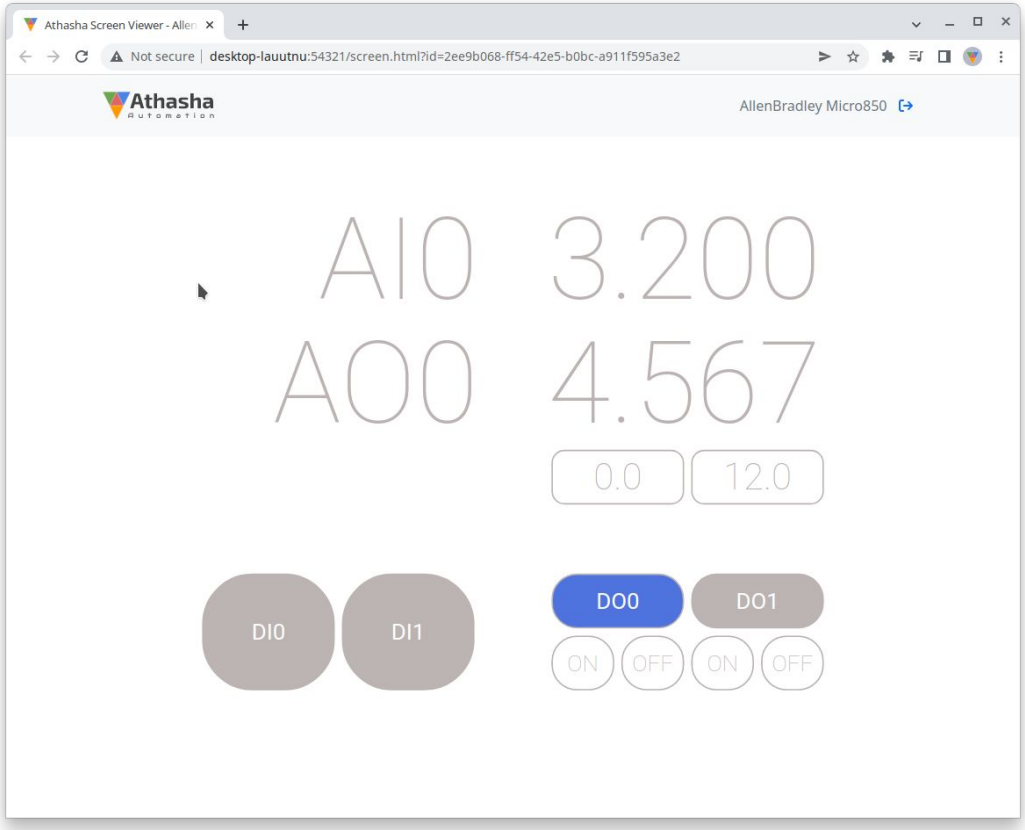
Allen-Bradley Micro850 Demo



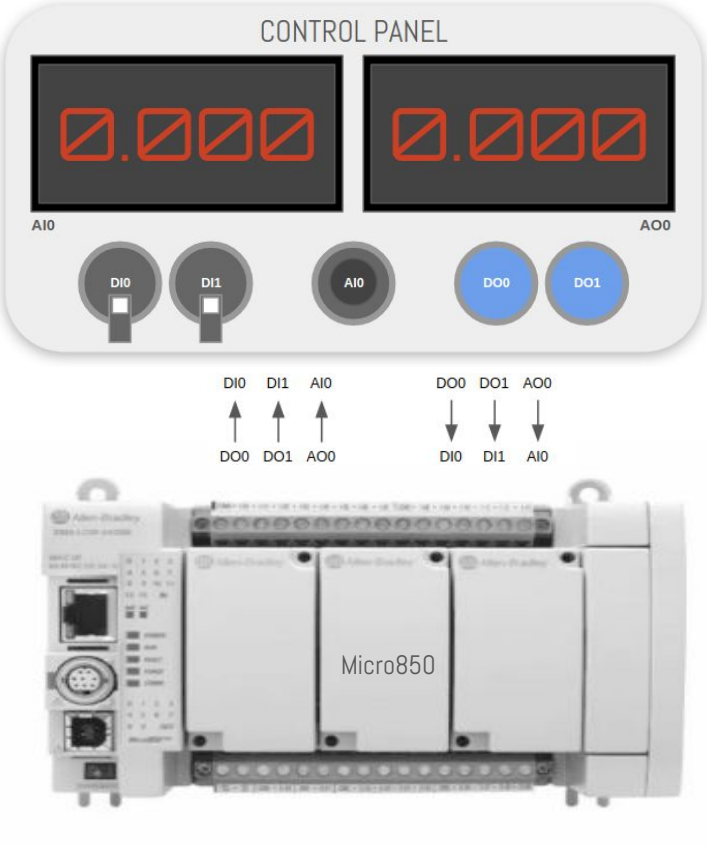
Rockwell Automation
Allen-Bradley

FANUC

EMERSON

SIEMENS

PLC Wiring


CONTROL PANEL
0.000
0.000
AI0
AO0
DI0
DI1
AI0
DO0
DO1
DI0 DI1 AI0
DO0 DO1 AO0
DO0 DO1 AO0
DI0 DI1 AI0
Micro850

PLC Configuration

Connected Components Workbench

Controller - Ethernet

Internet Protocol (IP) Settings

- (•) Obtain IP address automatically using DHCP
- ( ) Configure IP address and settings

