davicom

Alarm • Monitor • Control • Automate

AVAILABLE
JUNE/SEPTEMBER
2023

AXON & NEURON

Smart I/O Modules
for Smaller Sites & Applications

Mosaic

MNC software

SERIES CORTEX

Complete Site Management Solution
for SNMP, Modbus & GPIO

Why this New Product Line?

The Main Idea Was…

Offer Better Ways to Expand the Number of I/Os

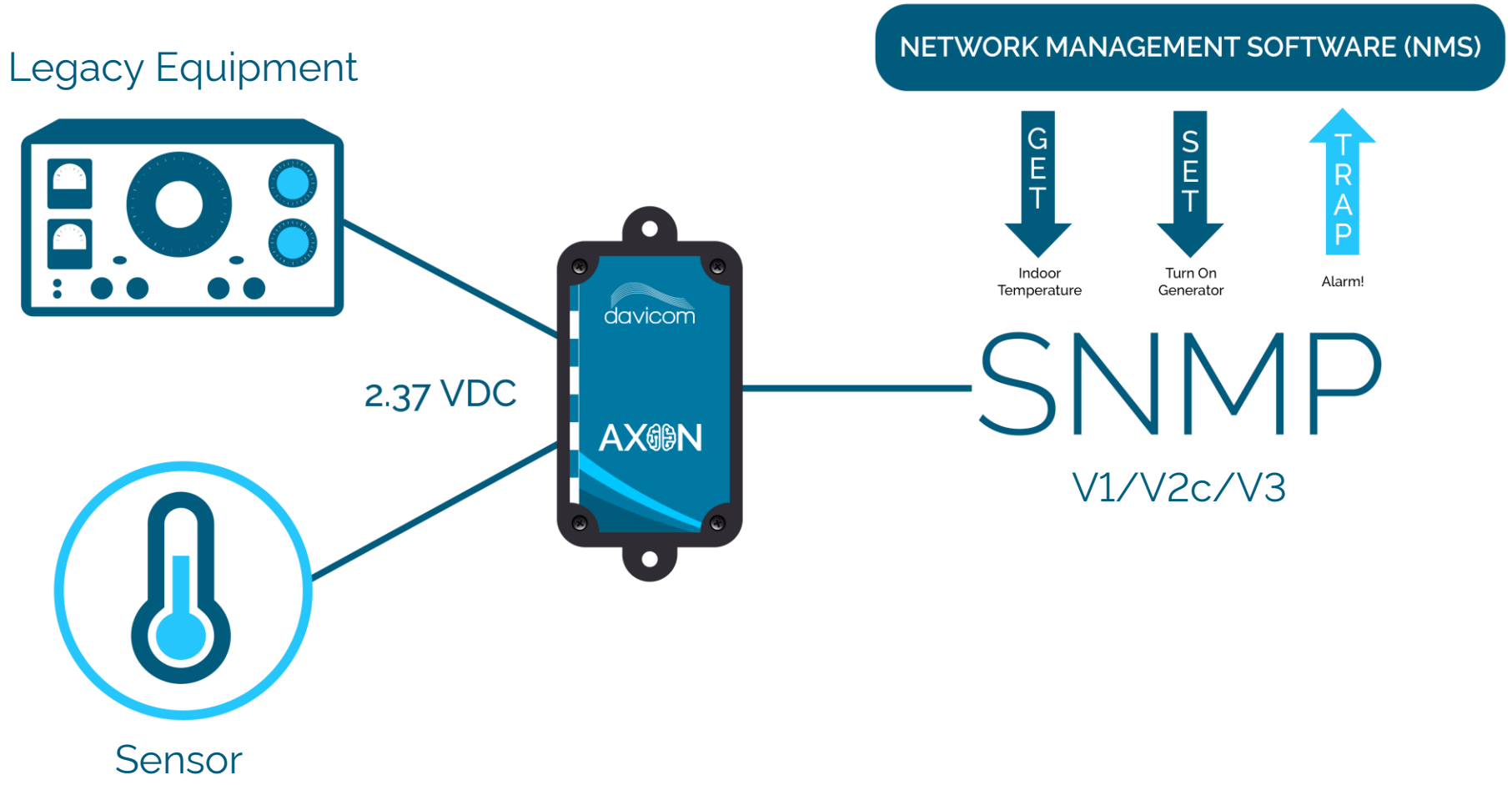
Use any AXON/NEURO to Expand a Cortex Unit

Modbus

Why not making them Compatible with any Remote Controls
&
Network Management Softwares (NMS)

