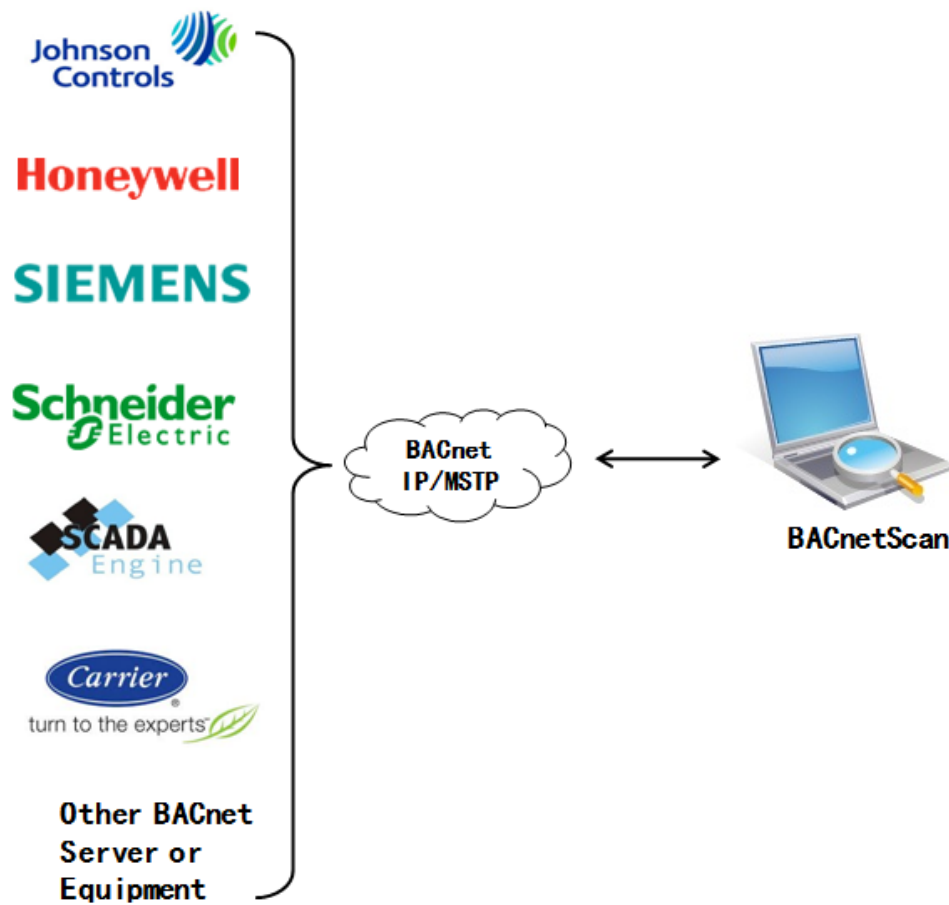


BACnetScan

User Manual



Shanghai Sunfull Automation Co., LTD

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1 Preface

1.1 Disclaimer

All technical content within this document can be modified without notice. The content of the document content is a recurring audit.

For losses due to fire, earthquake, third party access or other accidents, or intentional or accidental abuse, misuse, or use under abnormal conditions repairs are charged to the user. Shanghai Sunfull Automation Co., Ltd will not be liable for accidental loss of use or inability to use this product, such as loss of business income. Shanghai Sunfull Automation CO.,LTD shall not be liable for consequences of improper use.

1.2 Technical Support

- Email: support@opcmaster.com
- TEL: 021-20252795
- website: <http://www.opcmaster.com>

2 Overview

BACnetScan was developed by Shanghai Sunfull Automation Co., LTD, It is BACnetClient Scan software. Support BACnet IP and BACnet MSTP. Support read write present value property, export EXCEL etc.supoort Chinese and English Language, easy to operate and quick scan speed from machine.

3 Configuration And Operation

Open BACnetScan.exe, click BACnet from list we can see BACnet IP and BACnet MS/TP. As below figure 3.1:

