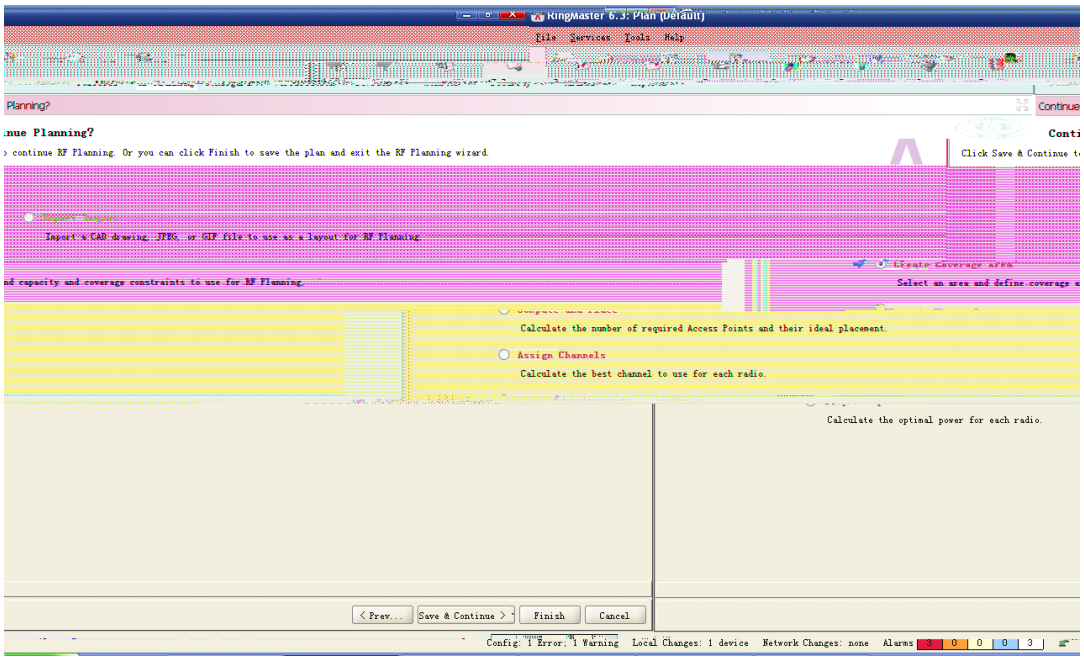
CAD DXF

CAD RingMaster



“ save&continue ”

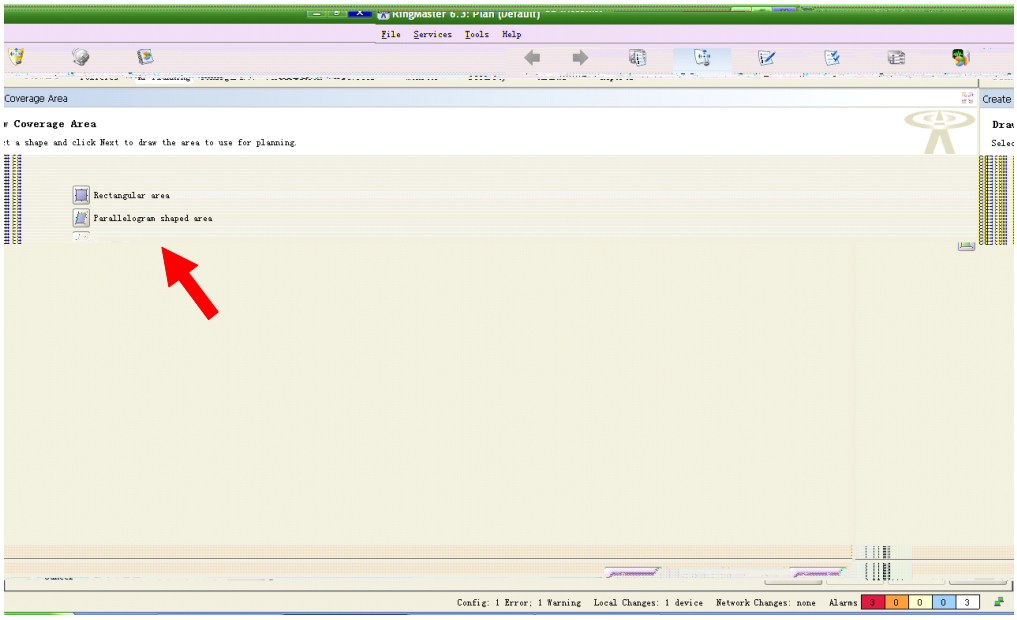
1.

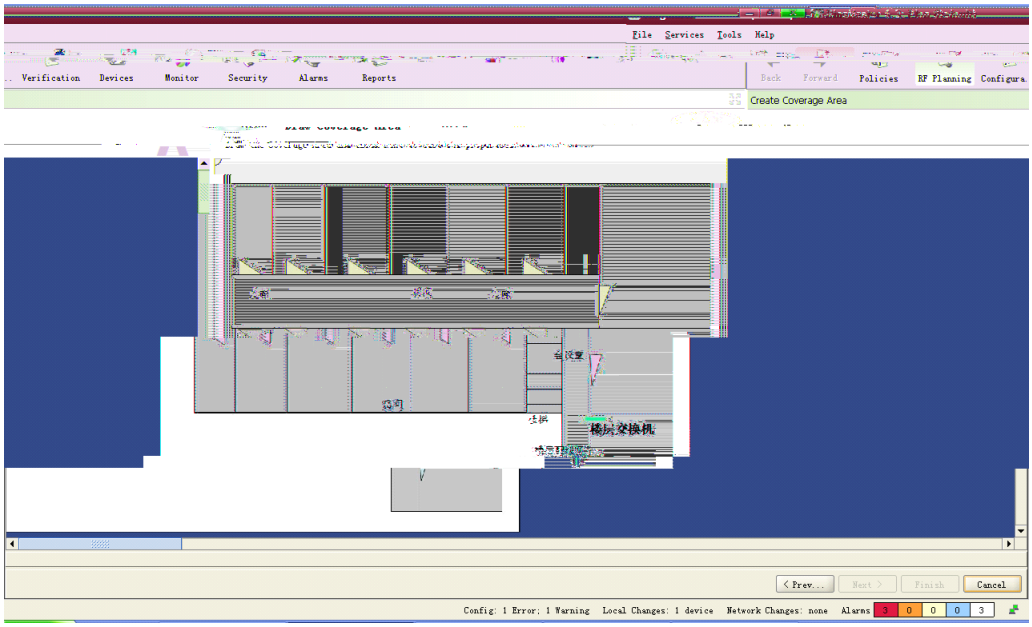


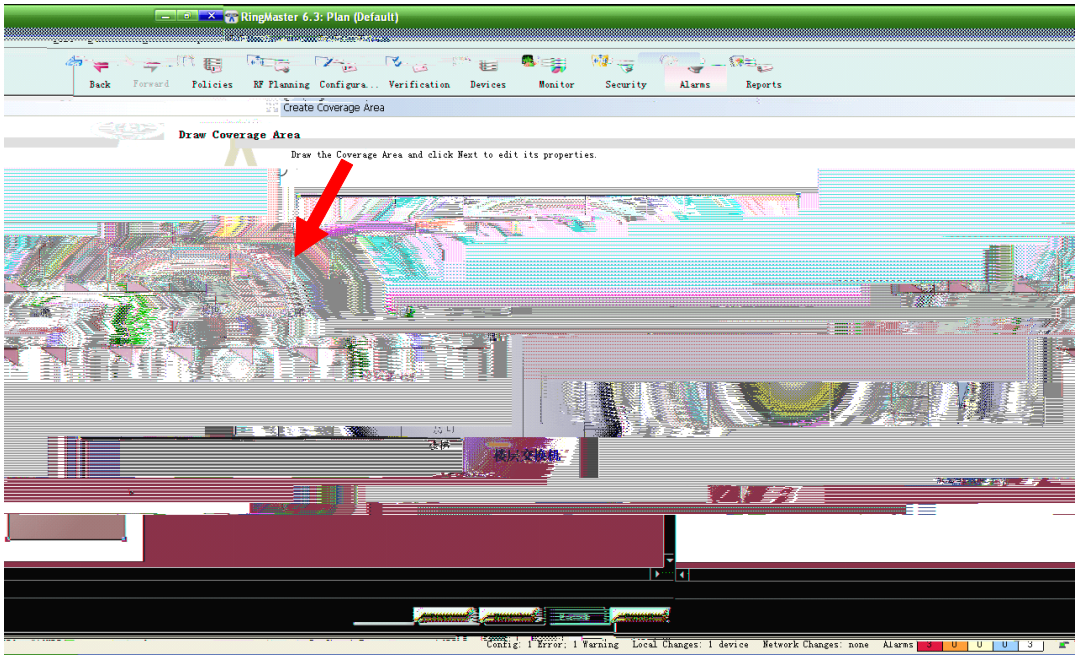
1.

2.

