A screenshot of a computer

Description automatically generated

**2500P-ACP1 I/O Definition**

The ACP1 I/O definition is specified by selecting one the following I/O configurations in the *CTI 2500P-ACP1 I/O*

*Configuration Wizard* provided in ***CTI Workbench***:

• Discrete I/O: 32 inputs / 32 outputs (32X/32Y)

• Word I/O: 32 inputs / 32 outputs (32WX/32WY)

• Mixed I/O: 32 discrete inputs/outputs and 32 word inputs/outputs (32X/32Y/32WX/32WY)



The Mixed I/O interface requires special care when assigning an *I/O Address* because the Series 505® model

allows one “login” address for each module slot. Therefore, the *I/O Address* assigns the image register

positions for both the Discrete I/O and Word I/O values.

In the example, a value of “2001” is designated as the I/O Address. This equates to the following I/O mapping

for ACP1 data within the PLC:

• 32 discrete inputs mapped to X2001-X2032

• 32 discrete outputs mapped to Y2033-Y2064

• 32 word inputs mapped to WX2065-WX2096

• 32 word outputs mapped to WY2097-WY2124