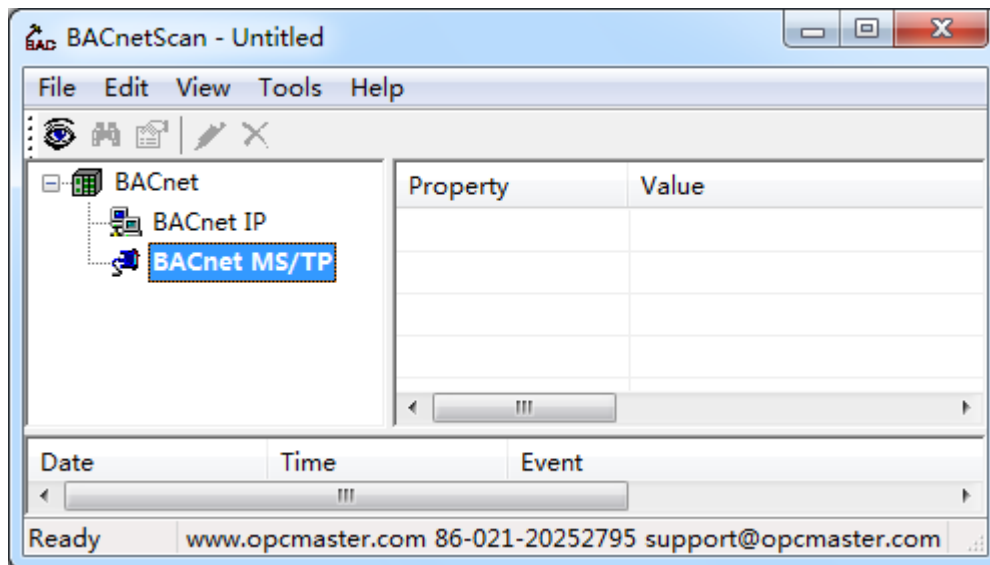


Figure 3.1 open BACnetScan

3.1 Language Setting

Click "View" menu, select Language Setting, as below Figure 3.1.1

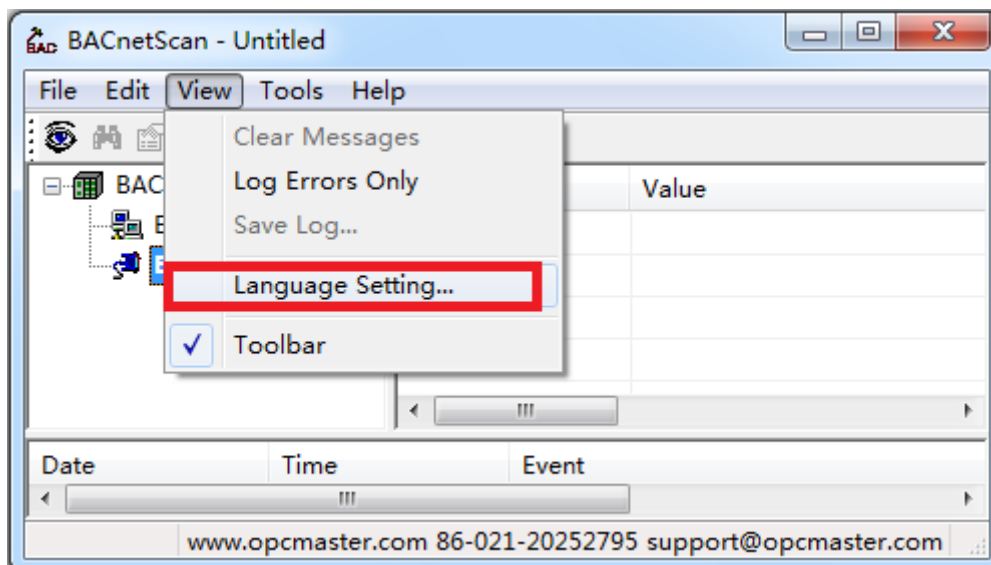


Figure 3.1.1 Language Setting

Select language as below Figure 3.1.2:

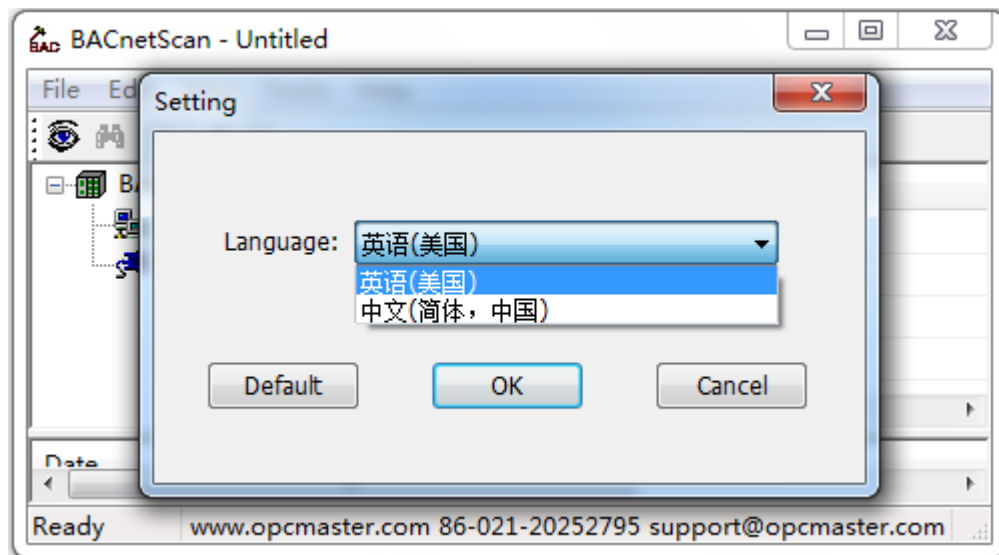


Figure 3.1.2 Select Language

3.2 BACnetIP Setting

If the machine or Server support BACnet IP, we will process BACnet IP Setting before scanning, click Tools select BACnet IP Setting. As below Figure 3.2.1

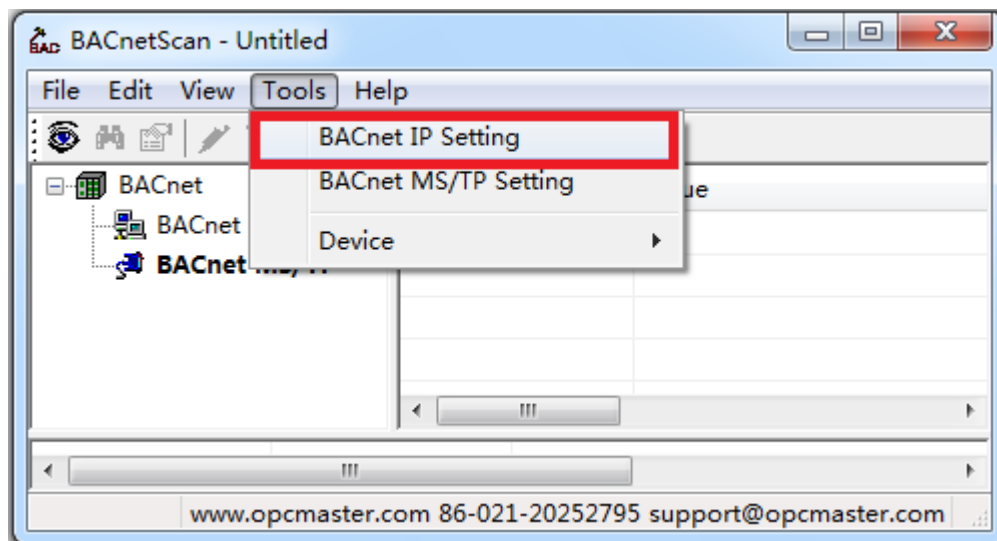


Figure 3.2.1: BACnet IP Setting

Dialogue box Network Communication Configuration as below Figure 3.2.2

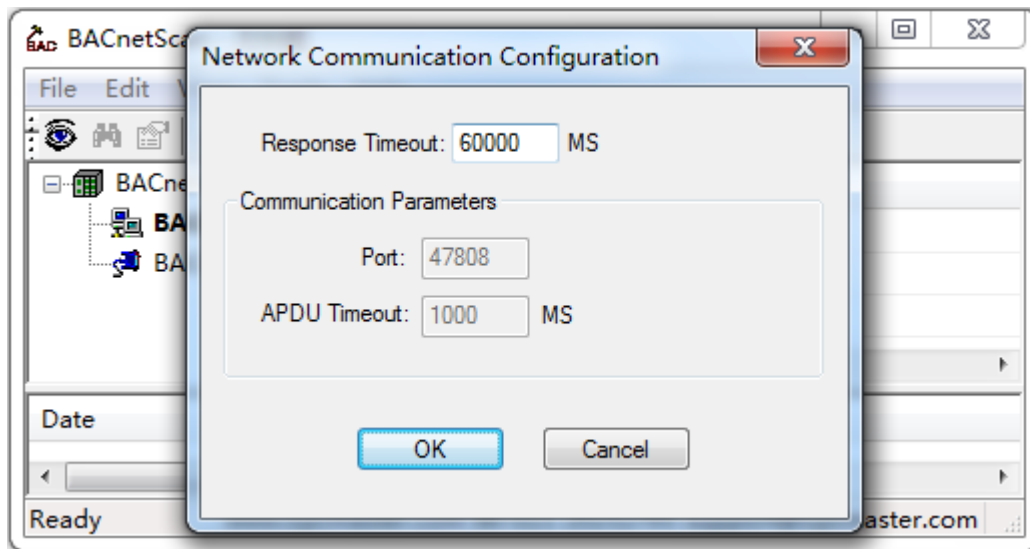



Figure 3.2.2 Network Communication Configuration

Right click BACnet IP and select “Search Device...” or click  button. As below Figure 3.2.3 .