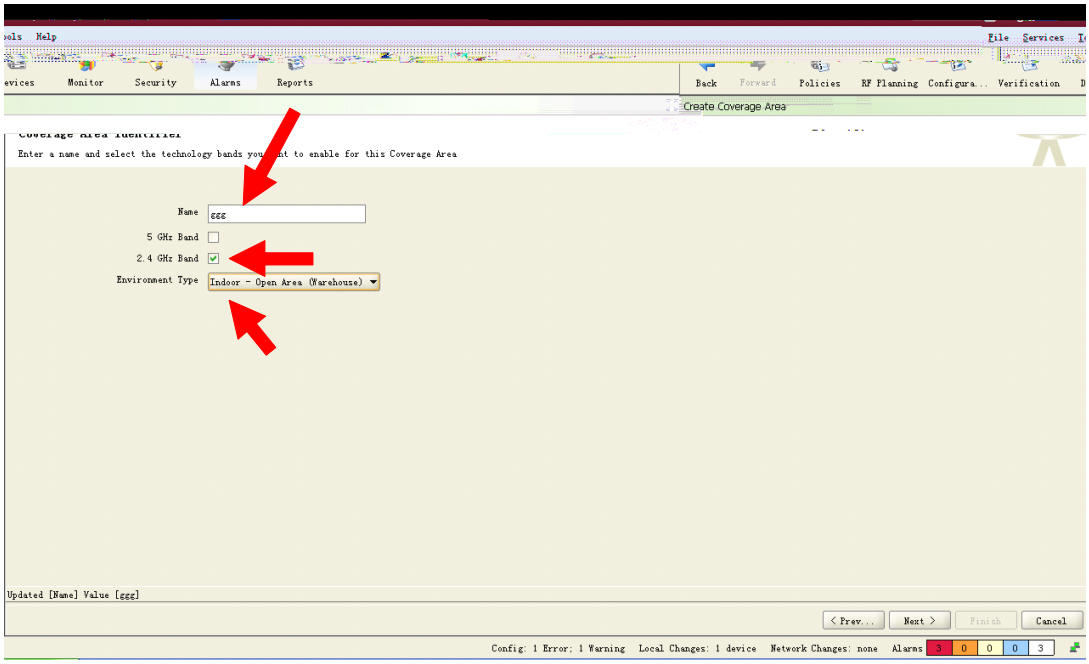
“ custom area ”



