If I run the 'QOPCReferenceUpdate' tool to synchronise Exaquantum with the latest DCS ranges, this will update all the tags, including those that were set for data write back and need to have different ranges to the DCS. Is there any way this can be done so that the write back tags are not changed?

If you have some tags whose OPC Reference Data must be different in Exaquantum from the DCS then do the following:

1. Use the OPC Server Type Wizard to create a new OPC Server Type based on the original, but disable support for 'Property Access'.
2. Create a new OPC Gateway of the new ServerType and use this gateway when create any tags whose reference data must be different from the DCS.

By doing this, reference items will be created as Manual Items, they must be set within Exaquantum and will never be updated from the OPC Server.

(checked 04/10/2017 - RLT)