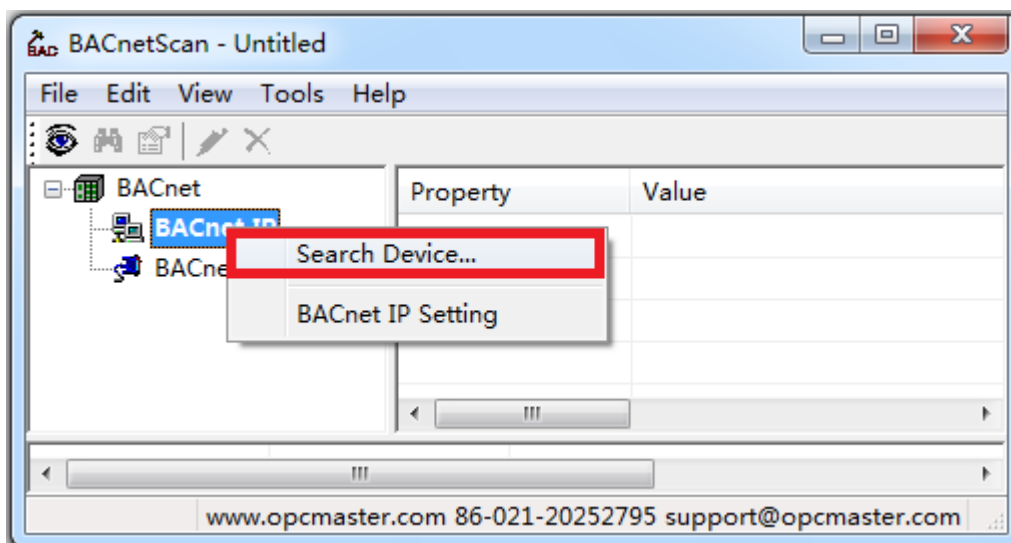


Figure 3.2.3 Search Device

Searched BACnet Device 111 in same Network segment as below Figure 3.2.4

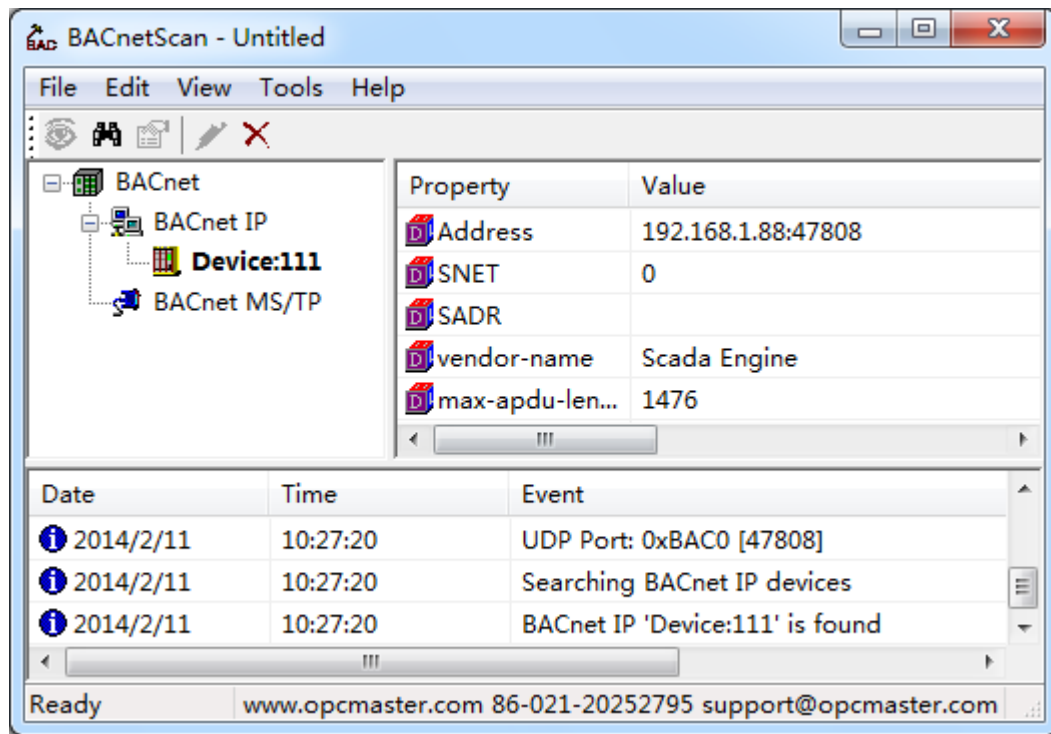


Figure 3.2.4 Scaned device

Click Device ,property and value on the right, right click Search Object or click button

, as below Figure 3.2.5

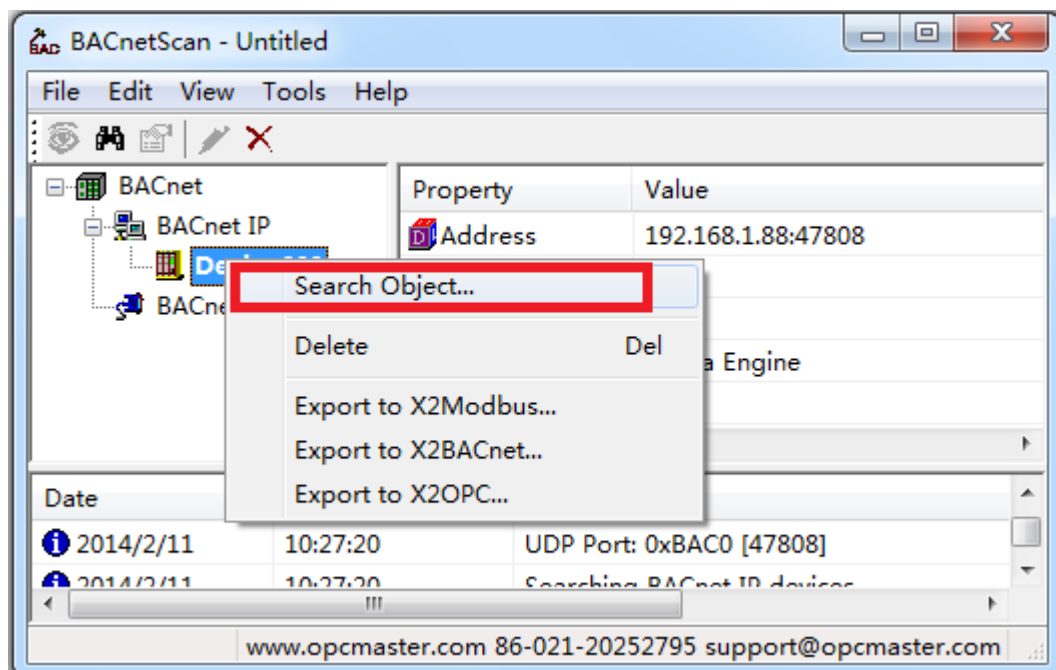



Figure 3.2.5:Search Object

After research objects, the user will read or write the object, select object and right click Read Properties or click “” as below Figure 3.2.6.