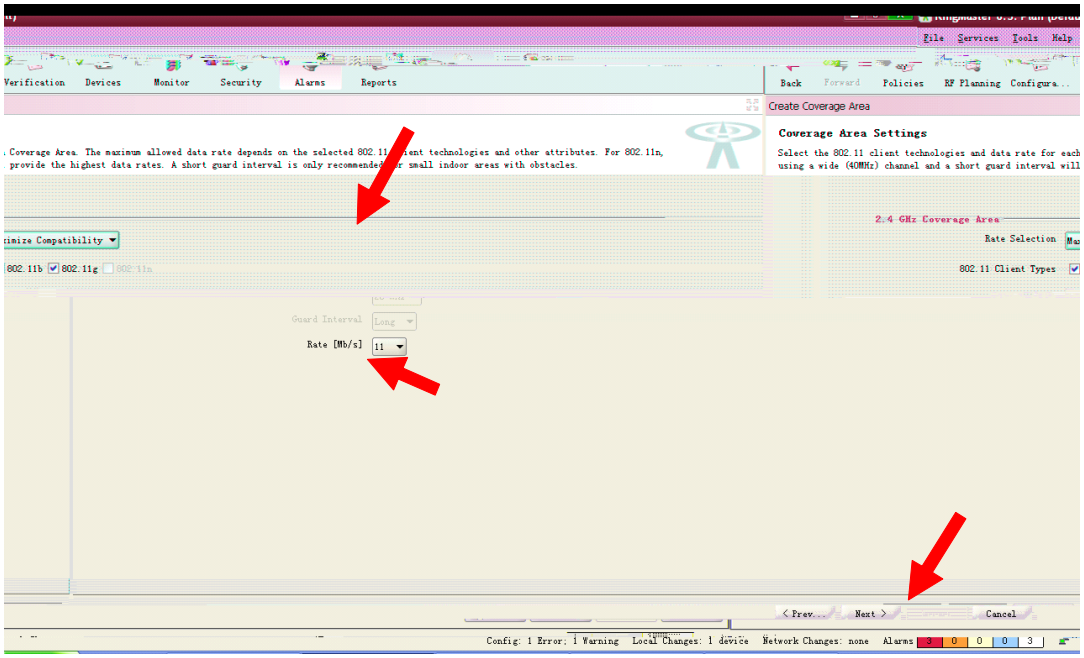


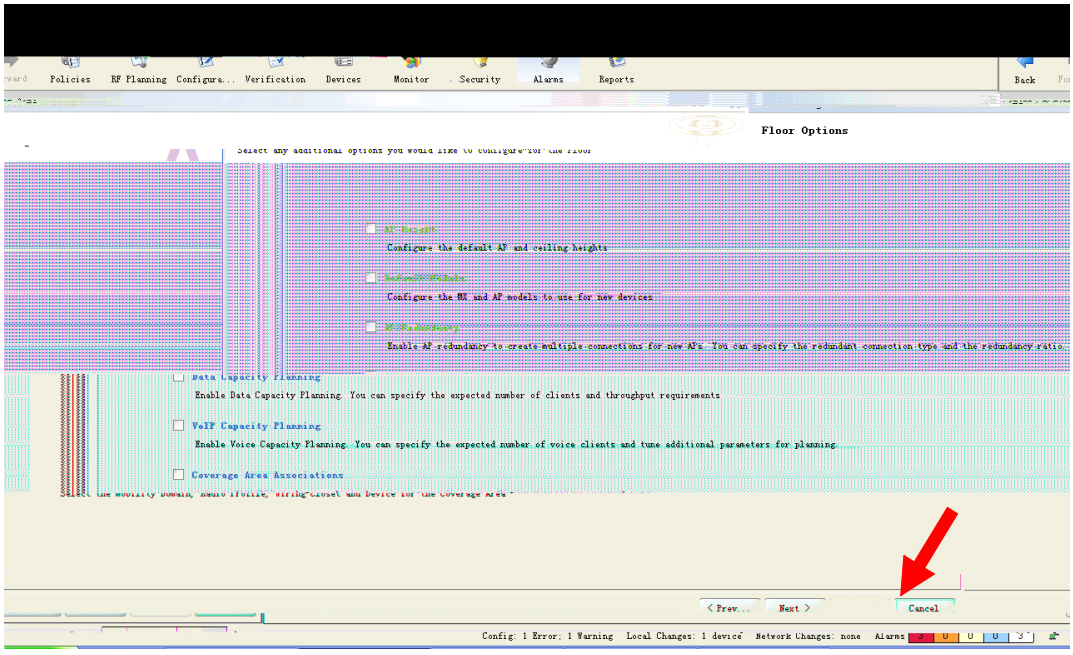


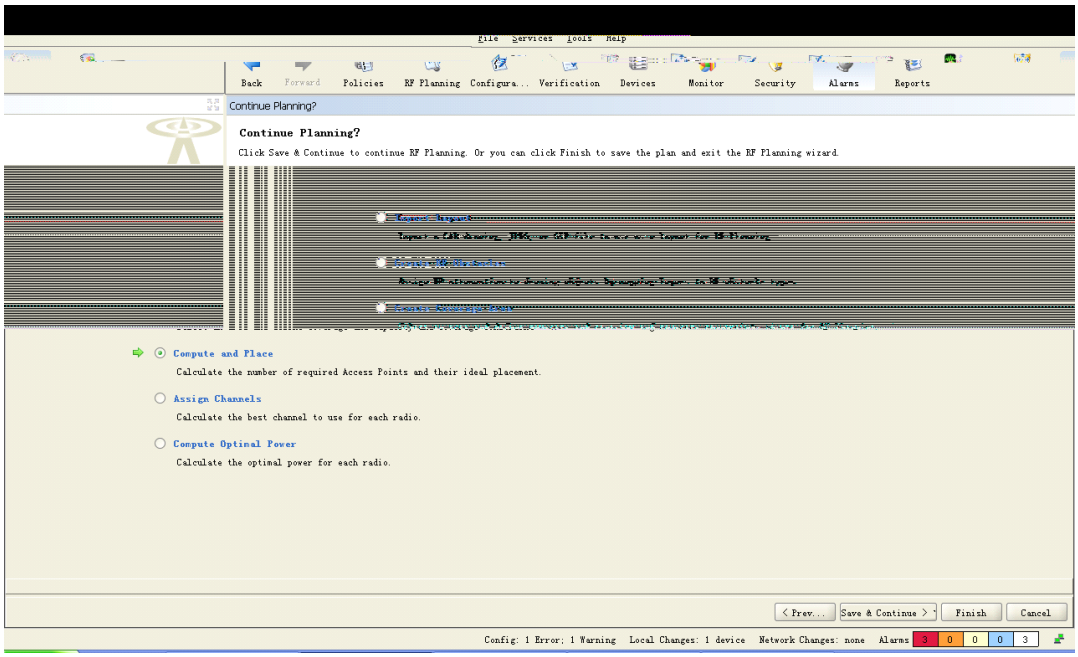
“ king ” 2.4GHz



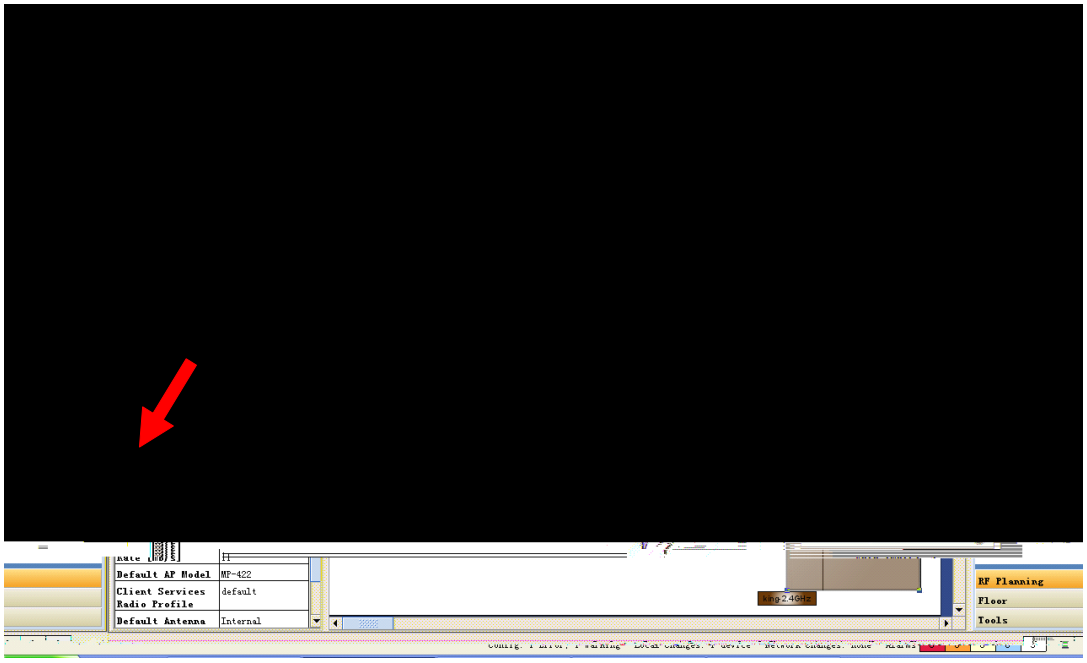
802.11


Create Coverage Area
Coverage Area Settings
Rate [Mb/s]
Next >
Cancel

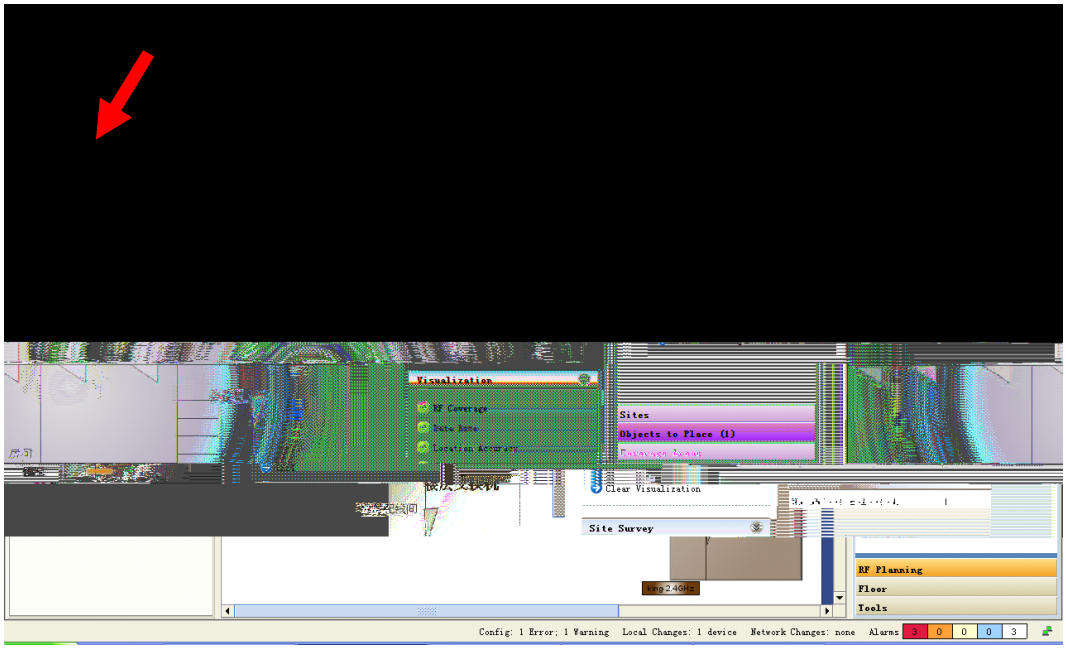

Floor Options
Cancel



“ Save&continue ” “ AP”



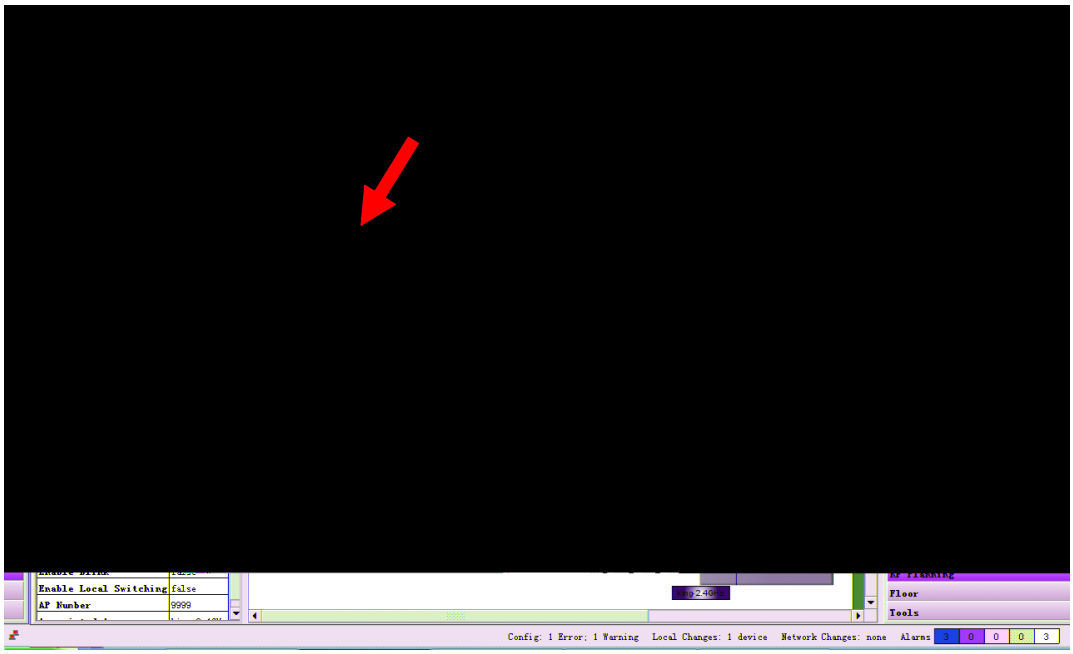
AP



AP AP

AP AP

AP


Enable Local Switching
false
AP Number
9999
Floor
Tools
Config: 1 Error, 1 Warning
Local Changes: 1 device
Network Changes: none
Alarms

Properties:
No object selected
Site Survey
RF Planning
Floor
Tools

AP

RSSI

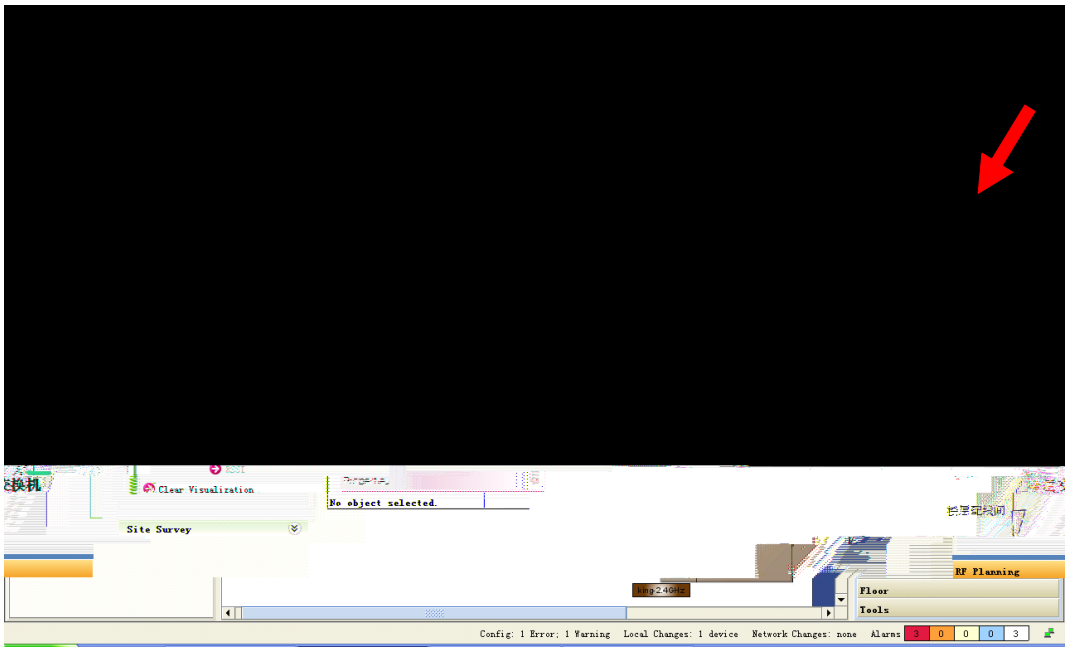
1.

jpg RingMaster

CAD “Create RF Obstacle”

