

# NAPOPC\_ST DA Server

## Features

- Explorer-Style User Interface
- Multi-Thread Communication
- Auto Search
- Auto Generate
- Support Modbus Device
- Unique Design
  - Active data transmission mechanism (Client side)
  - OPC Client can select the document in the NAPOPC\_ST DA Server during runtime

## Support

- OS: Windows 95/98/ME/2000/NT/XP/7 (XP mode)
- Remote Procedure Call (RPC) with NAPOPC\_CE5/CE6 DA Server
- ICP DAS I-7K/I-8K/I-87K I/O modules
- ICP DAS Ethernet I/O
- ICP DAS FRnet Remote I/O
- ICP DAS ZigBee modules
- Support third party Modbus devices
- ICP DAS Embedded Controllers which support Modbus protocol
  - ICP DAS μPAC
  - ICP DAS WinPAC
  - ICP DAS ViewPAC
  - ICP DAS XP-8000
  - ICP DAS XP-8000-CE6
- Compatible with most development platforms (Visual C++ , Visual Basic, Visual Studio .Net)
- Compatible with all local and remote OPC Client (Remote Accessing using DCOM technique)
- Compliant with OPC specification V2.0



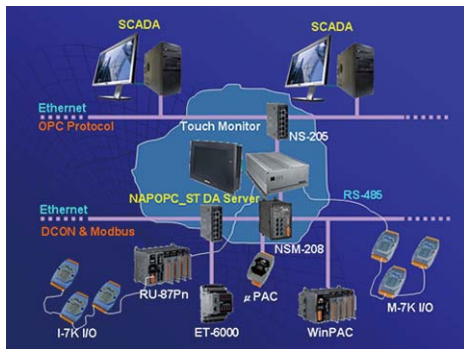
## Introduction

NAPOPC\_ST DA Server is a **free OPC DA Server** (The "OPC" stands for "OLE for Process Control" and the "DA" stands for "Data Access") for ICP DAS products. NAPOPC\_ST DA Server provides many benefits to users such as reduce time through lower system integration costs, integrate easily with plug-and-play SCADA/HMI/Database, connect and interoperate easily to custom applications, access to data by anyone in the automation hierarchy, reduce troubleshooting and maintenance cost, write to devices synchronously and asynchronously (not possible before OPC).

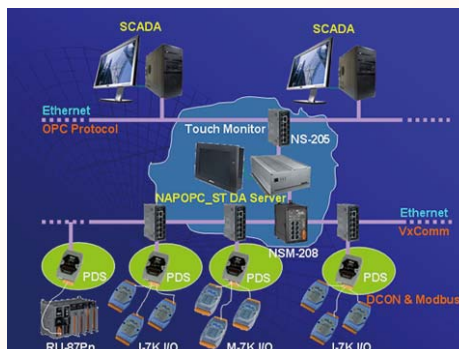
Using SCADA/HMI/Database software program, system contacts and obtains data from NAPOPC\_ST DA Server either on the same computer or on another computer. SCADA/HMI/Database makes a request and NAPOPC\_ST DA Server fulfills the request by gathering the data of ICP DAS modules and third-party devices to SCADA/HMI/Database.

## Applications

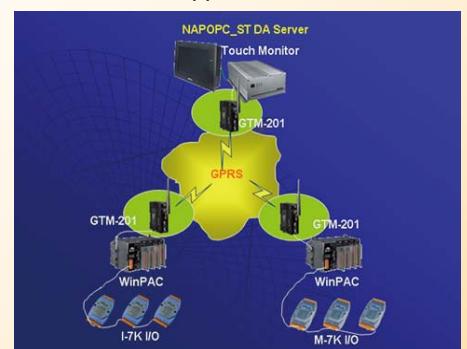
### ■ Protocol Conversion Application




### ■ VxComm Application



### ■ Wireless I/O Application



## Ordering Information

Run-time License	Description
NAPOPC-MB-E	Support Third Party Modbus Devices (Modbus TCP Master), one HardKey included.
NAPOPC-MB-S	Support Third Party Modbus Devices (Modbus ASCII/RTU Master), one HardKey included.
NAPOPC-MB-ALL	Support Third Party Modbus Devices (Modbus TCP/RTU/ASCII Master), one HardKey included.
	NAPOPC HardKey is an encapsulated chip that must be physically connected to the USB Port of the local computer on which NAPOPC_ST DA Server is installed.