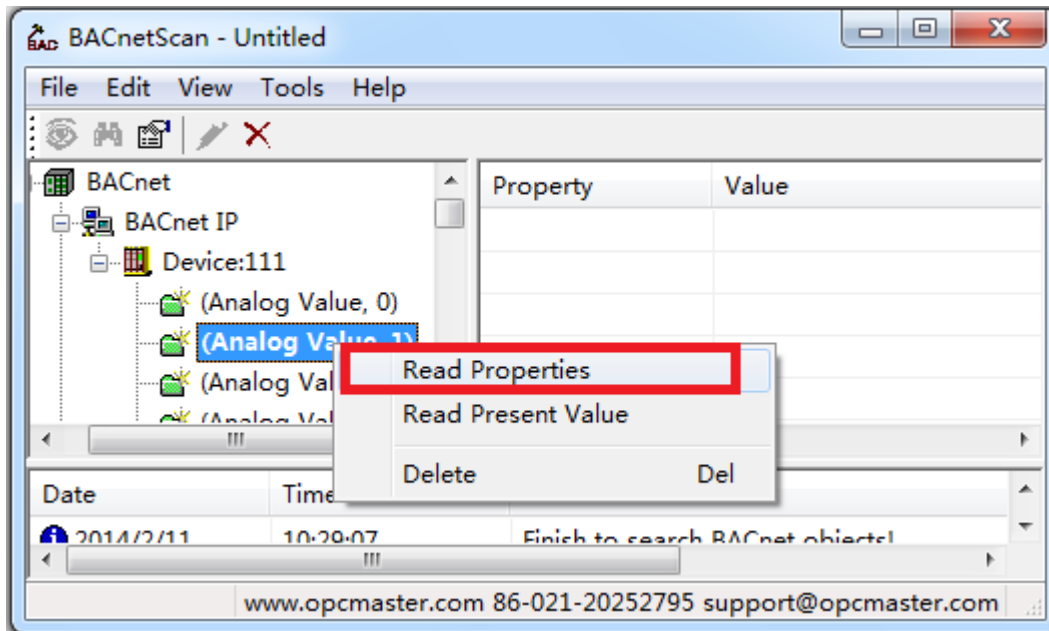


Figure 3.2.6.:Read Properties

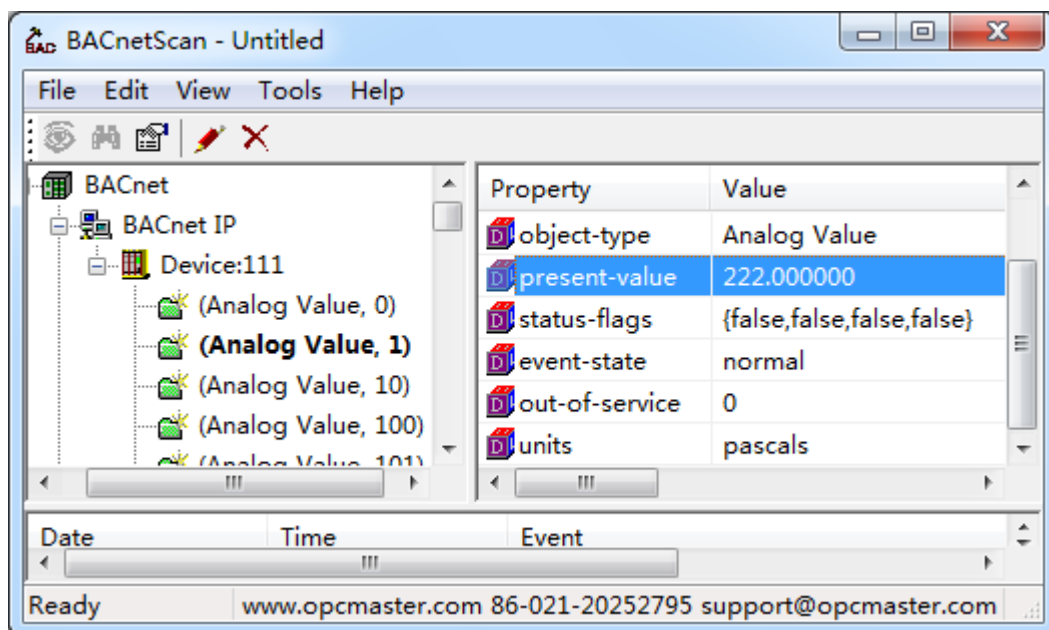


Figure 3.2.7.:read present value

Write value to Analog Value.1 , present value is 222.00,value is 1 ,click set.see as below Figure 3.2.8, present value changed as below Figure 3.2.9