IP Address: 10 . 77 . 3 . 215

Subnet Mask: 255 . 0 . 0 . 0

Gateway Address: 10 . 77 . 0 . 1

[x] Detect duplicate IP address

EtherNet/IP

[x] Inactivity Timeout 120 sec

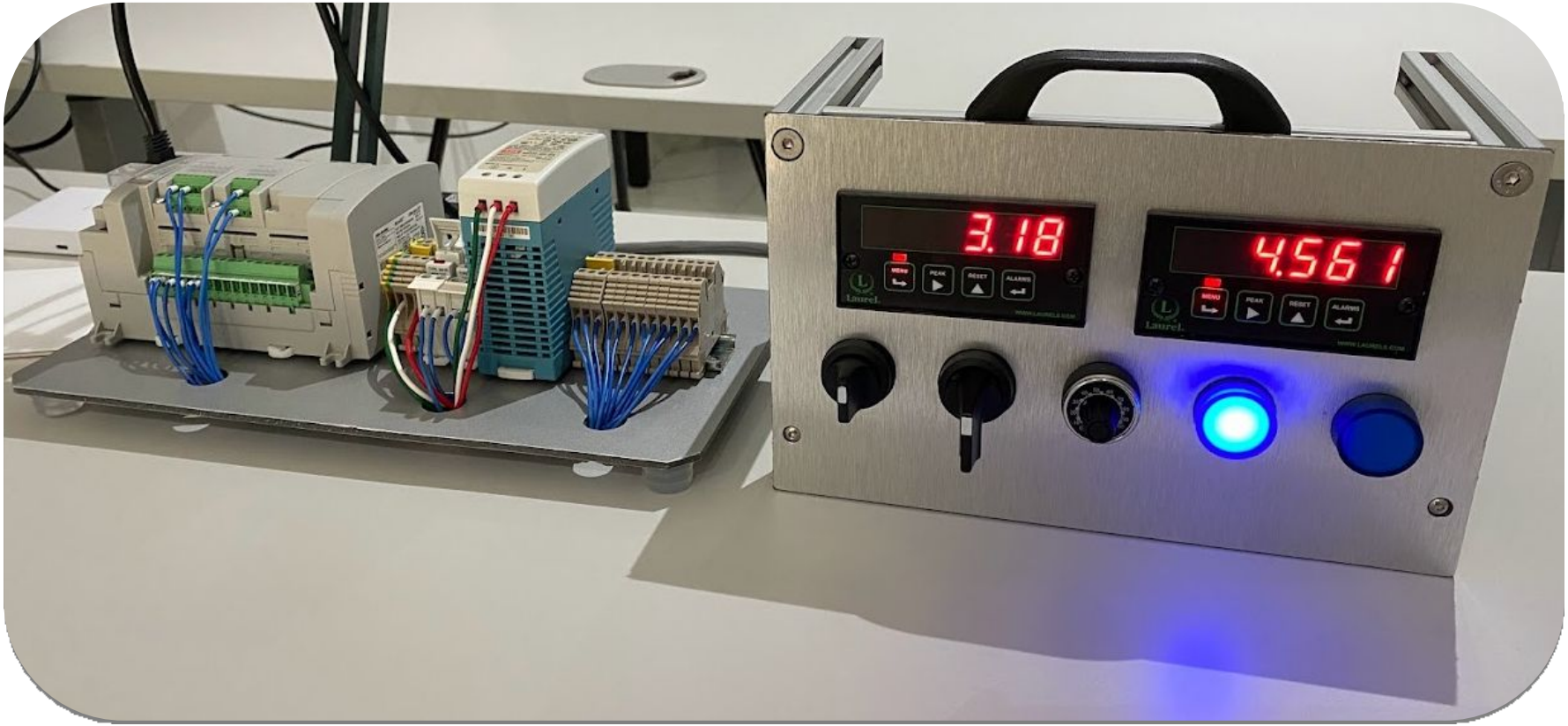
Modbus TCP

Server state: (•) Enabled ( ) Disabled

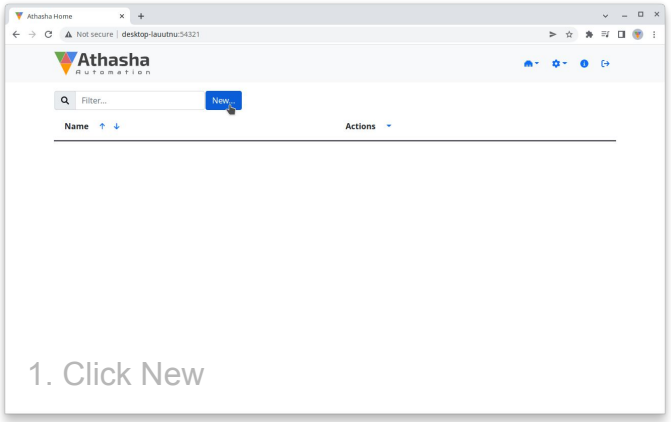
MODBUS MAPPING

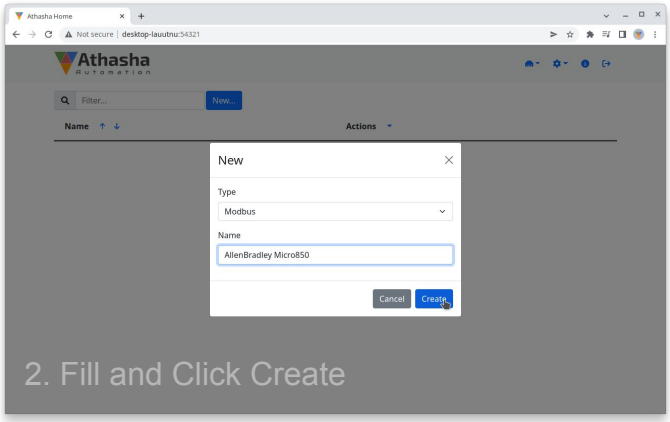
Variable Name	Data Type	Address	Addresses Used
_IO_EM_DO_00	BOOL	000001	000001
_IO_EM_DO_01	BOOL	000002	000002
_IO_EM_DI_00	BOOL	100001	100001
_IO_EM_DI_01	BOOL	100002	100002
_IO_P1_AI_00	UINT	300001	300001
_IO_P2_AO_00	UINT	400001	400001

