



Improved OPC data access without added complications. Simple.

The business need

Your OPC Client applications only add value to your business when they have access to the data they need.

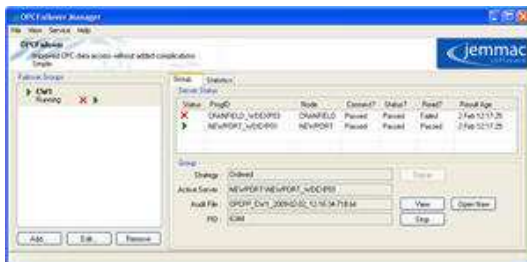
If they are unable to communicate with the OPC Server they have been configured to use, then they will not be able to do their job and lose you money.

This is true even if there are one or more alternate OPC Servers that could have been used to provide the required OPC data.

Several vendors offer solutions that help OPC Clients automatically use alternate OPC Servers when one OPC Server is unavailable. They often use the term "OPC Redundancy" to describe this capability.

All existing OPC Redundancy offerings add further complexity to the OPC environment and introduce themselves as a new single point of failure.

OPCFailover is 'simply' different.



The benefits

There are numerous benefits to using OPCFailover for your OPC Redundancy needs:

- Its patented, unique and simple design underpins a robust and reliable solution.
- It is vendor independent and works with any version of any type of DCOM based OPC Server.
- It only takes a few minutes to install and configure OPCFailover.
- It won't complicate or compromise your OPC environment. Your OPC Clients remain directly connected to the OPC Servers.
- It does not introduce a new single point of failure.
- You can even upgrade OPCFailover without impacting the OPC Clients.
- OPC Clients can 'opt in' to using OPCFailover and can co-exist with others that are not using it.
- OPCFailover can detect and tolerate badly behaved OPC Servers, such as those that deadlock or stall.
- It is very light weight. You will not notice any extra load on your systems.
- It has a very simple licencing model that allows unlimited use per node.
- And... it really does work





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The basics

- OPCFailover is a Windows Service that runs on your OPC Client node.
- The OPCFailover Manager is the user interface application for this Service.
- OPCFailover introduces the concept of OPCFailover groups.

Technical insight

An OPCFailover group is a collection of OPC Servers that offer alternative paths to the same underlying data.

There can be any number of OPCFailover groups, each of which can have as many member OPC Servers as required.

OPCFailover groups are created and configured using the OPCFailover Manager.

The name of the OPCFailover group is important. OPCFailover creates, what appears to be, a locally registered OPC Server using the name of the OPCFailover group.

This new OPC Server registration data actually maps directly to a real OPC Server. An OPC Client that elects to connect to the OPCFailover group is in fact actually connecting to the real OPC Server.

OPCFailover ensures that the mapping is always setup to allow OPC Client to connect to a healthy OPCServer.

What's next?

If you have OPC Clients that add value to your business you will get more out of them by using an OPC Redundancy solution.

OPCFailover delivers a simple, robust vendor neutral OPC Redundancy solution that does not compromise or complicate your OPC environment.

To see what OPCFailover can do for you:

- Download a fully functional 30 day trial from www.jemmac.com.
- Install the trial on your OPC Client node.
- Setup an OPCFailover group containing real OPC Servers.
- Configure your OPC Client to reference this OPCFailover group as its OPC Server.
- Induce failures on your real OPC Servers and verify that your OPC Client continues to add value to your business.

Additional information

For more details on OPCFailover:

- Go to: www.jemmac.com
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