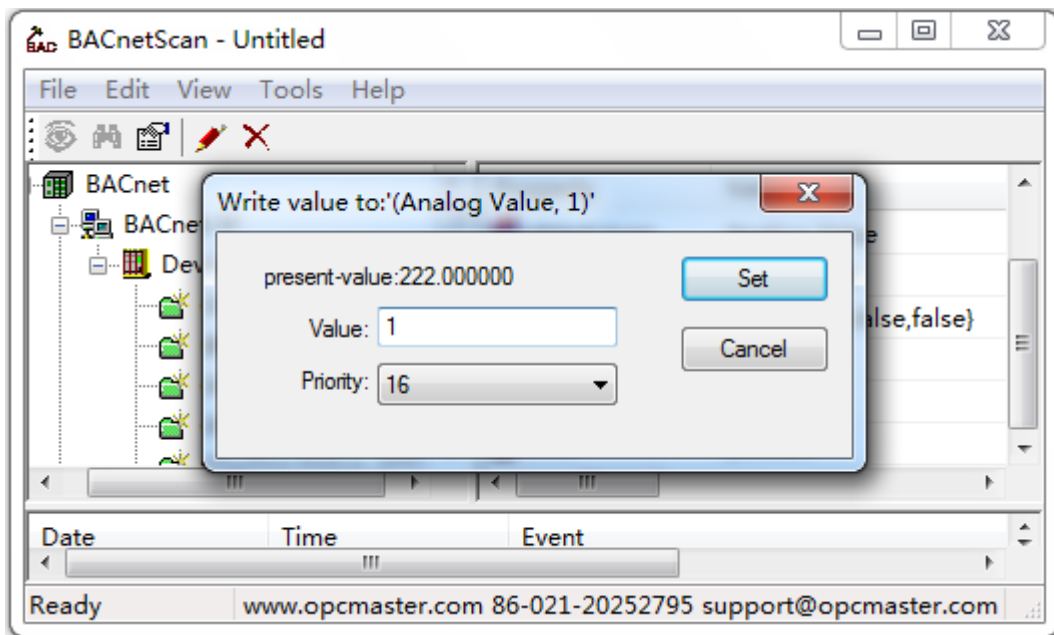


Figure 3.2.8 write value

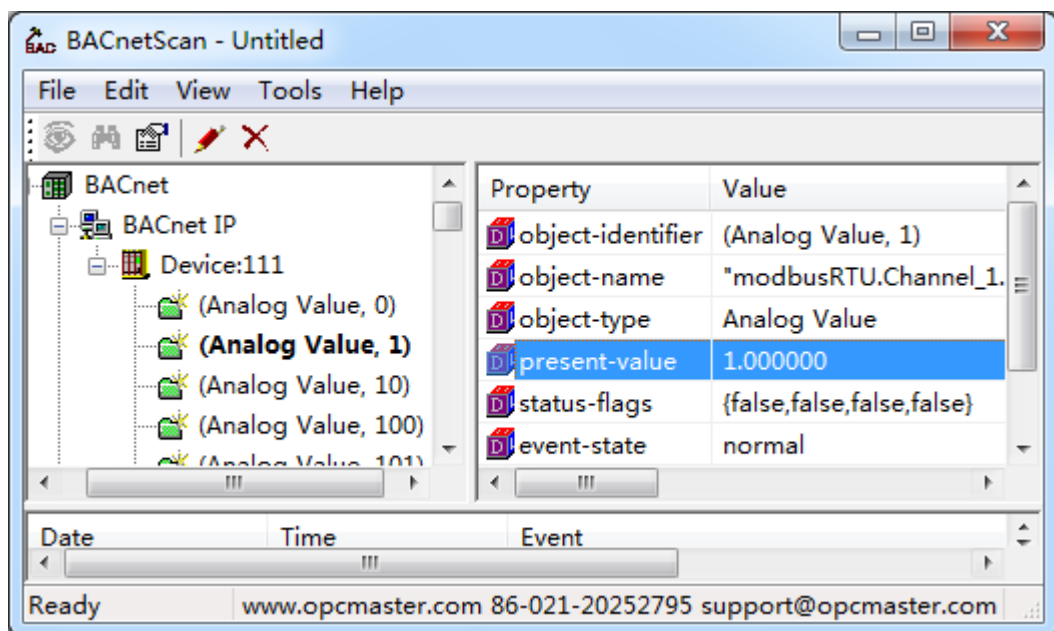


Figure 3.2.9 present value change to 1.00

3.3 BACnetMS/TP Setting

When the machine support BACnetMS/TP protocol, click Tools select BACnet MS/TP Setting as below Figure 3.3.1