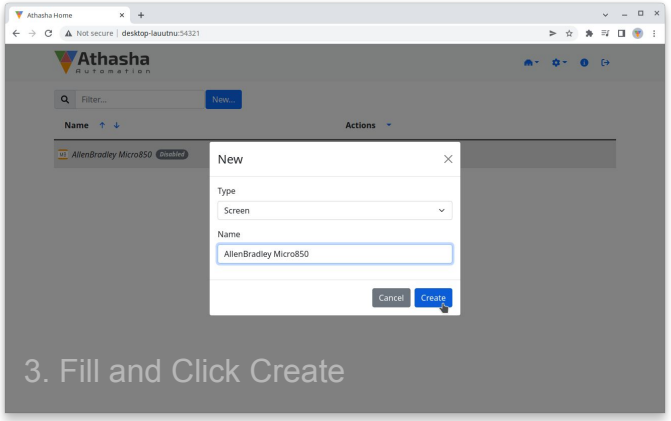
PLC Fixture

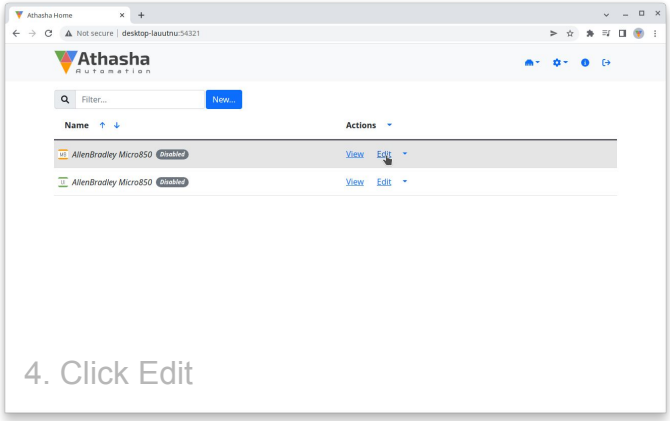


Athasha Setup