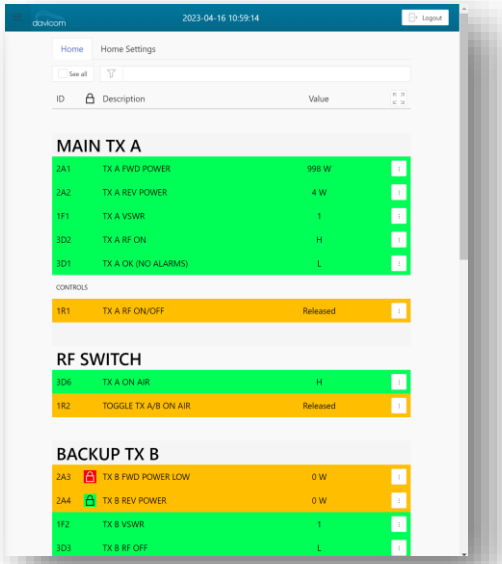
Built-In SNMP Agent

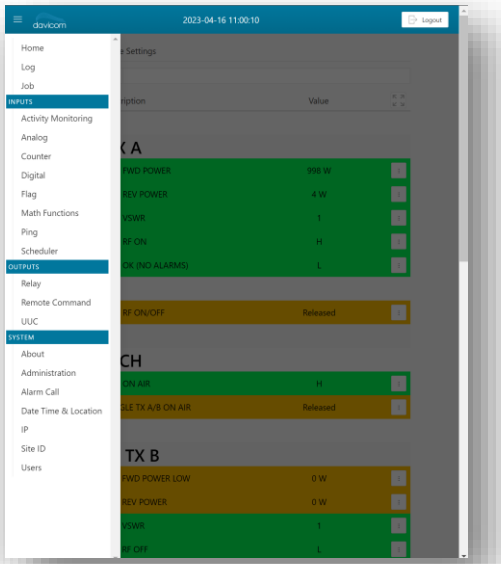
Convert any Readings into SNMP

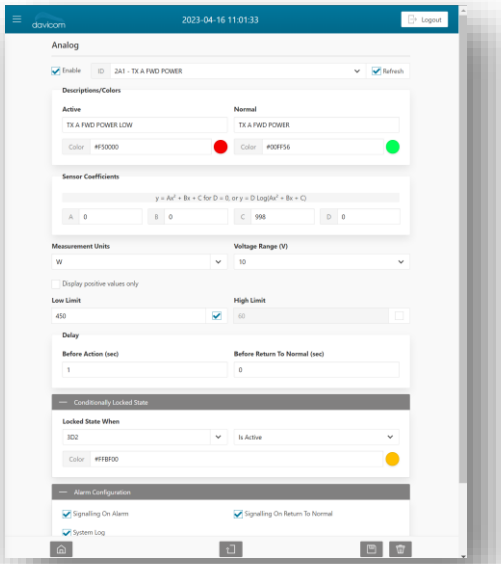


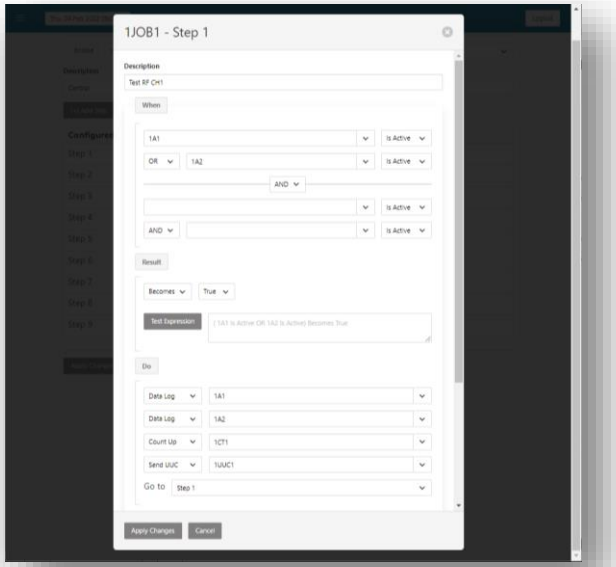
SNMP TRAPs? We need to Allow Configuration of Alarms