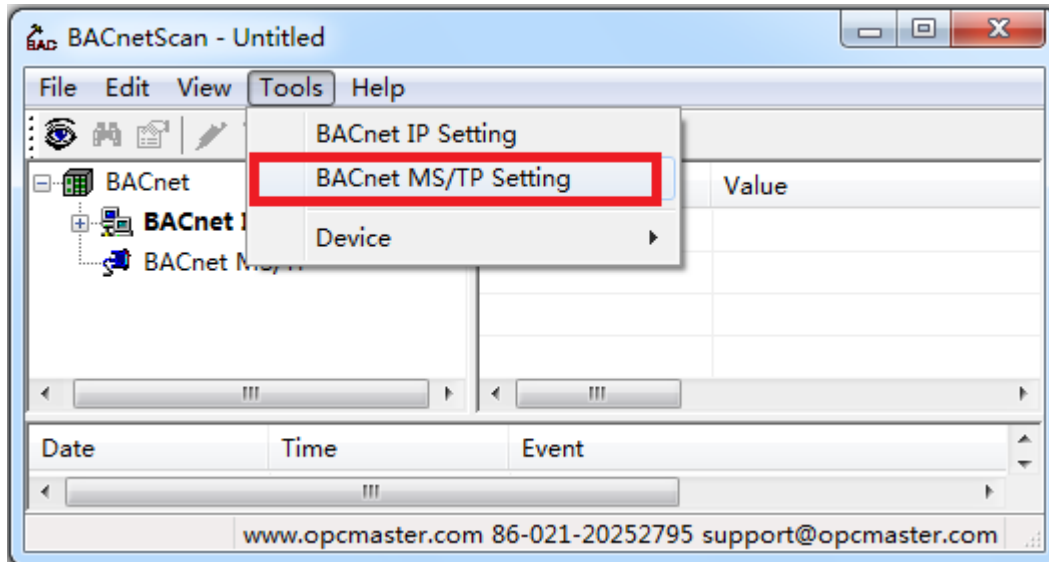


Figure 3.3.1 BACnet MS/TP Setting

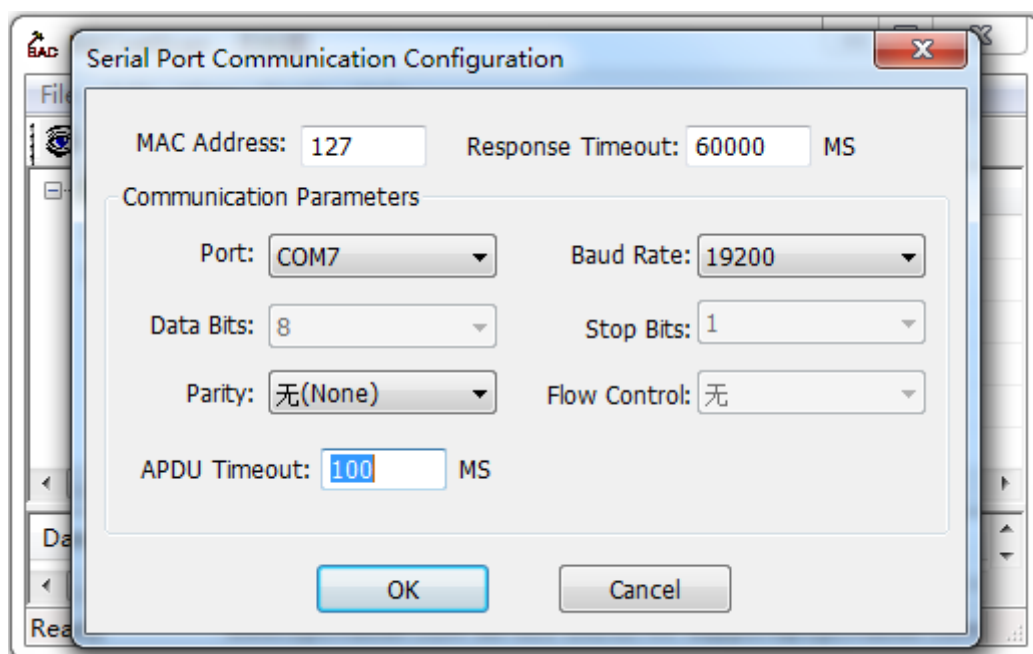


Figure 3.3.2 Serial Port Communication Cofiguration

Click BACnet MS/TP select Search Device, as below Figure 3.3.3

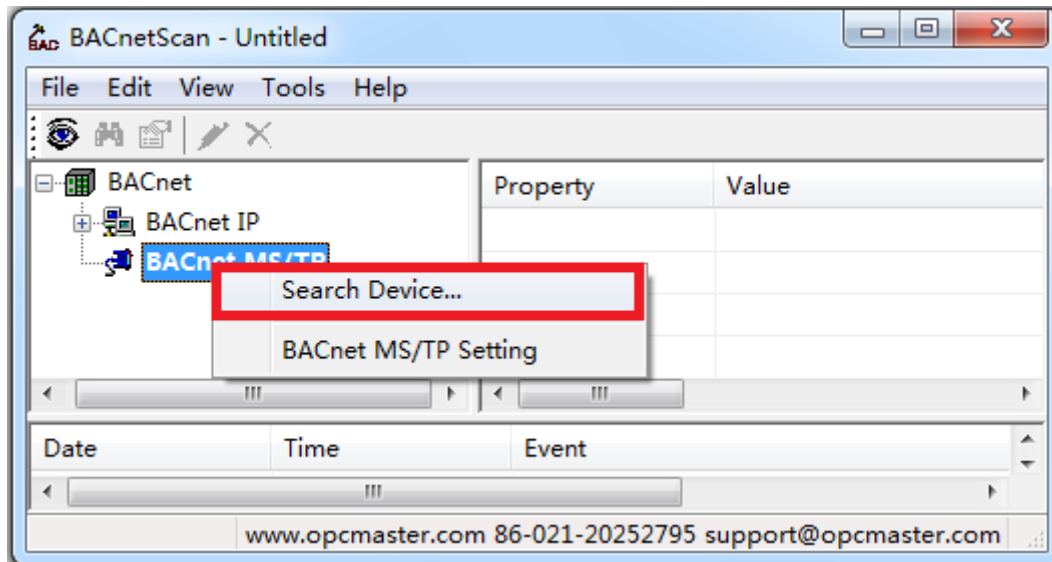


Figure 3.3.3 Search Device

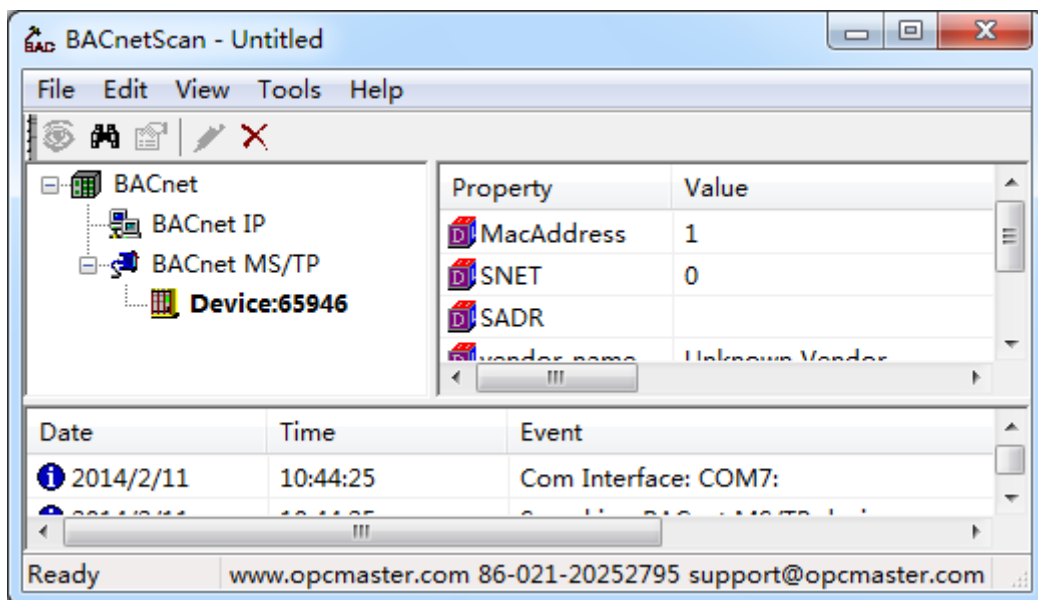


Figure 3.3.4 Searched Device 65946

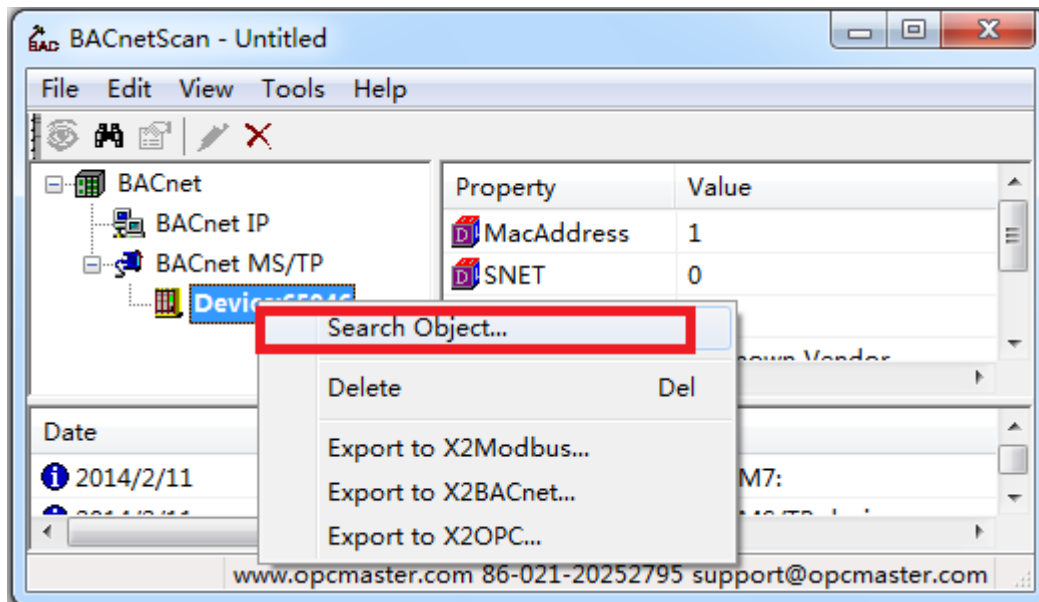