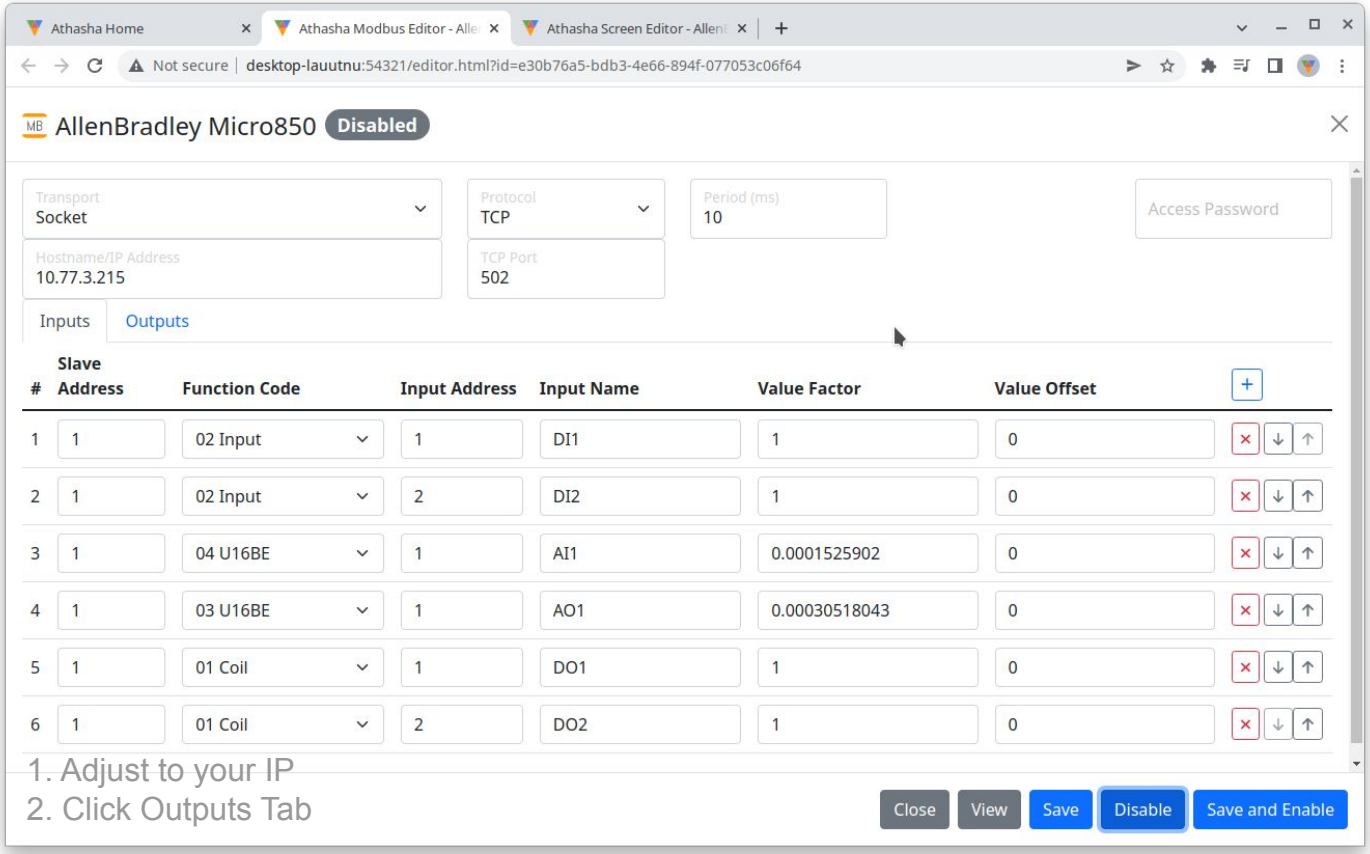




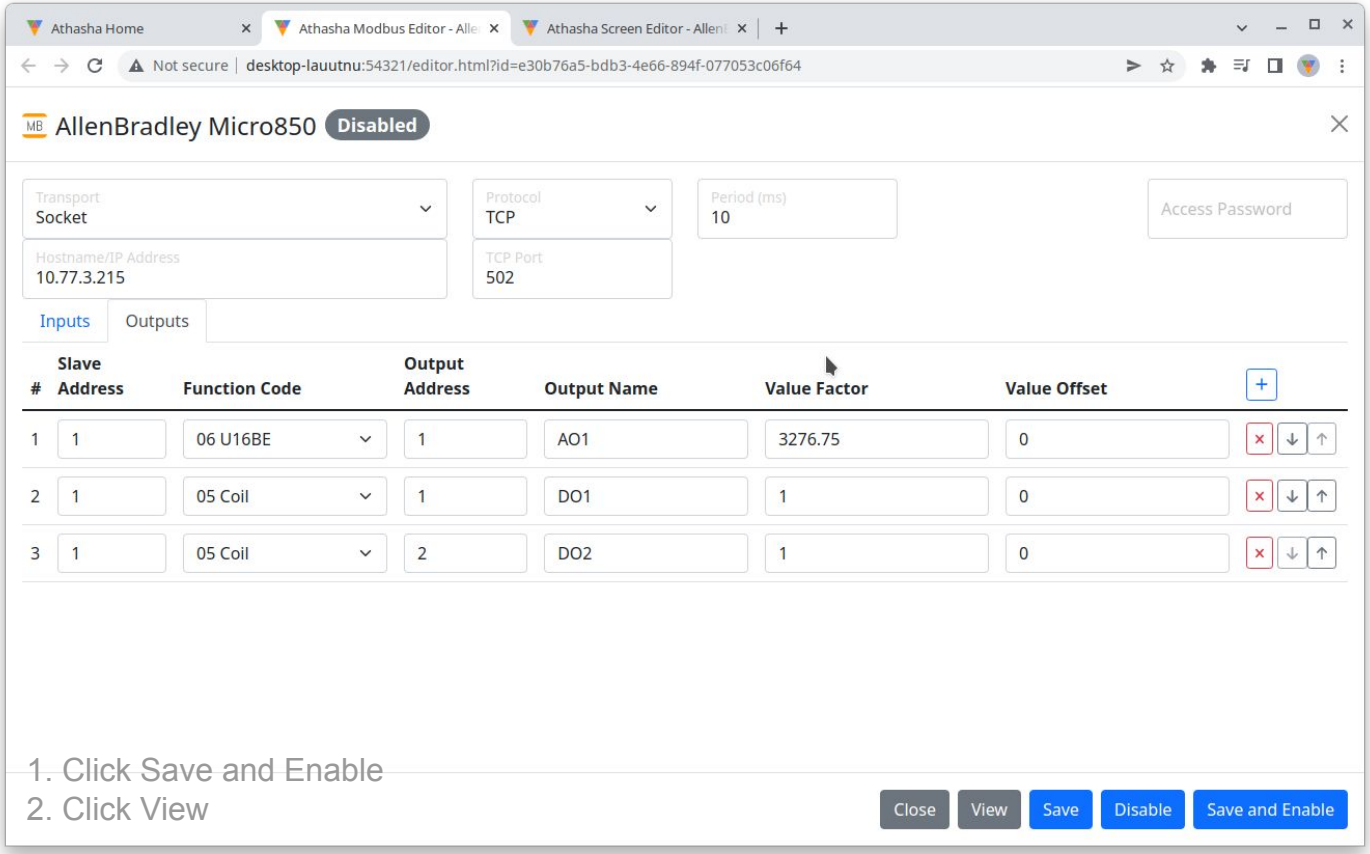




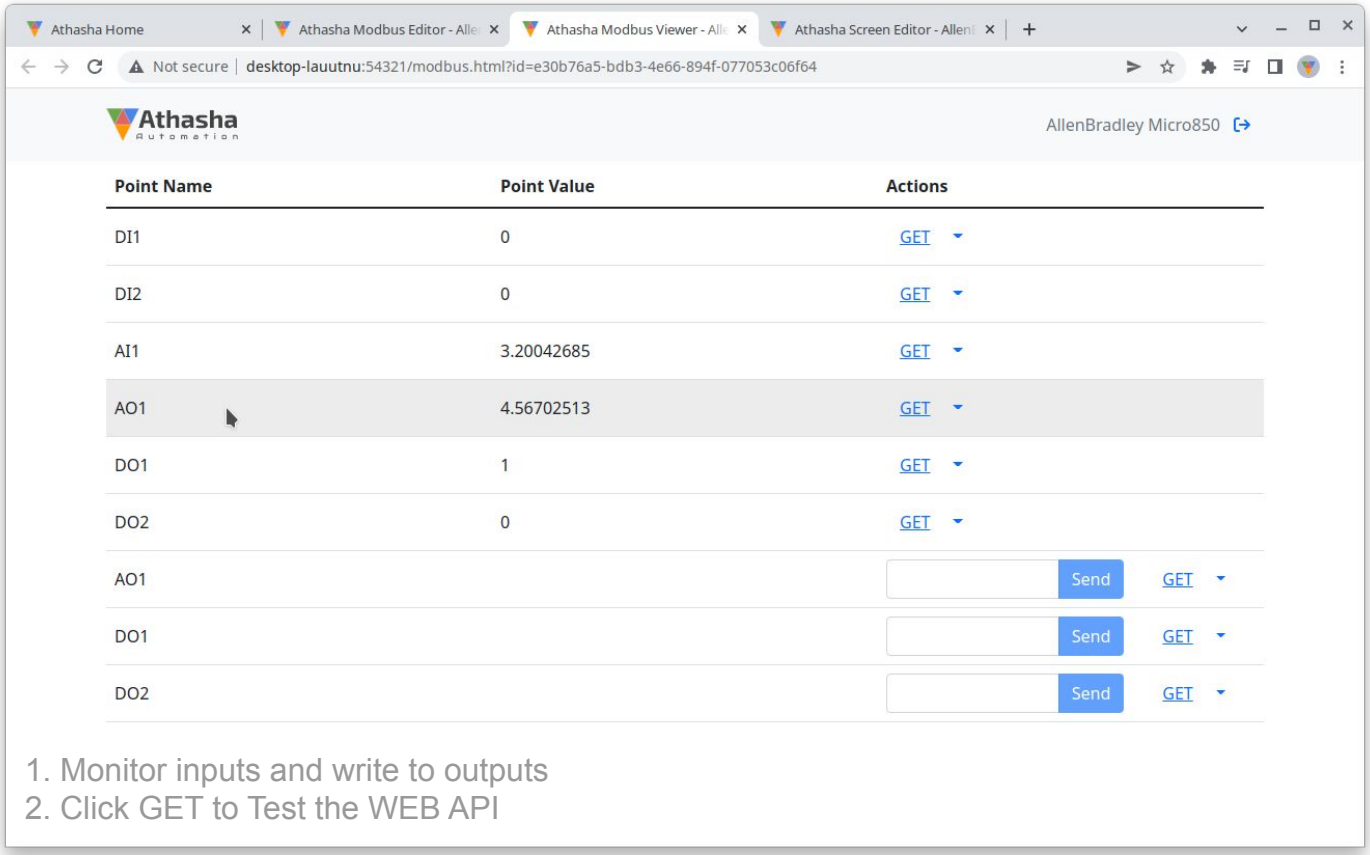