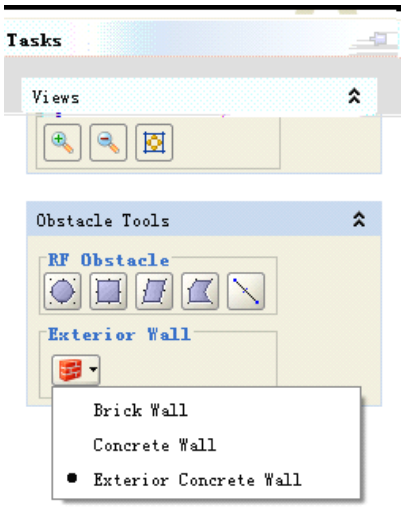
90

License

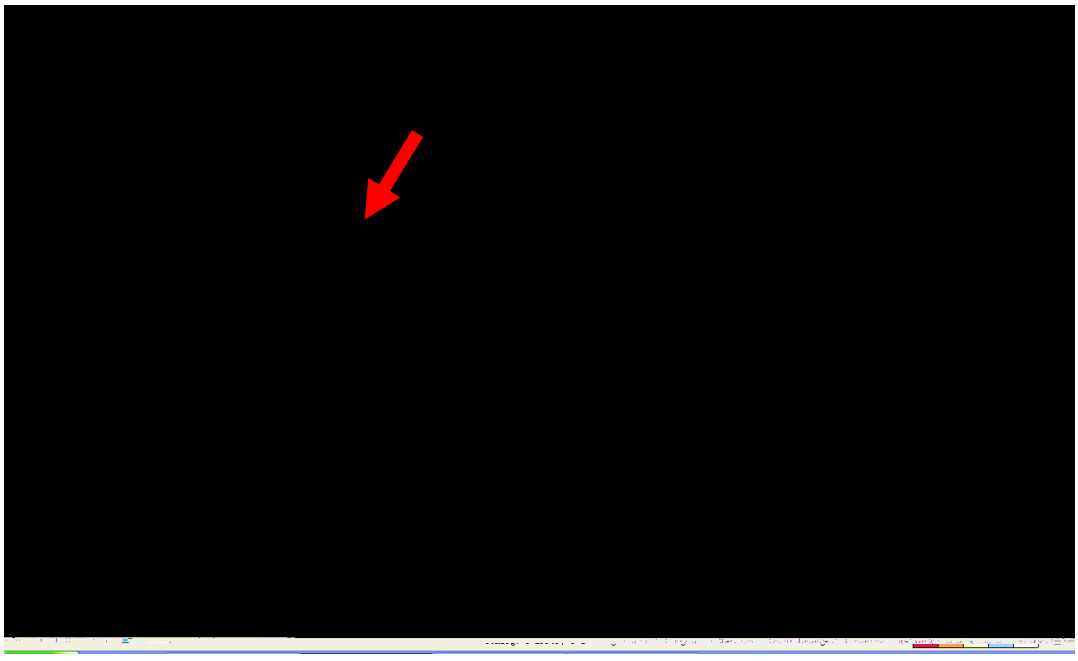


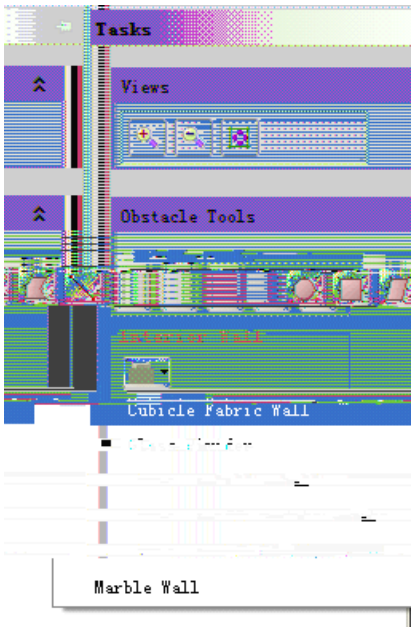
1 2

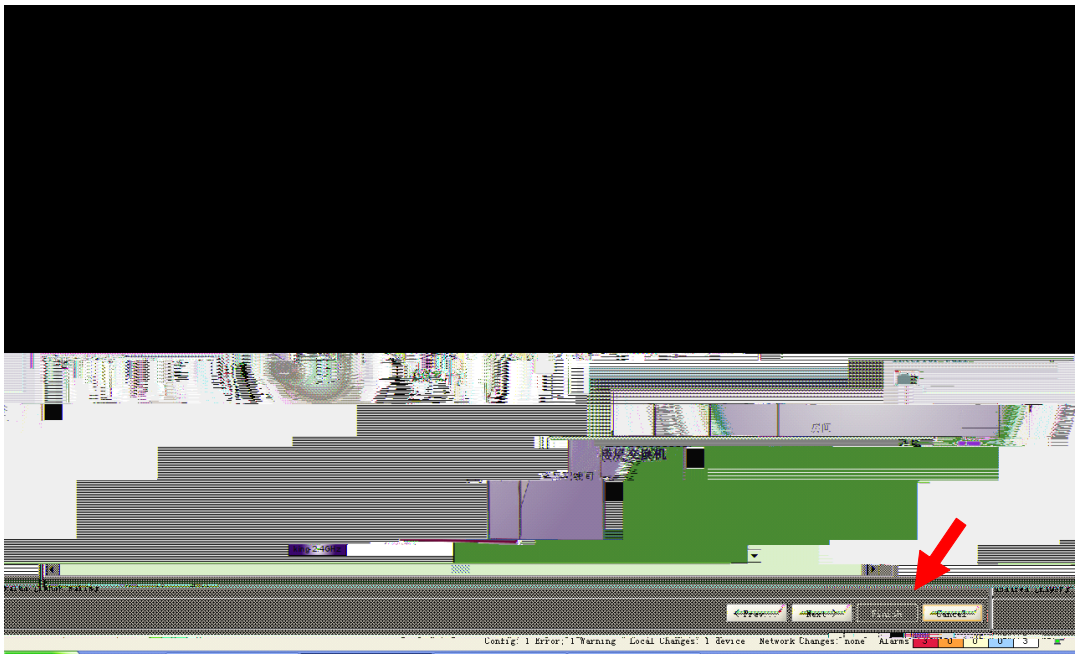
3

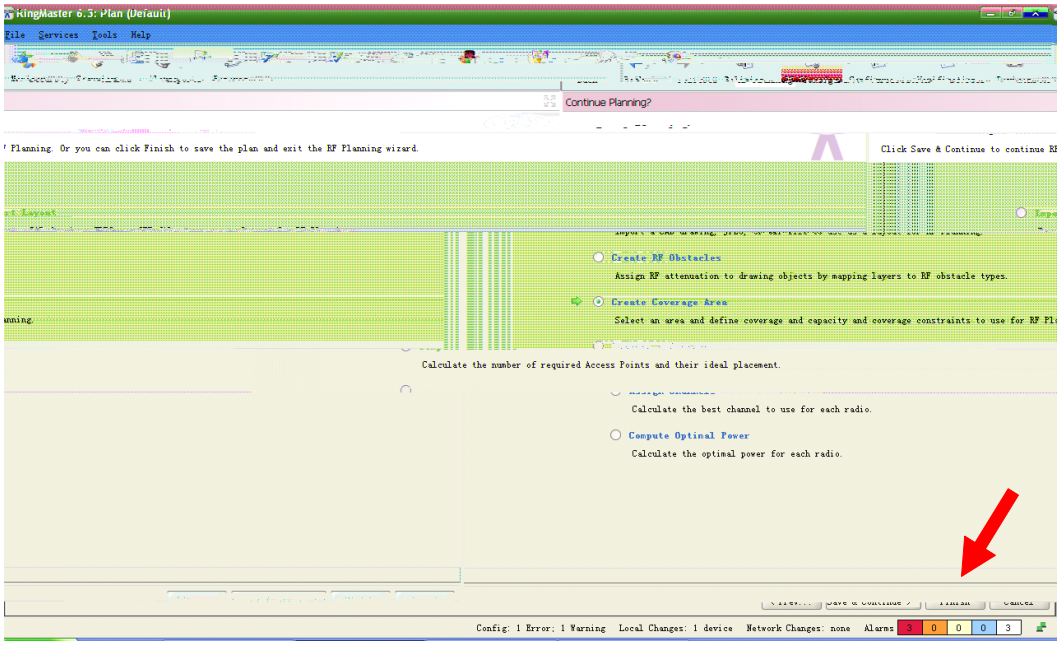

Tasks
Views
Obstacle Tools
RF Obstacle
Exterior Wall
Brick Wall
Concrete Wall
Exterior Concrete Wall

