



VCRWorX32 – Remote Playback

APPLICATIONS NOTE

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Description: Guide to setting up VCRWorX32, Alarm Viewer, DA Tags, and Genbroker when you want to play back DA and alarm information on a remote node.

OS Requirement: Windows 2000/NT/XP/2003.

General Requirement: GENESIS32 version 8.0 is installed on the Server and Client computers.

Steps: Server PC

1. Configure your AlarmWorX32 Logger to log Alarms (either to SQL Server or Access). If you are logging to an Access database, and would like to replay from this database on a remote machine, make sure the folder in which the database exists is shared.
2. Configure your TrendWorX32 Logger to log trend data.
3. Open the GenBroker Configurator. If the computers are in the same workgroup, then you can replay via the default channel. Otherwise, set the GenBroker communications to **OPC over TCP/IP**. Start GenBroker from GenTray.
4. Make sure your VCR Translation Table is created and the location specified.

Steps: Client PC

1. Open the GenBroker Configurator. If on the server the communications is changed to **OPC over TCP/IP**, set that channel as default on this client computer also. Under **Configuration properties** → **Advanced** → **Client** → **Miscellaneous**, select the VCRWorX32 node. You can select which machine in your network can be your VCR Server node.

of the tag (i.e. the tags, pens, and alarms should point to the VCR Server).

3. Go to **Start** → **Programs** → **Genesis32** → **Tools** → **Unified Data Configurator**.
4. Go to **Tools** → **VCRWorX32 Options**. Under **Connection to Alarm Logger Database**, click on **Select from DSN**. Create a new DSN which points to the Alarm logger database created (and logging to) on the server machine. Make sure you enter the correct table name.
5. Put the GraphWorX32 display into runtime. Go to **Tools** → **VCR replay**. Select a time present in the database, and you should be able to see the data replay.

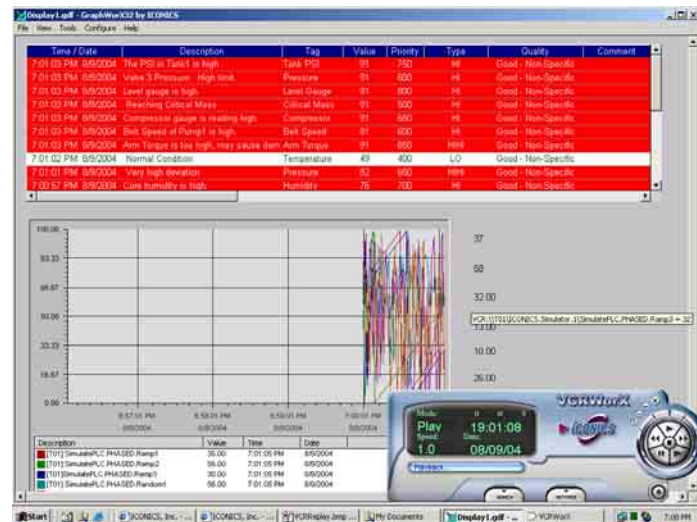


Figure 2

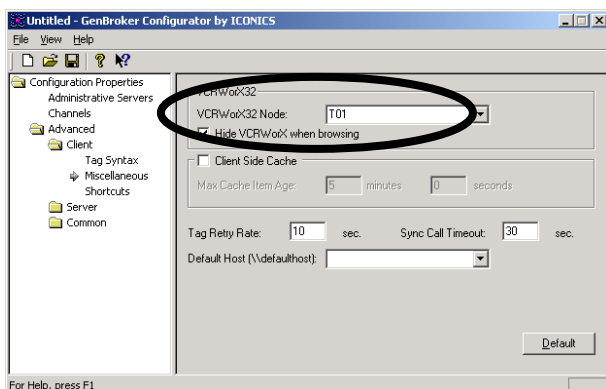


Figure 1

2. Create a GraphWorX32 display with an Alarm Viewer, Trend Viewer and some process points. The Alarm Viewer subscription should have the node name of the VCR Server. The process points and all the pens in the Trend Viewer should have the node name of the VCR Server in the front