Athasha Inputs Configuration



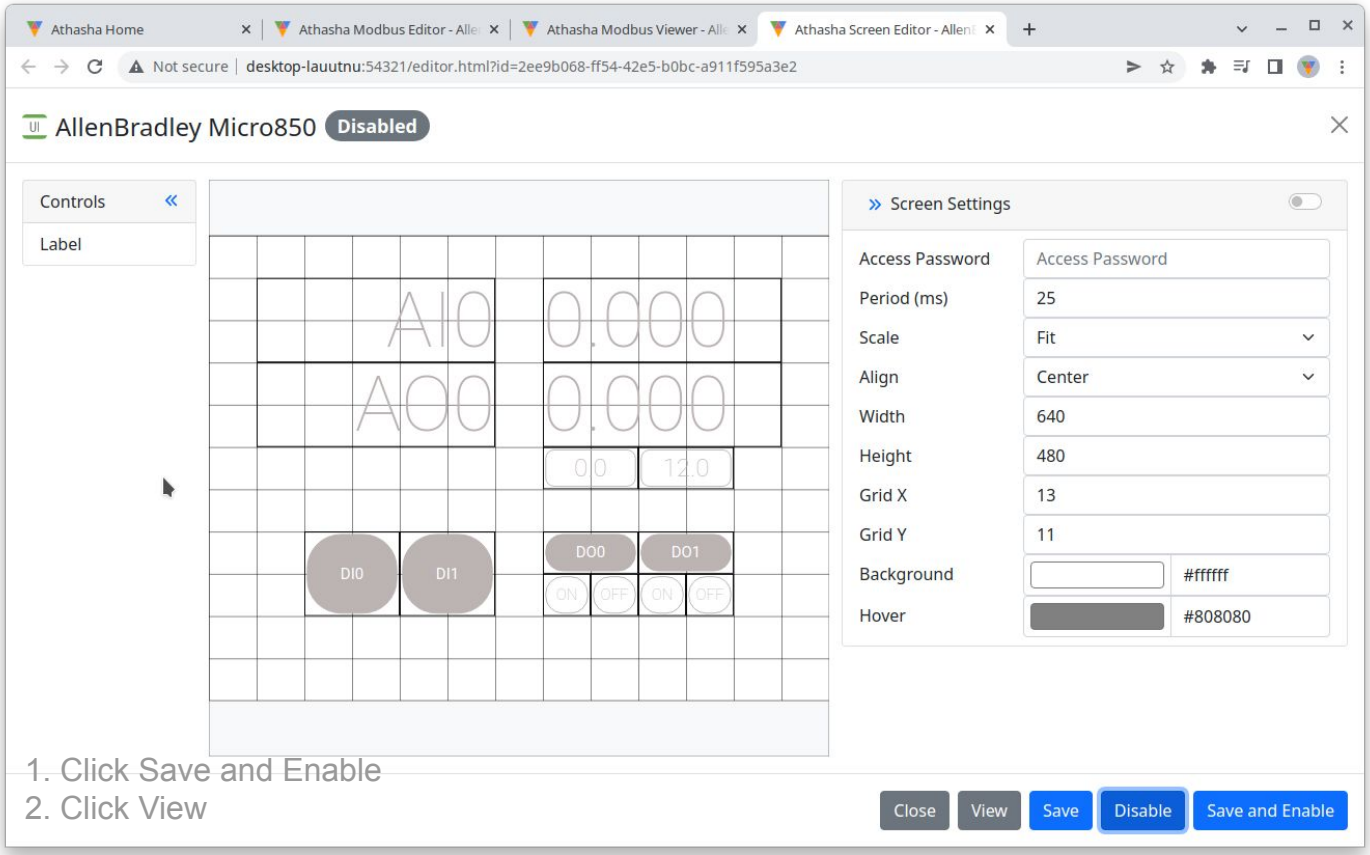
Athasha Outputs Configuration