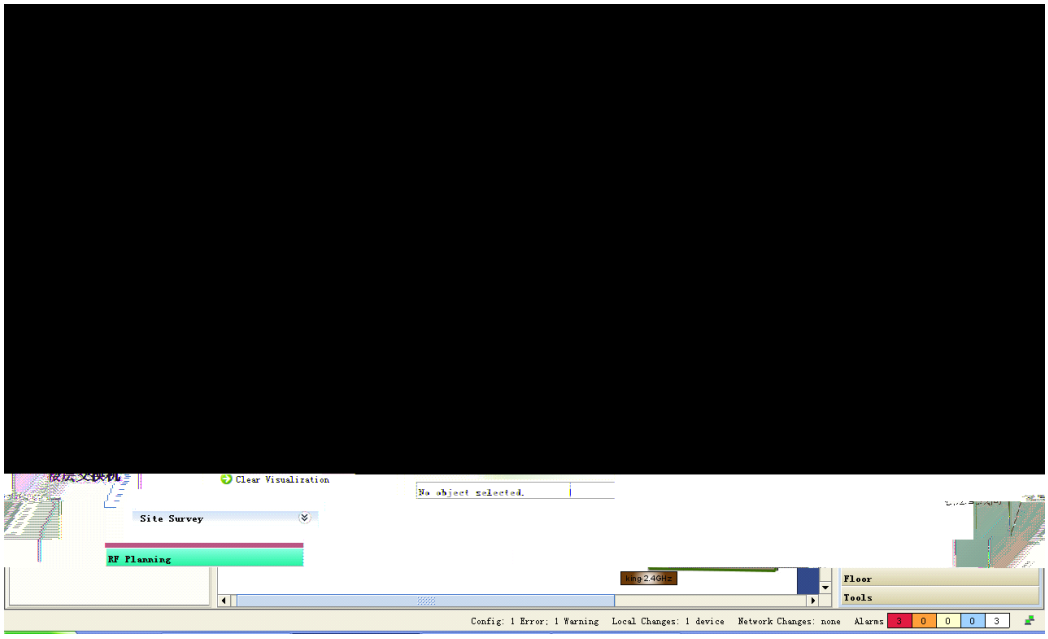
JPG

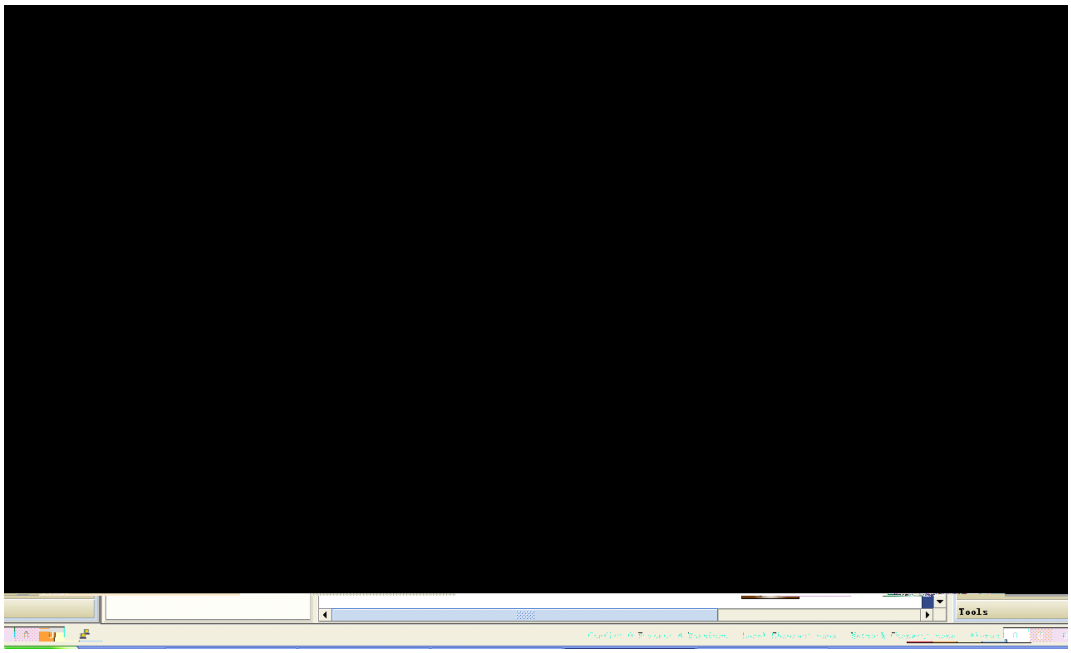



Tasks
Views
Obstacle Tools
Cubicle Fabric Wall
Marble Wall




KingMaster 6.3: Plan (Default)
File Services Tools Help
Continue Planning?
Planning. Or you can click Finish to save the plan and exit the RF Planning wizard.
Click Save & Continue to continue RF
Create RF Obstacles
Assign RF attenuation to drawing objects by mapping layers to RF obstacle types.
Create Coverage Area
Select an area and define coverage and capacity and coverage constraints to use for RF Pl
Calculate the number of required Access Points and their ideal placement.
Calculate the best channel to use for each radio.
Compute Optimal Power
Calculate the optimal power for each radio.
Config: 1 Error; 1 Warning Local Changes: 1 device Network Changes: none Alarms: 3 0 0 0 3


Clear Visualization
No object selected.
Site Survey
RF Planning
Floor
Tools
Config: 1 Error; 1 Warning Local Changes: 1 device Network Changes: none Alarms: 3 0 0 0 3



JPG RingMaster

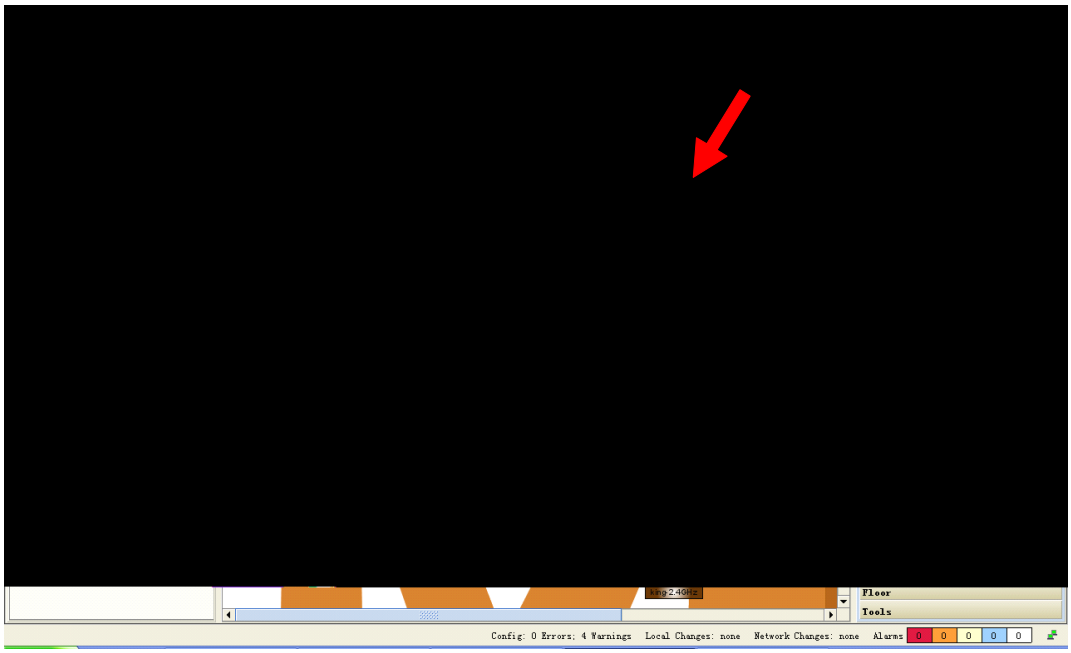
AP

1.

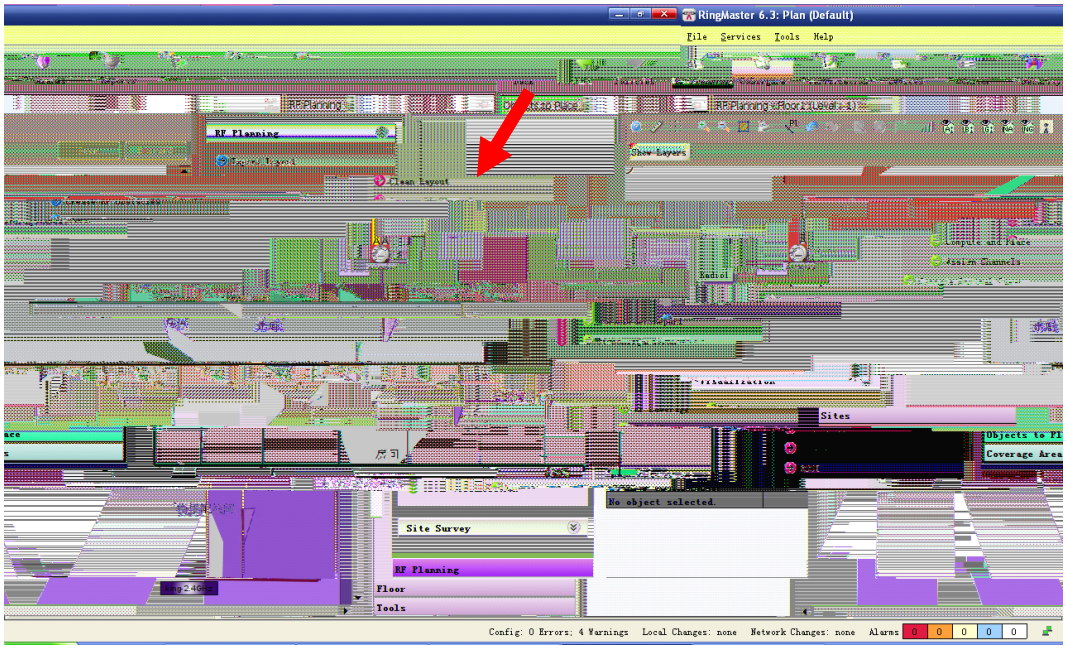
visualization

“ RF coverage ”