We need a Web Server GUI



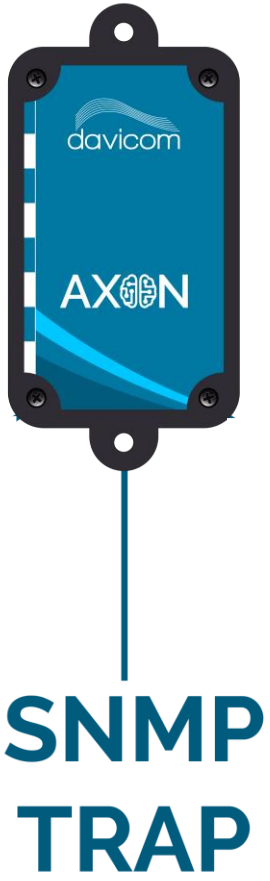






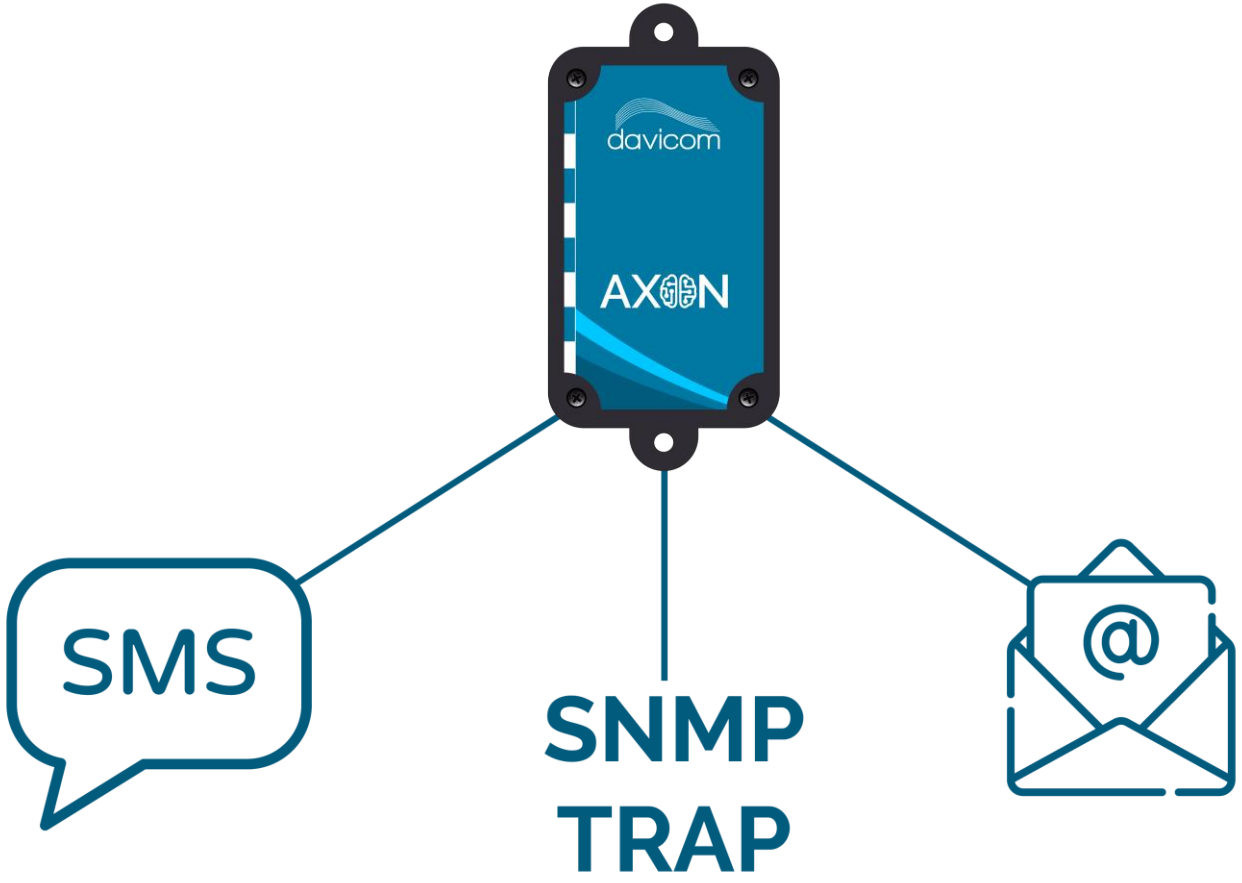
To Configure Alarms

SNMP TRAPs to an NMS System



To Configure Alarms

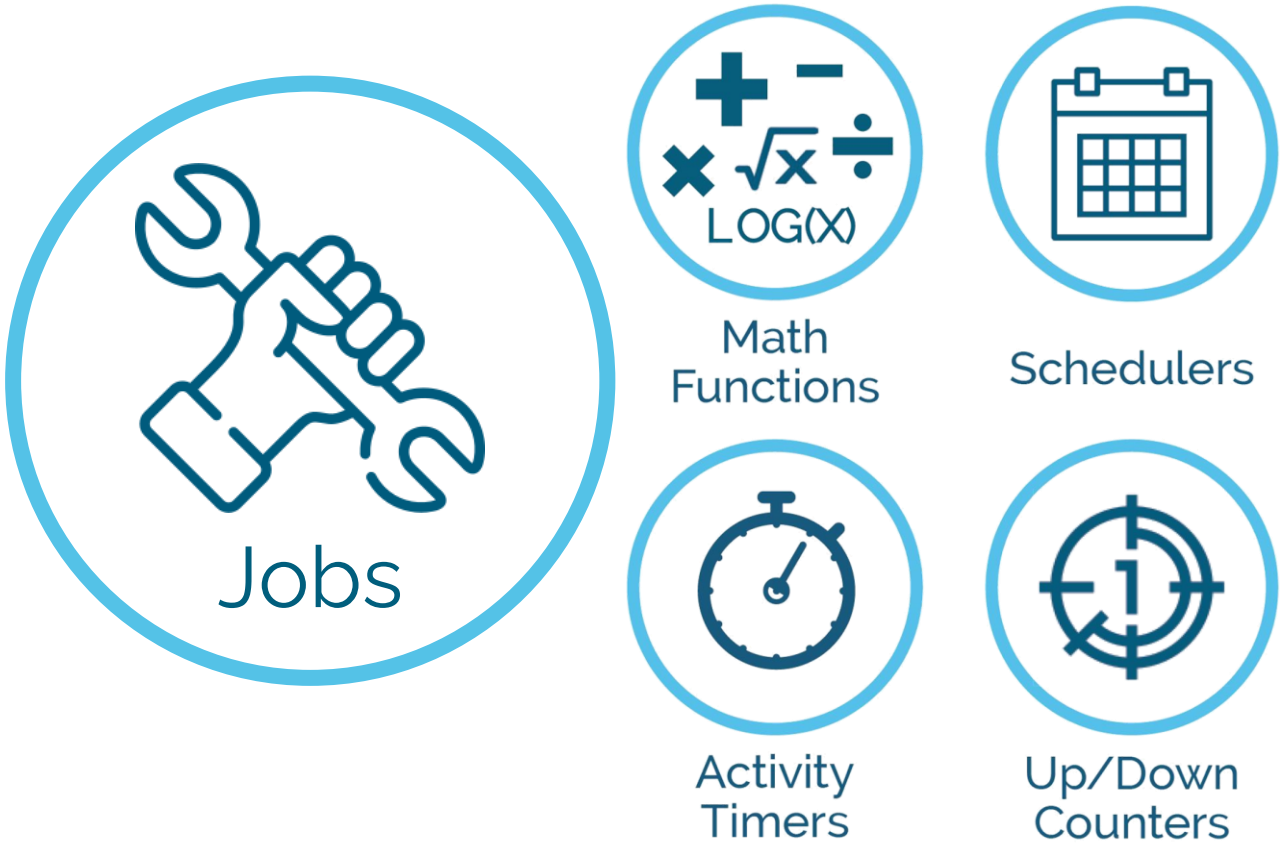
EMAIL, SMS or SNMP TRAPs to an NMS System



