

**Sommario**

|                             |   |
|-----------------------------|---|
| <b>VR10WrdtoLng</b> .....   | 3 |
| <b>IMPLEMENTATION</b> ..... | 3 |



## VR10WrdtoLng

**V** = Variable

**R** = Reading functions

The VR10WrdtoLng function has the task of composing together two WORD forming one LONG variable.  
At the function is passed the "high Word" and "low Word" that will form the Long variable.

## IMPLEMENTATION

### VR10WrdtoLng (swWordUp,swWordDw,slLong)

Parameters:

| IN/OUT | VARIABLE TYPE   | EXAMPLE NAME | DIM |   |
|--------|-----------------|--------------|-----|---|
| IN     | SYSTEM / GLOBAL | swWordUp     | W   | Word that represents the UPPER part of the Long |
| IN     | SYSTEM / GLOBAL | swWordDw     | W   | Word that represents the LOWER part of the Long |
| OUT    | SYSTEM / GLOBAL | slLong       | L   | Long has 2 Word passed to the function          |

### Example

```

MAIN:
swWordDw = aswBuffer[200]           ;Sets the lower part
swWordUp = aswBuffer[201]           ;Sets the top part
VR10WrdtoLng(swWordUp,swWordDw,slLong)      ;It comprises the Long
AnAsse:setpos = slLong             ;Sets the Long on setpos a device
.....
END

```

### Note

- If the variable you use to read 2 word on the switch buffer between Qmove and another device, Remember that it is passed before the lower variable part and then the top part. You would then lower on an element of the buffer and the top the next element.

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