802.11b



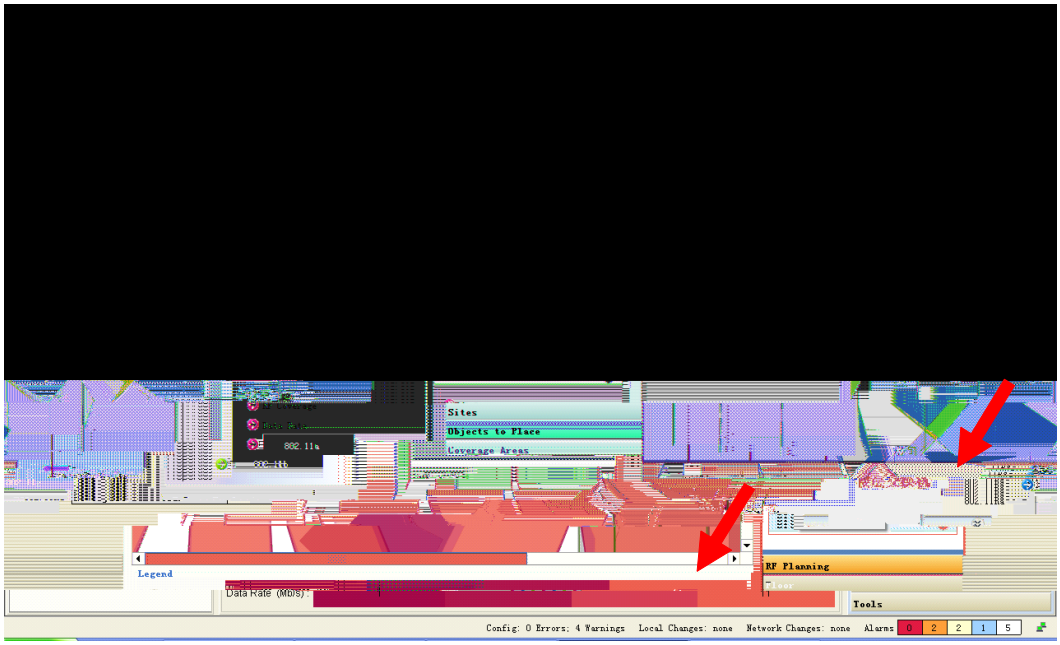
802.11g



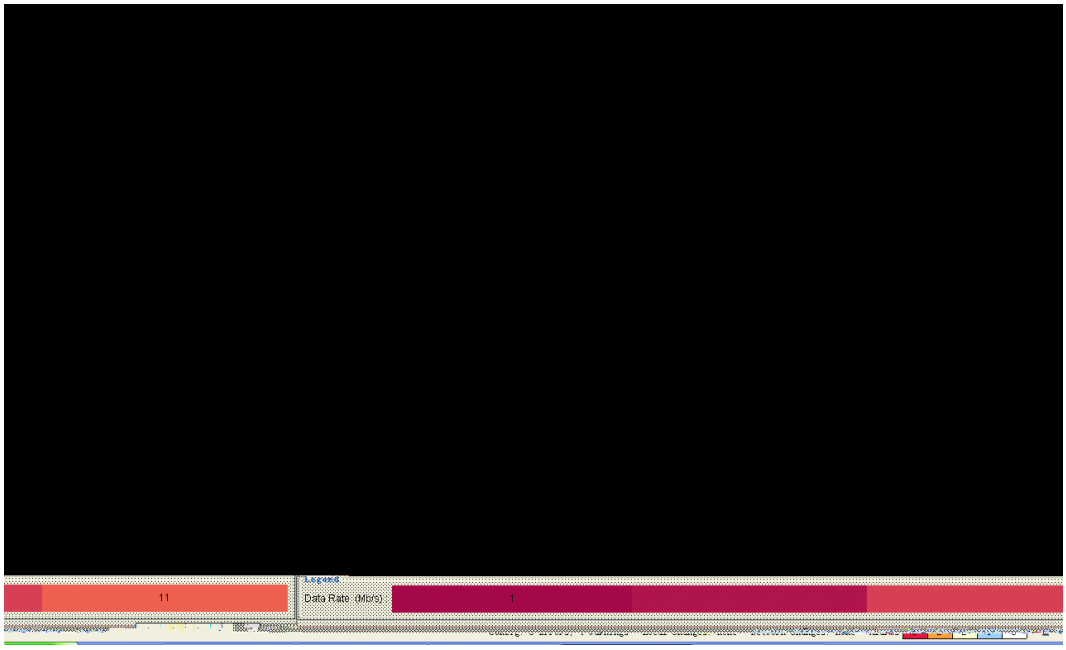
1.

visualization “ Data Rate ”

802.11b



802.11g

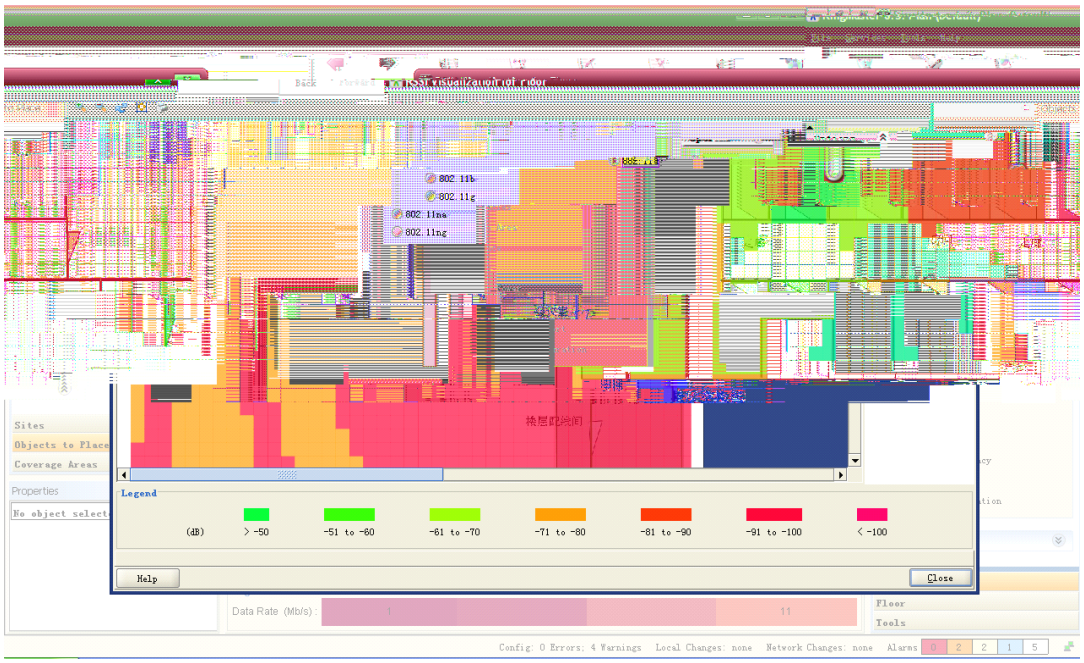


1.

RSSI 802.11

802.11b

802.11a


802.11b
802.11g
802.11na
802.11ng
Legend
(dB)
> -50
-51 to -60
-61 to -70
-71 to -80
-81 to -90
-91 to -100
< -100
Help
Close
Sites
Objects to Place
Coverage Areas
Properties
Data Rate (Mb/s)
Floor
Tools

2

2.1

RingMaster AP
AP RSSI
RingMaster

AP

2.2

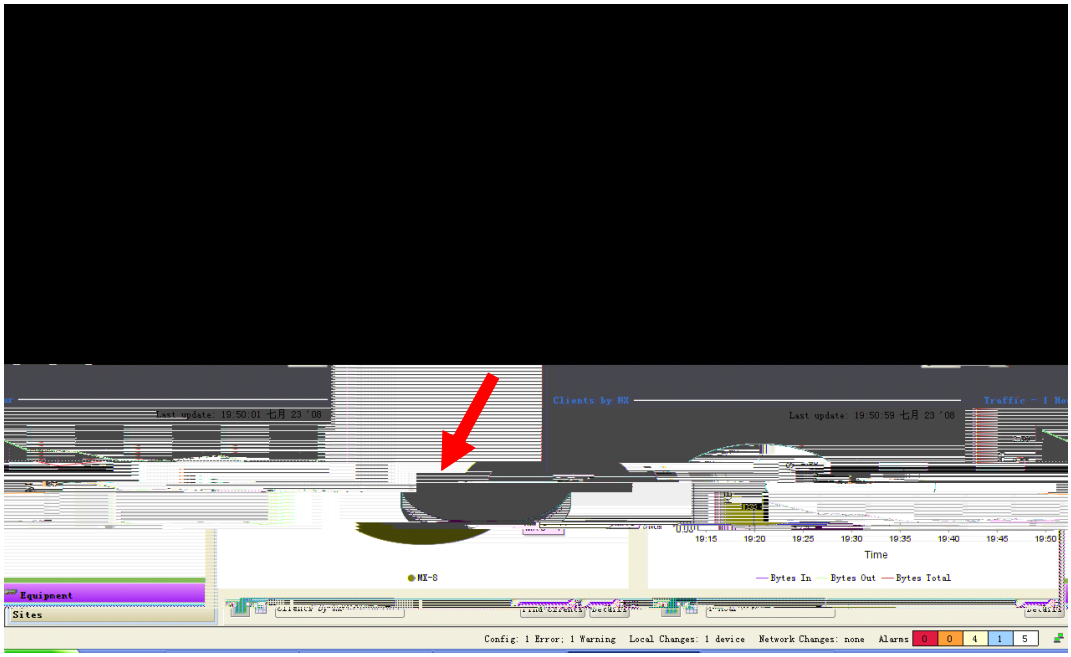
1.

2.