But we Still need to add the
Davicom Sauce to this Product line!

A Virtual Intelligence!

Use Virtual Functions to Build any Type of Automations



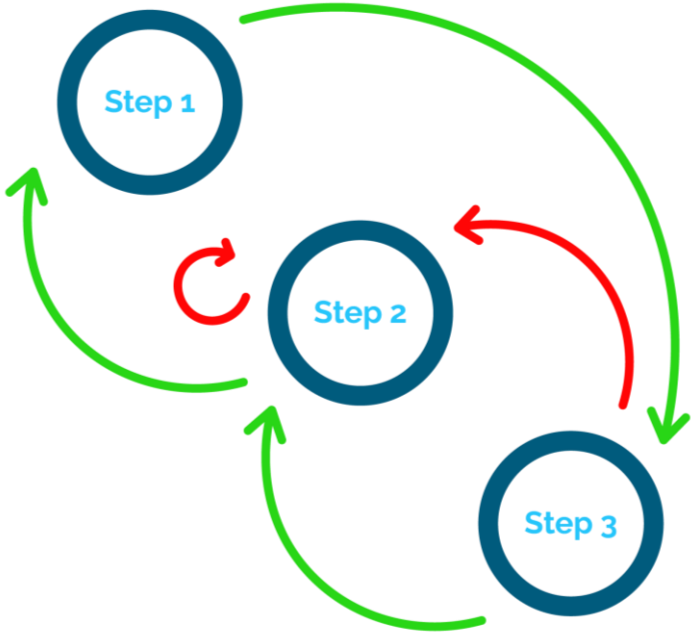
What is a Job?

Use Virtual Functions to Build any Type of Automations

WHEN THIS HAPPENS...

...DO THAT...

...THEN GO TO



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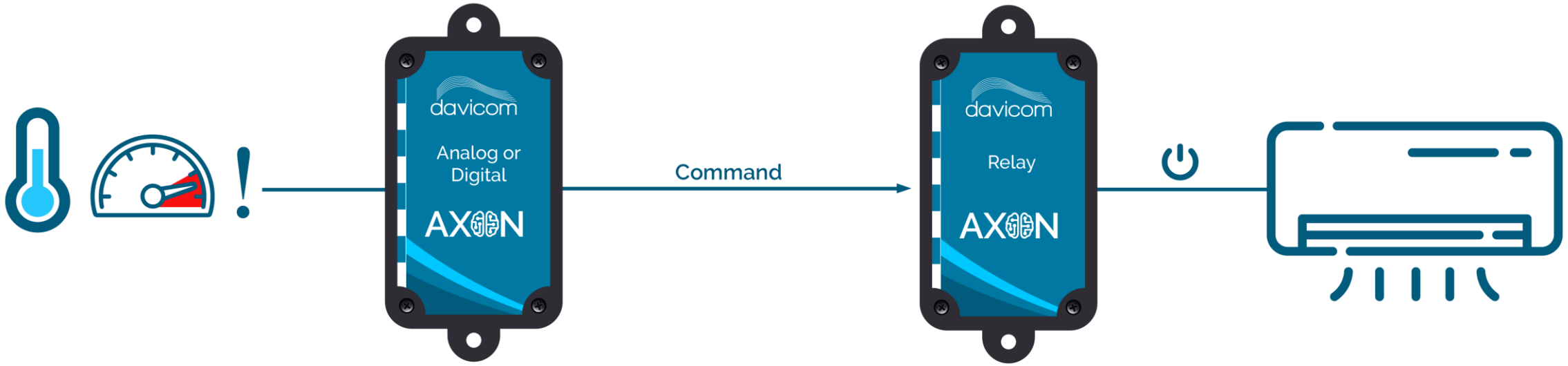
AXON

I/O Modules for Smaller Sites & Applications

What if we want an Input Module to Control a Relay in an AXON-5R?