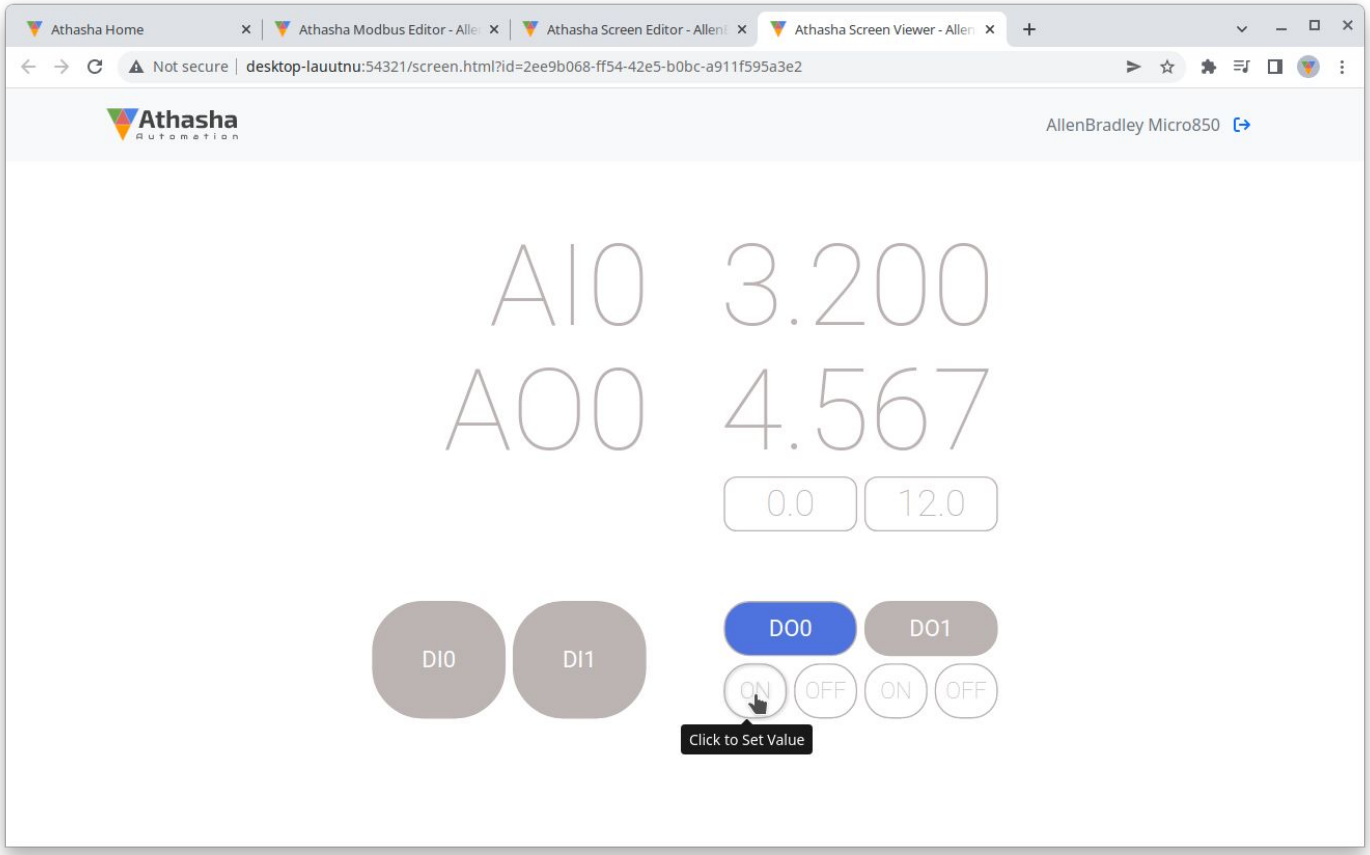
Athasha Default IO Viewer



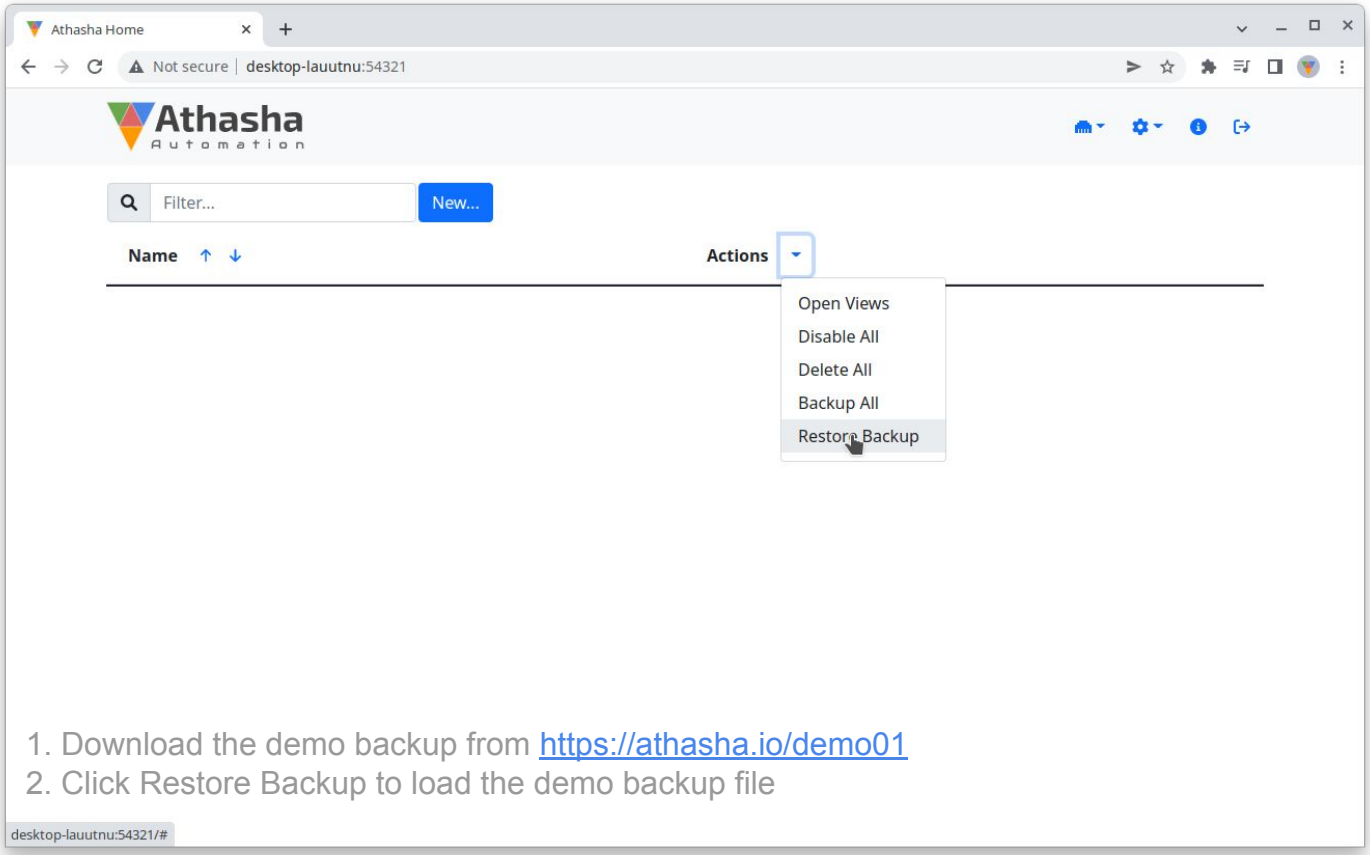
Athasha Screen Design



You are done. Congratulations!



A shorter path is to just restore from the demo backup...



1. Download the demo backup from https://athasha.io/demo01
2. Click Restore Backup to load the demo backup file