Figure 3.3.5 Search Object

Right Click the object , select Read Properties.as below Figure 3.3.6,

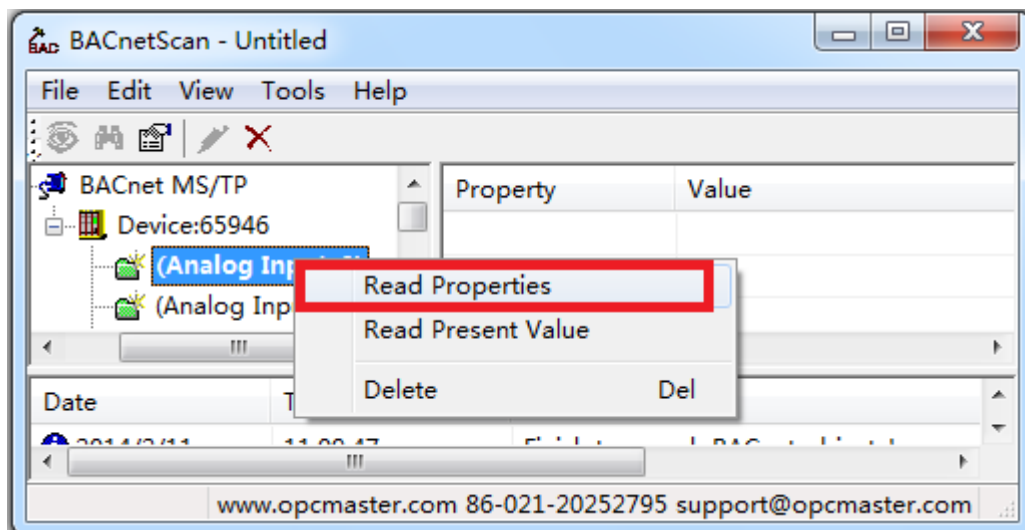


Figure 3.3.6 Read Properties

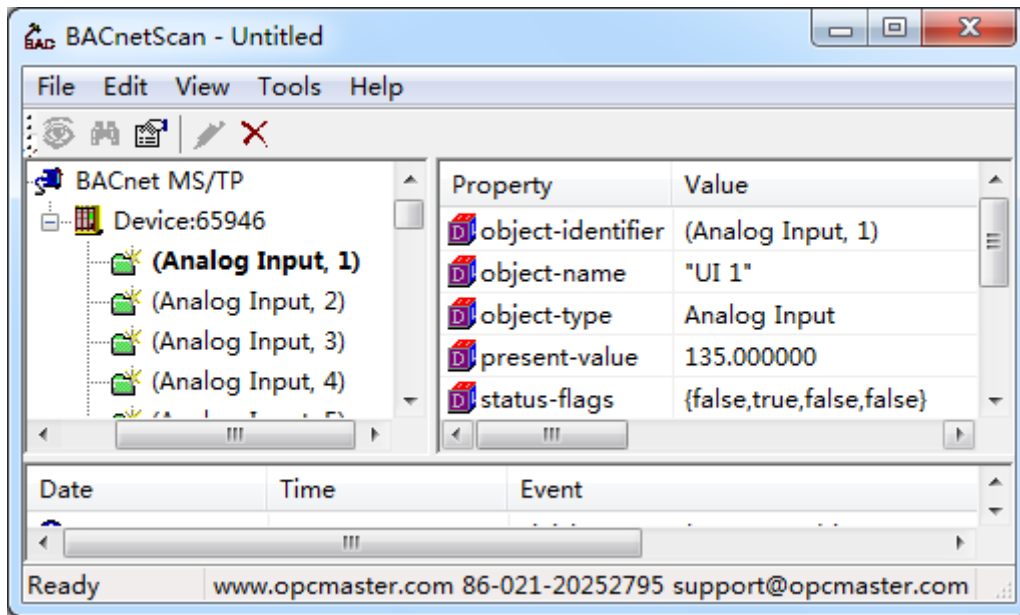


Figure 3.3.7 Object Property

3.4 Export to EXCEL

Export to EXCEL from all object we researched. Or the user can Export all object to X2Modbus, X2BACnet and X2OPC, easy to edit , as below Figure 3.4.1