Send Unit-to-Unit Commands

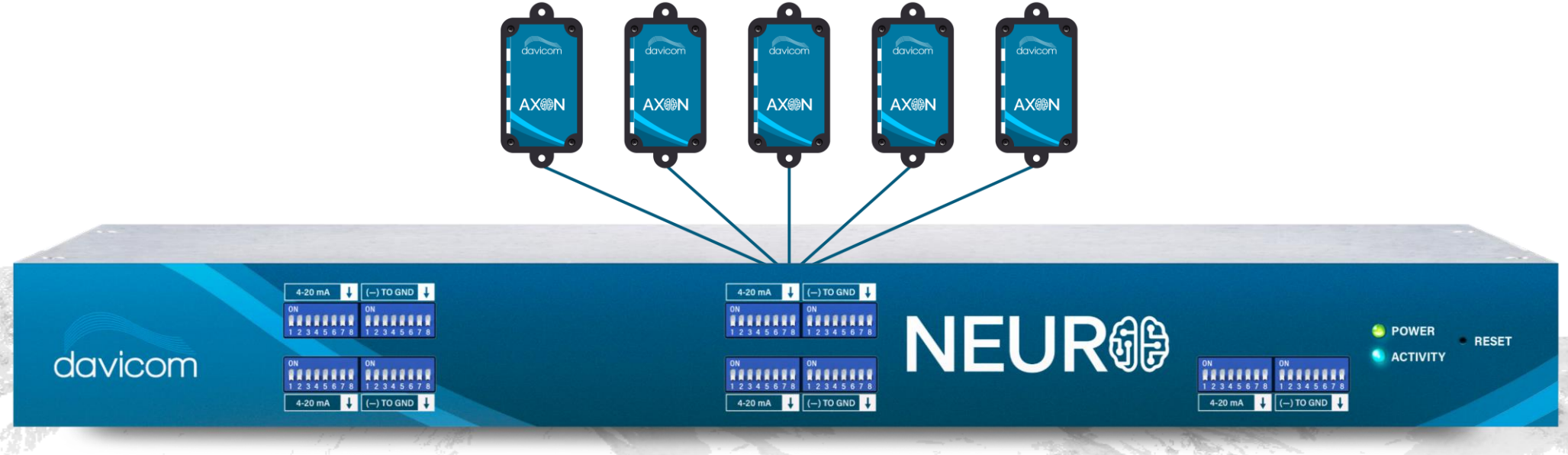
Between AXON, NEURO & CORTEX Units



What if we want more than 8 Inputs or 5 Outputs for a Location or an Application?

NEURON

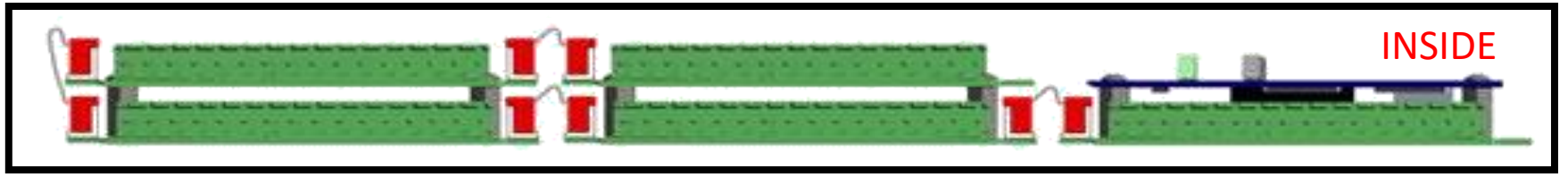
Combine up to 5 AXON I/O Modules to Create
An RTU that has up to 55 Configuration Possibilities

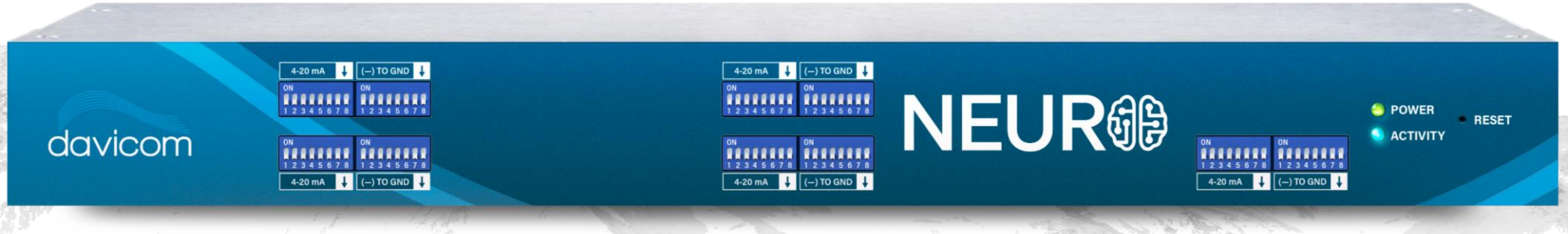


16A, 24D	16A, 16D, 5R	8A, 32D	8A, 16D, 10R

NEURON

Combine up to 5 AXON I/O Cards Together to Build
An RTU that fits your requirements

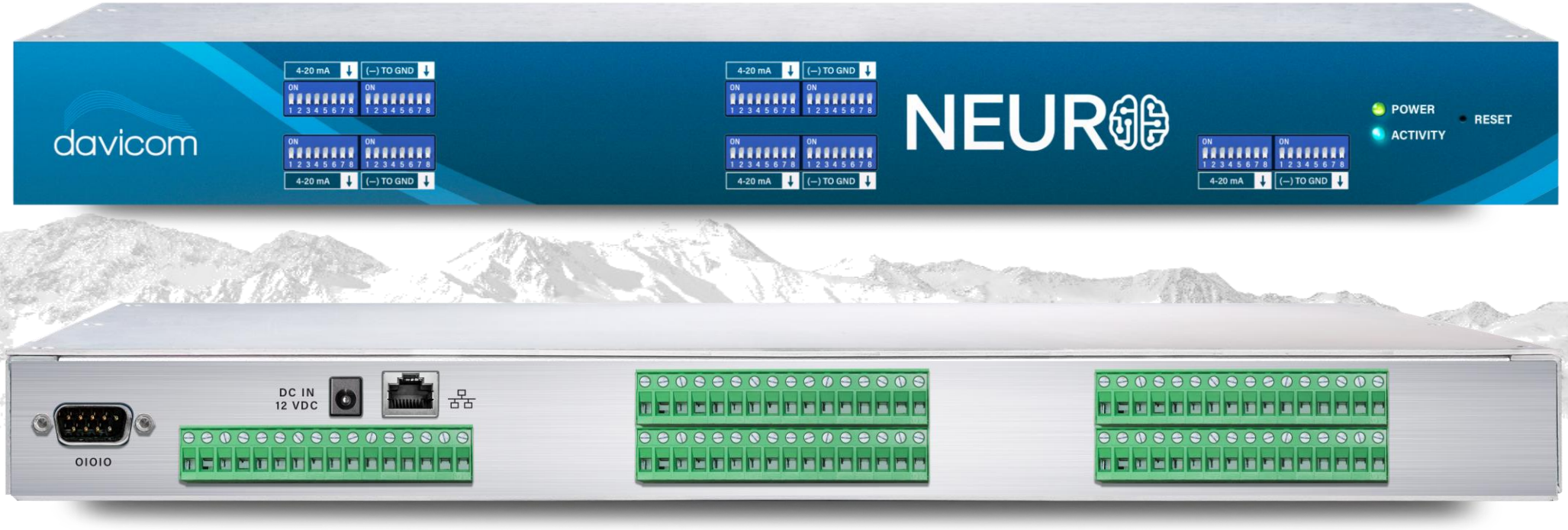




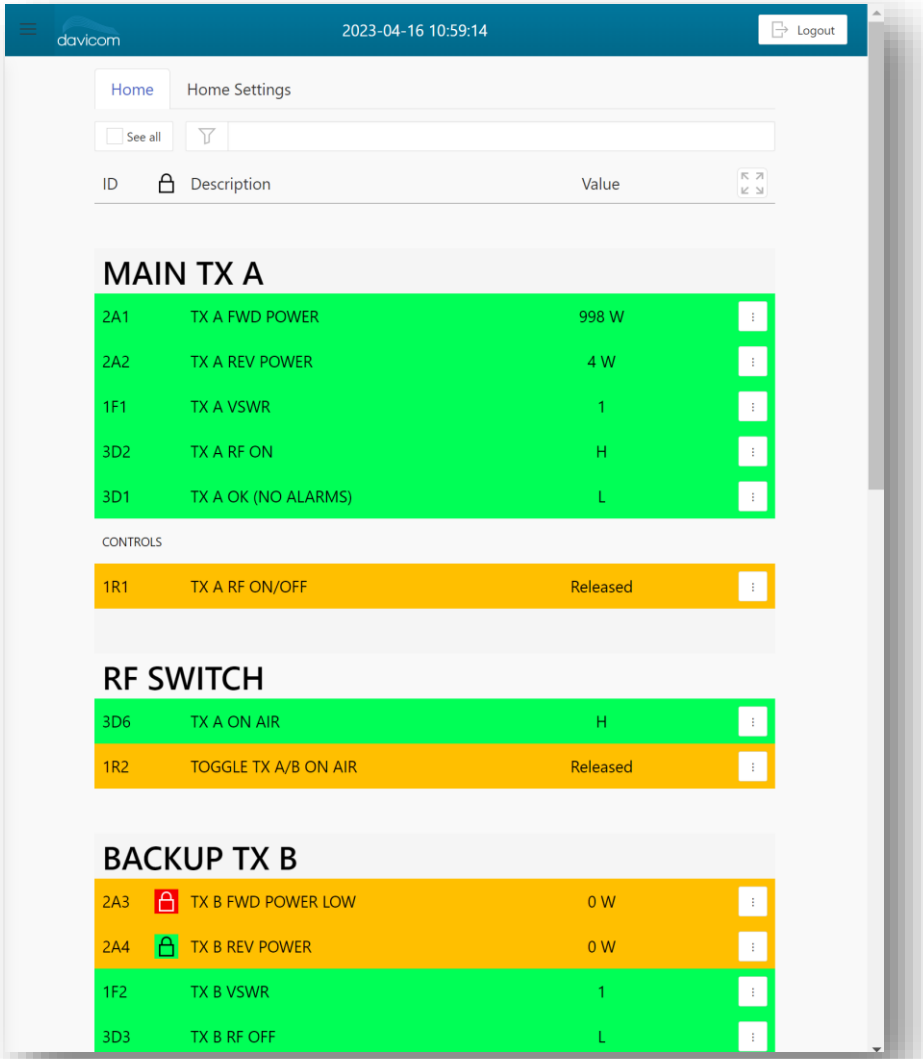
16A, 24D	16A, 16D, 5R	8A, 32D	8A, 16D, 10R