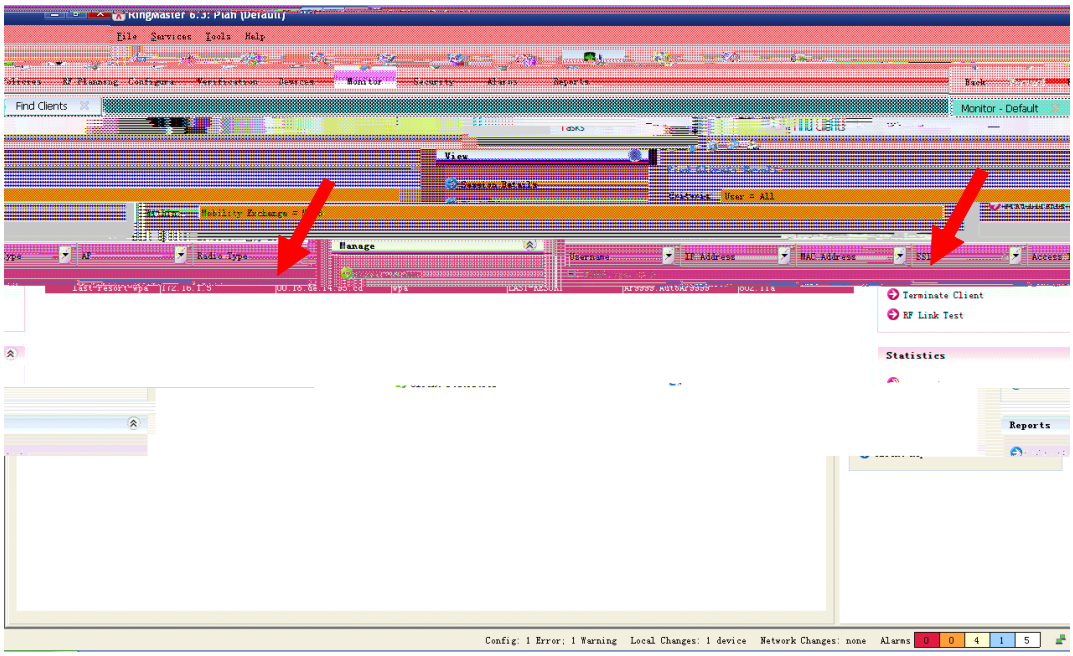
3 AP

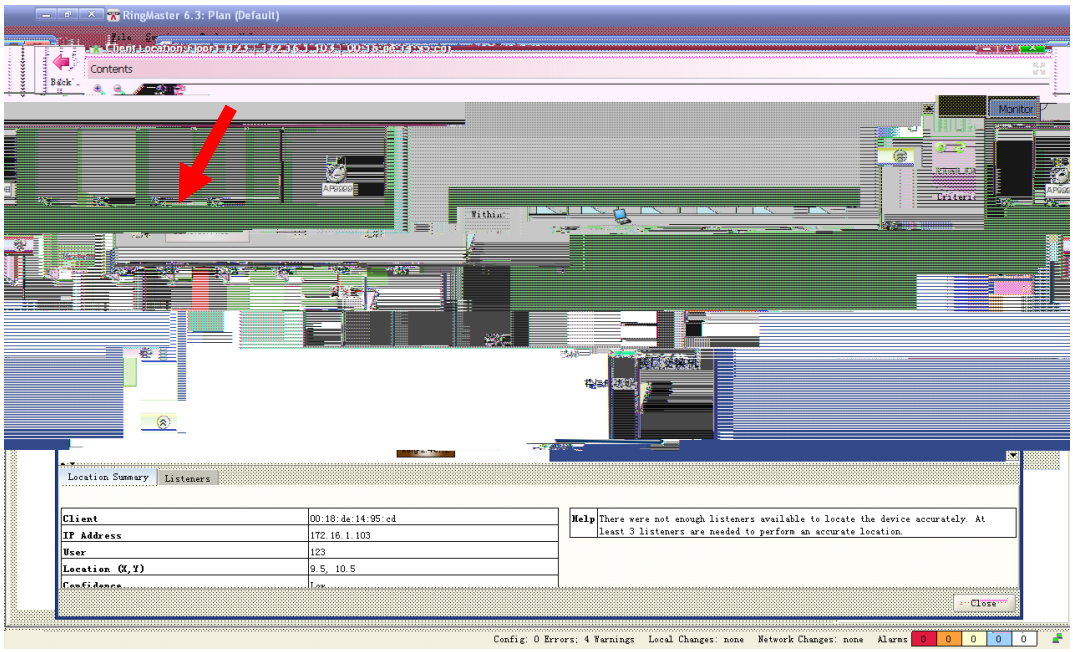
2.

Monitor Client



“ Locate Client ”

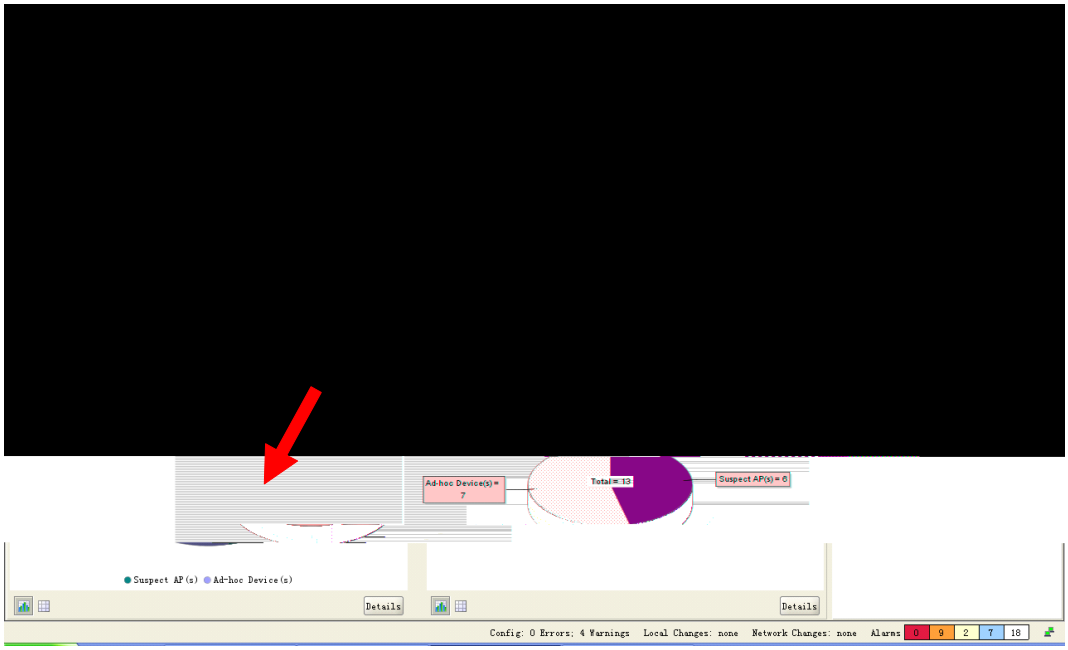


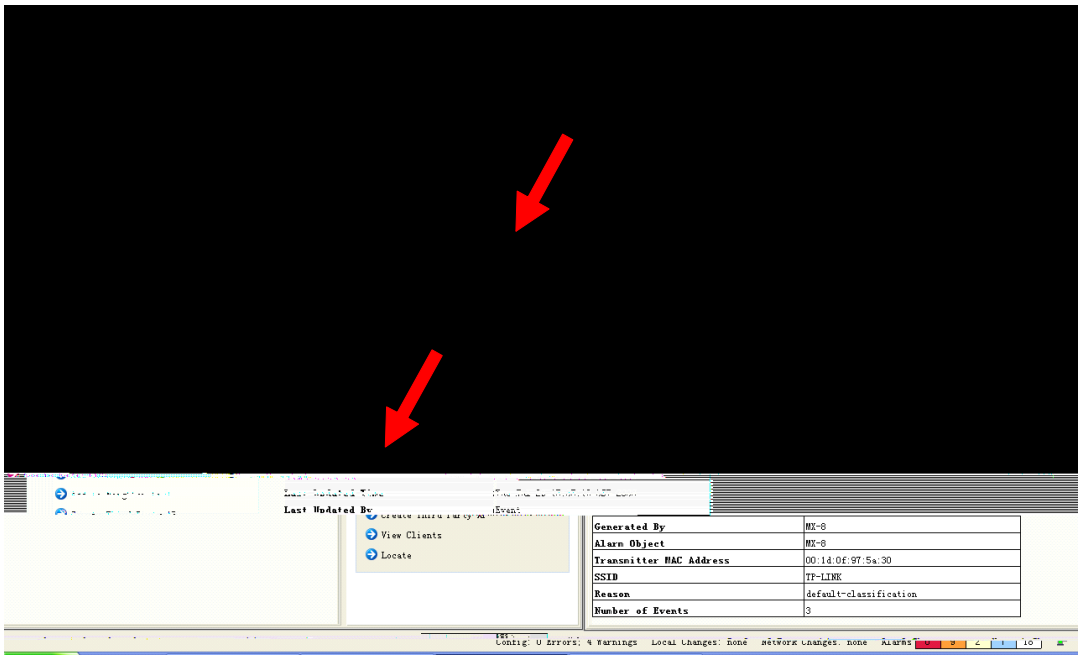


2.