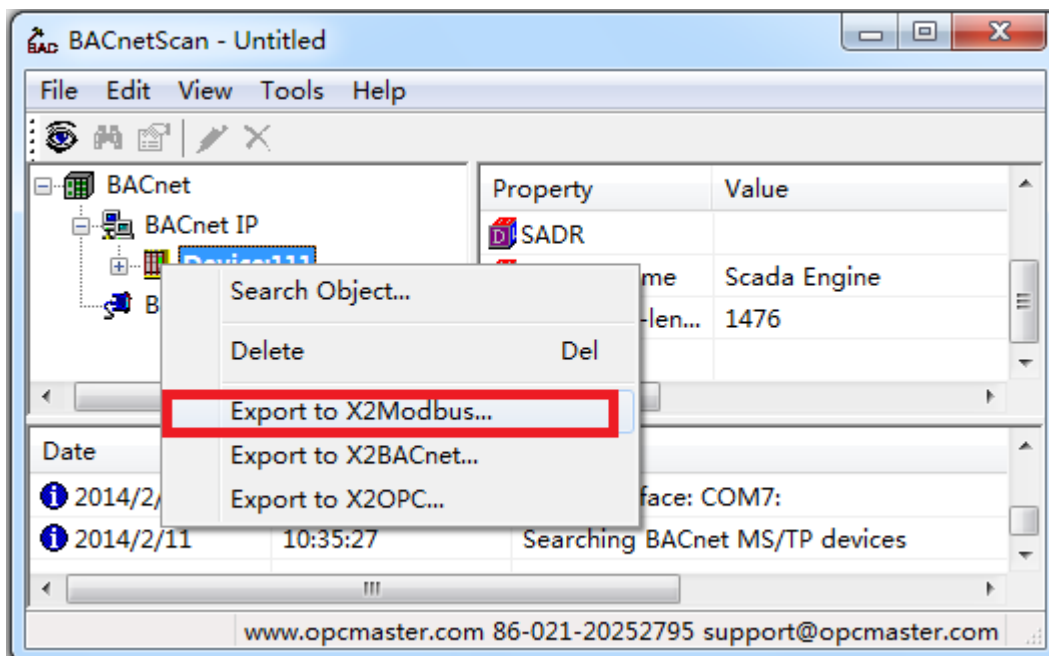


Figure 3.4.1 Export to EXCEL

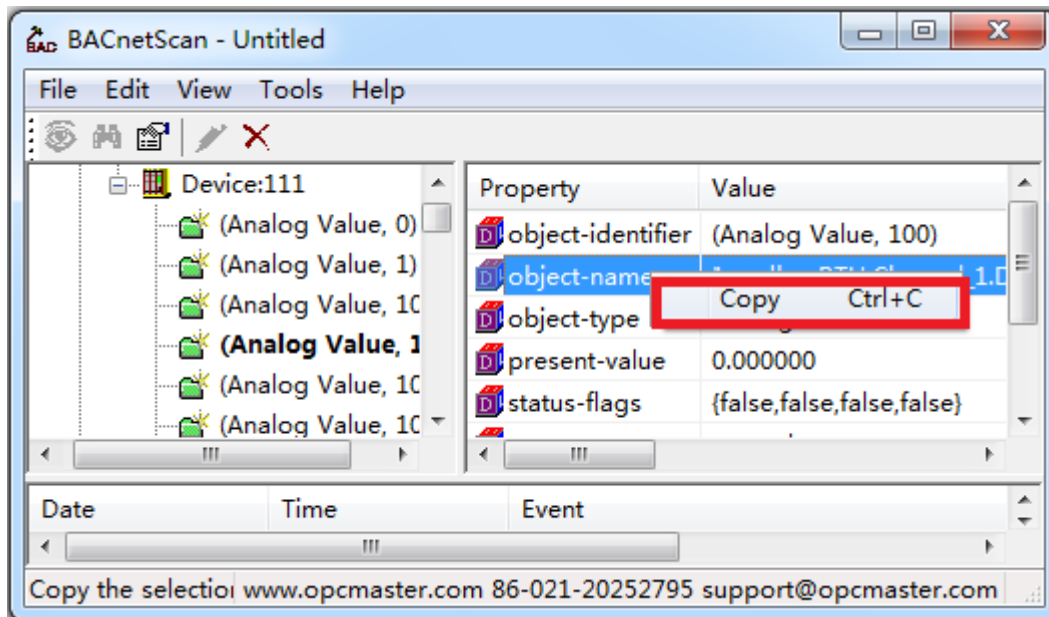


Figure 3.4.1 Copy Object property

3.5 Save logs

Click View, select Save Log, as below Figure 3.5.1

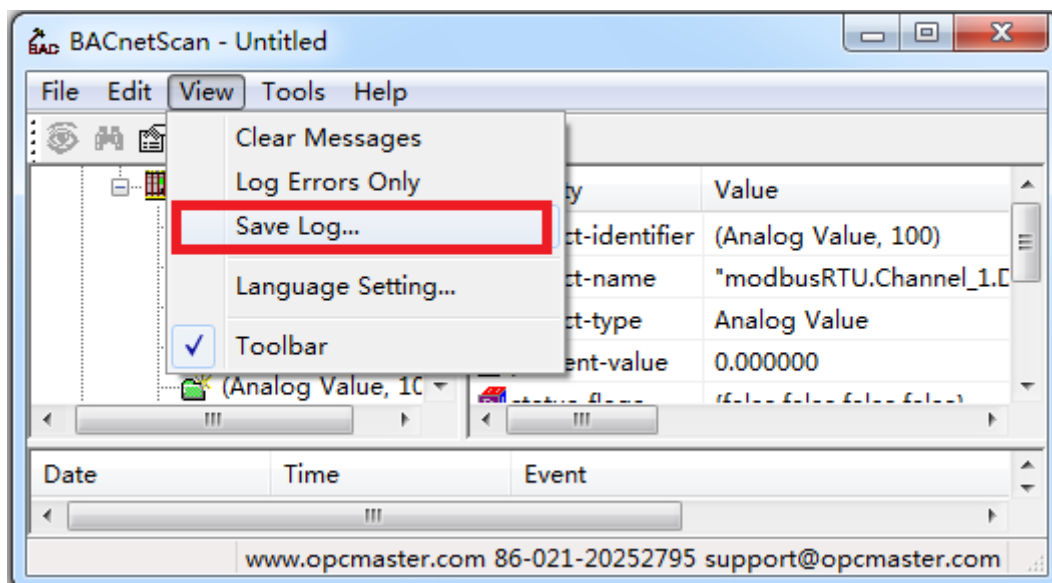


Figure 3.5.1 Select Save Log

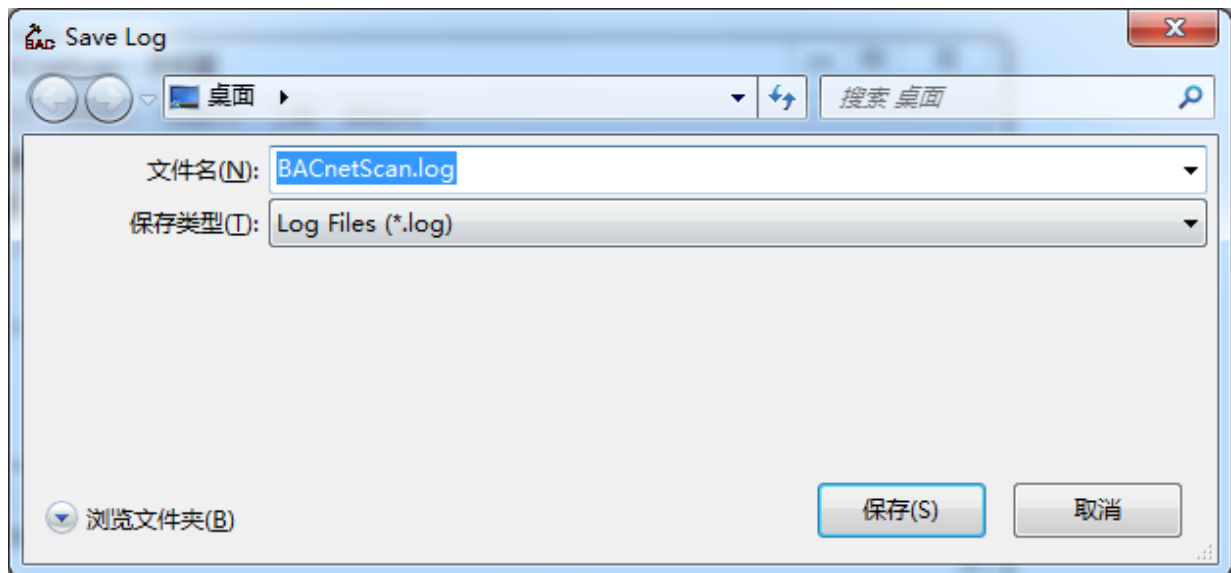


Figure 3.5.2 Save Log