NETxAutomation Software Solution

# THE **FINAL** PIECE TO **YOUR** PUZZLE

NETx**KNX**®

# OPC Server
# 3.5

# Main/Backup
# Solution

An important key feature of the NETxKNX® **OPC Server 3.5** is the redundancy. This means that it is possible to couple two OPC servers. This feature allows maximum reliability of the server on the network.

**How it works:**

In the studio, both OPC servers can be configured, that they create a main/backup structure. Both servers communicate via Ethernet to the gateways and are also connected to each other.
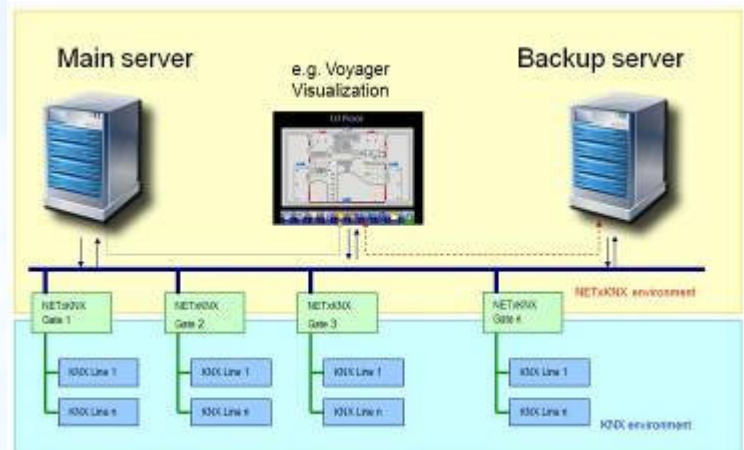
While the main server is default set to active state and reads and writes to both from and to the KNX bus, backup server is by default set to inactive s, but gets the data sent from the main server.



So, if the main server should be shut down for maintenance or other reasons like technical fail, the backup server is automatically set to active and takes over the role of the main server. The main server in this case is set to inactive.

If maintenance is completed, which means that the main sever will be started again, to the main server, the backup server reacts on that and sends the current state of the entire KNX system to the main server. The main server is set automatically to active state while the backup server will also be automatically again set to inactive state.

This means that no data is lost and the KNX system reliability is ensured.

For more information please contact: