

CTG App Note – Iconics – WebHMI and GenBroker Security on Windows 2003 Server.

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When GenBroker is running as a service on WebHMI Server you get licensing errors when connecting to WebHMI servers.

It's probably because the DCOM security settings on the server are too restrictive.

Symptoms you might see if this is wrong:

Licensing error messages on the web clients when trying to access the WebHMI server. (This error can also be caused by improper GenBroker configurations such that the client can't find the server. Make sure that if you use computer names in your GenBroker configuration, your DNS is setup properly such that you can ping the server from the client by name.)

- Configure GenBroker to run as a service and start automatically.
- Run dcomcnfg.exe
- Drill down to Component Services/My Computer/DCOM Config/Iconics Security Server
- Right click on it and select properties
- On the security tab - make sure the top box (Launch and Activation Permissions) is set to Customize and hit edit. You need to make sure that the following 5 groups are in the list:
 - Administrator
 - Administrators
 - System
 - Interactive
 - Network
- Each one needs to have all permissions allowed
- Repeat this for Access Permissions and Configuration Permissions
- Select the identity tab
- Select the This User radio button and use the administrator (or a user with admin permissions) and fill in the password.
- Hit OK when done

Reboot the server and try again.

You should now be able to log in successfully from WebHMI clients with GenBroker running as a service.

If you no longer receive license errors but your data points all show up as “Bad Quality” or “Unknown State”, you need to repeat the procedure above for the OPC Server executable (Services/My Computer/DCOM Config/OPCServerExecutableName).