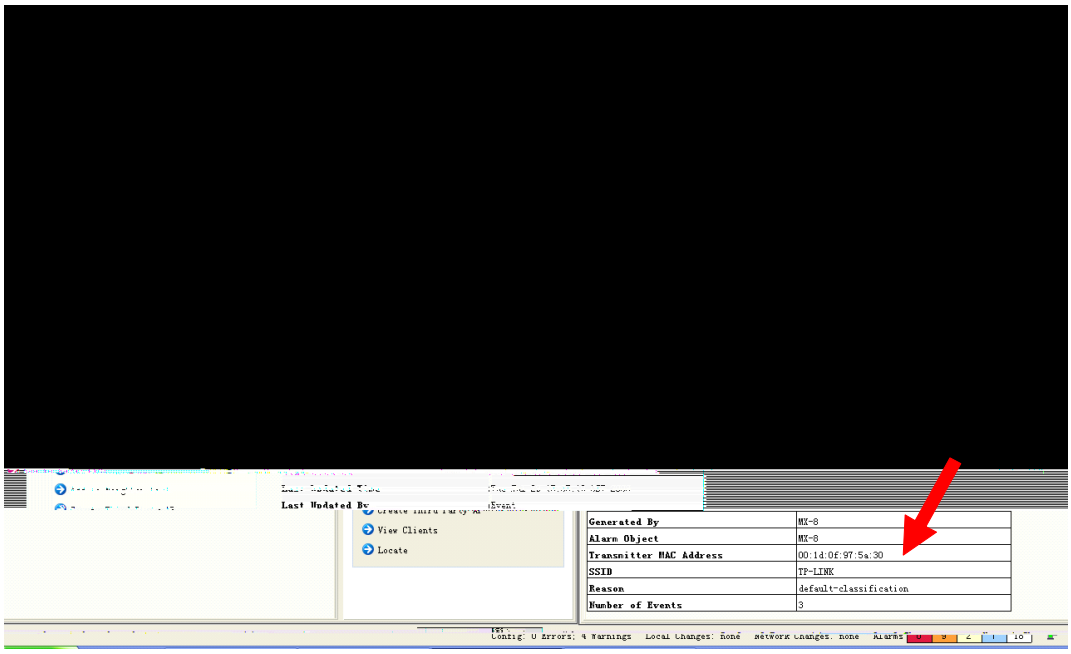
AP RingMaster

“ Security ”

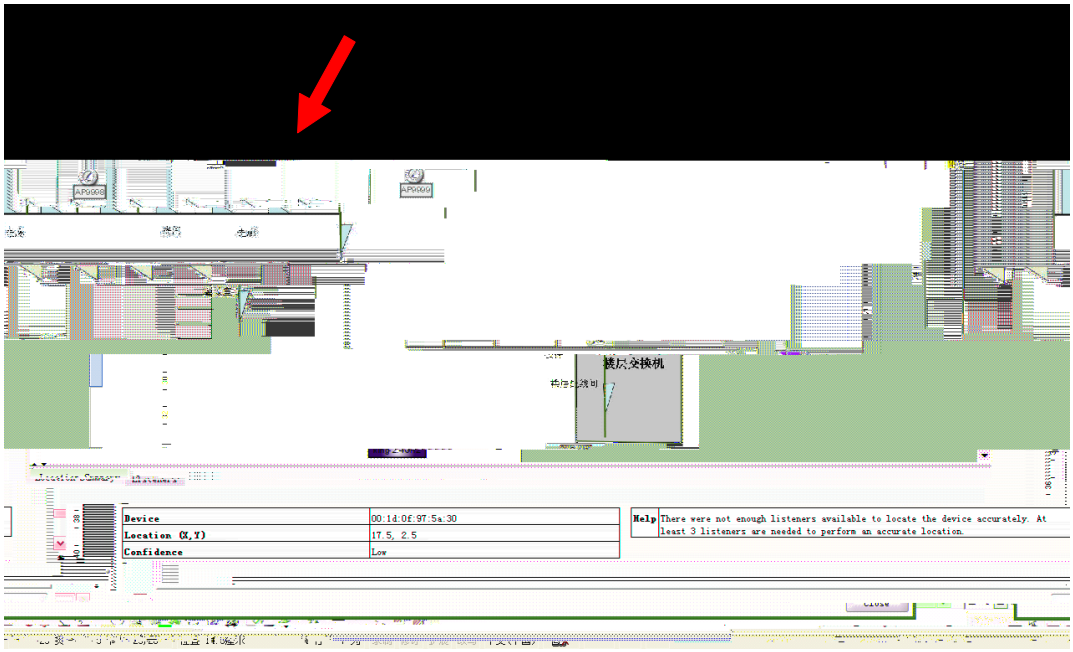

Ad-hoc Device(s) = 7
Total = 13
Suspect AP(s) = 6
Suspect AP(s)
Ad-hoc Device(s)
Details
Details
Config: 0 Errors; 4 Warnings
Local Changes: none
Network Changes: none
Alarms


Last Updated By
View Clients
Locate
Generated By
MX-8
Alarm Object
MX-8
Transmitter MAC Address
00:1d:0f:97:5a:30
SSID
TP-LINK
Reason
default-classification
Number of Events
3

“ Locate ”

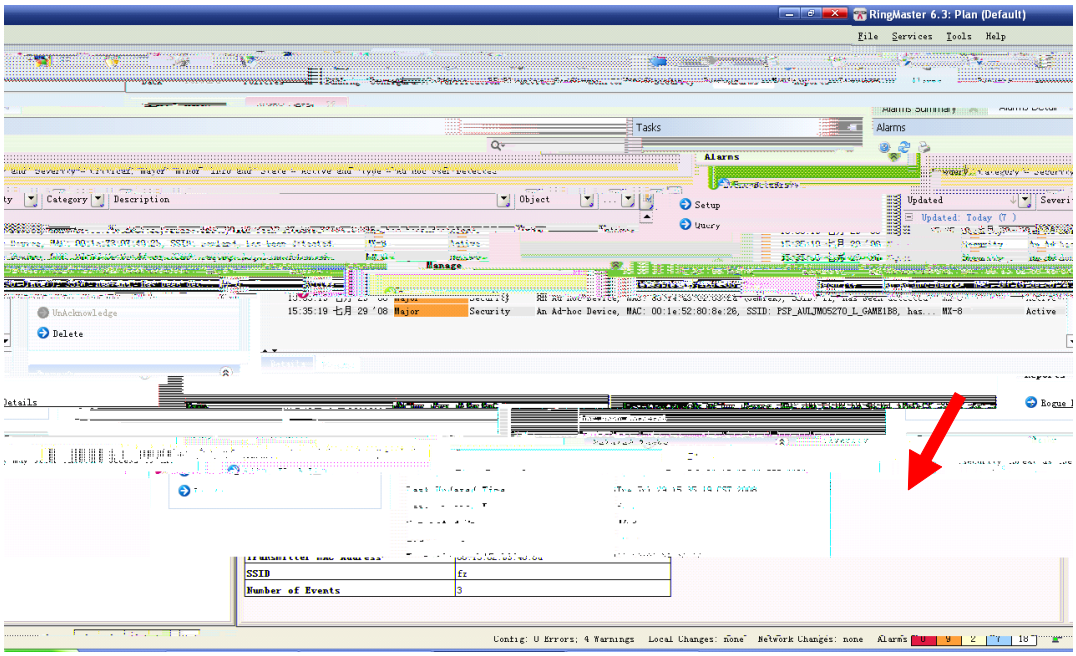


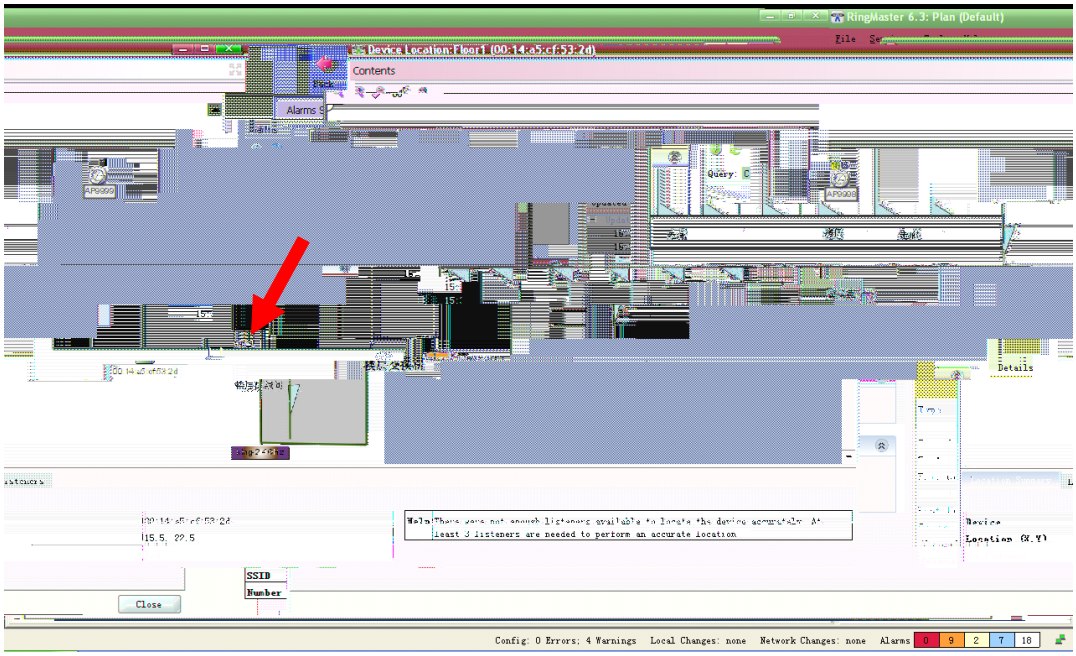
AP



2. -

Ad-hoc locate


RingMaster 6.3: Plan (Default)
File Services Tools Help
Tasks
Alarms
Alarms
Category
Description
Object
Setup
Query
Manage
UnAcknowledge
Delete
15:35:19 七月 29 '08
Major
Security
An Ad-hoc Device, MAC: 00:1e:52:80:8e:26, SSID: FSP_AULIMO5270_I_GAME1B8, has...
MX-8
Active
Details
Rogue
SSID
fr
Number of Events
3
Config: 0 Errors; 4 Warnings
Local Changes: none
Network Changes: none
Alarms


RingMaster 6.3: Plan (Default)
Device Location:Floor1 (00:14:a5:cf:53:2d)
Contents
Alarms
Query
Details
Device
Location (X,Y)
SSID
Number
Close
Config: 0 Errors; 4 Warnings
Local Changes: none
Network Changes: none
Alarms