Telephone: 01480 395256
www.i4automation.co.uk
sales@i4automation.co.uk

i4 Automation Ltd
Innovative Solutions for Industry

Deny PCOM Access Bitmap with SDW 10

By using a store function on the power up bit rail to put int the binary values you can now manipulate what is accessible with remote access now.

Bits 0- No uploading, downloading, run, Init or stopping the PLC
Bit 1 – can't edit RS232 or CANbus params
Bit 2 - Block Remote Operator
Bit 3 - Block writing and downloading of data tables
Bit 4 - Block altering of Operand values (MB,MI,etc.)
Bit 5 - Block importing or exporting from SD

To Deny PCOM Access for various functions you need to turn ON the appropriate bits for the value in SDW10 –

For example, to turn on bit 0 you will store a value of 1 in SDW10
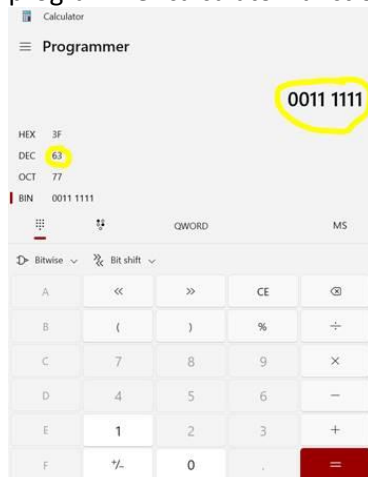

To turn on bit 1 you will store a value of 2 in SDW10
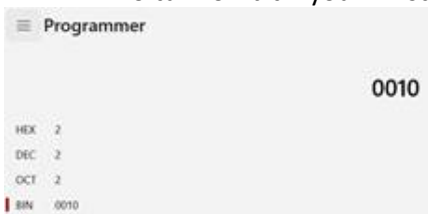
To turn on bit 2 you will store a value of 4 in SDW10 etc

To turn on all the bits you will store a value of 63 in SDW10, this can be calculated easily using the programmer calculator function in windows as per screenshot below –

so, when looking at the binary for example 0011 0111, Bits 0-5 go from right to left. 001-Bit 5, 1-4, 0-3, 1-2, 1-1, 1-0.

If you find yourself locked out while messing with SDW10, Info Mode on the PLC itself still has Priority over SDW10 to be able to revert any changes.