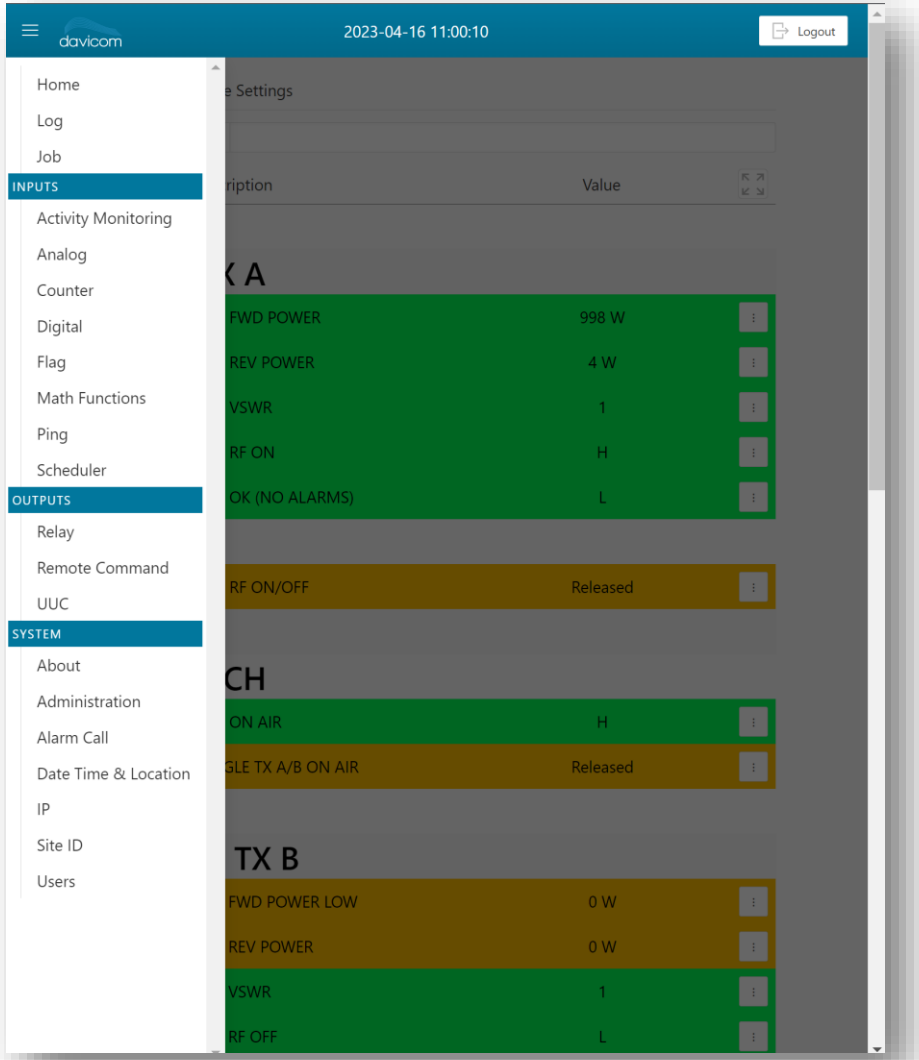
NEURO

I/O Telemetry Unit With up to
55 Configuration Possibilities

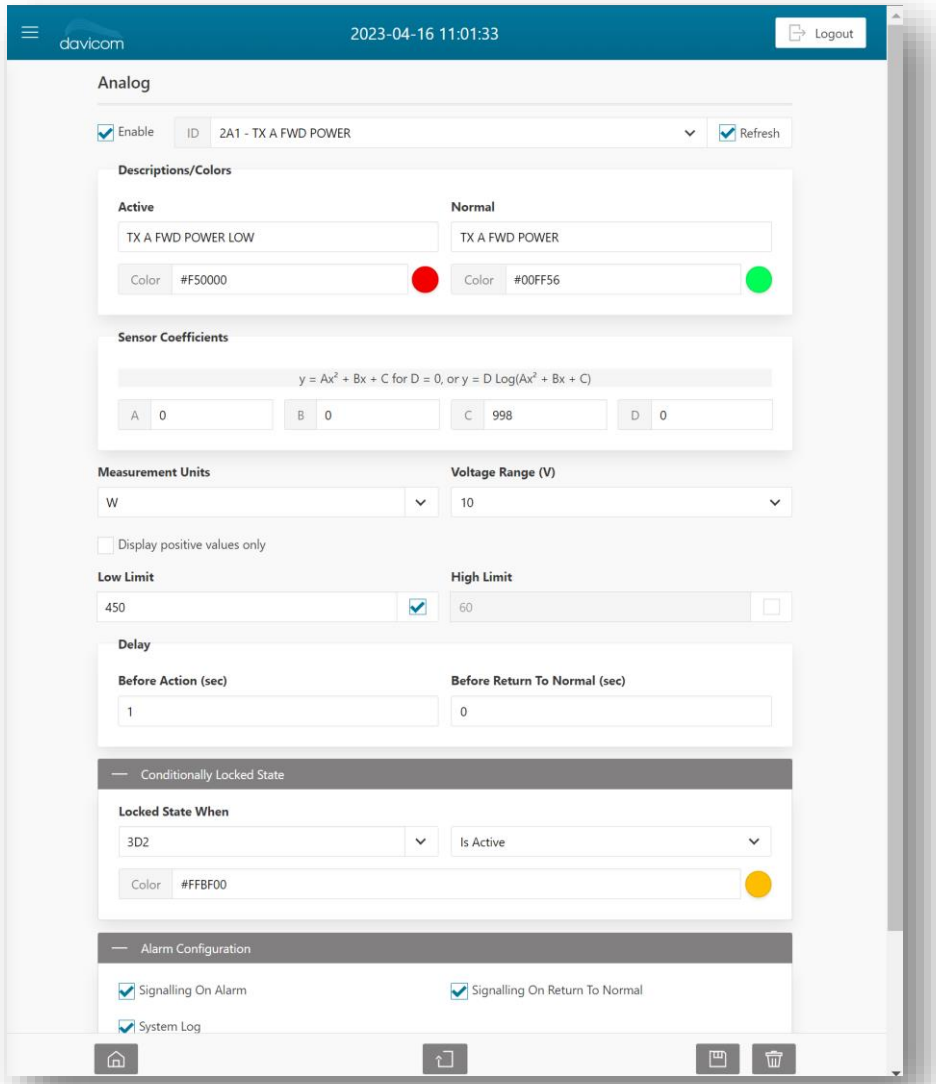


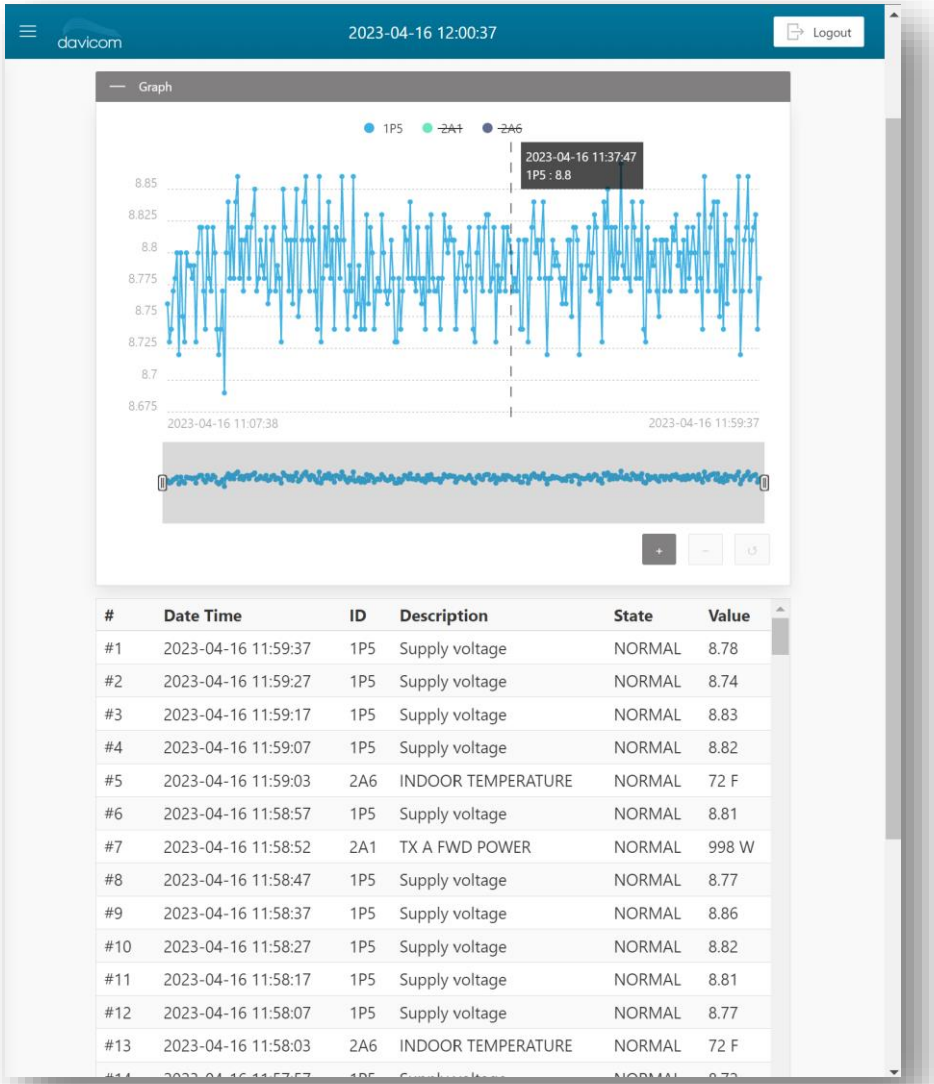
AXON & NEURON


davicom
2023-04-16 10:59:14
Logout
Home
Home Settings
See all
ID
Description
Value
MAIN TX A
2A1 TX A FWD POWER 998 W
2A2 TX A REV POWER 4 W
1F1 TX A VSWR 1
3D2 TX A RF ON H
3D1 TX A OK (NO ALARMS) L
CONTROLS
1R1 TX A RF ON/OFF Released
RF SWITCH
3D6 TX A ON AIR H
1R2 TOGGLE TX A/B ON AIR Released
BACKUP TX B
2A3 TX B FWD POWER LOW 0 W
2A4 TX B REV POWER 0 W
1F2 TX B VSWR 1
3D3 TX B RF OFF L


davicom
2023-04-16 11:00:10
Logout
Home
Log
Job
INPUTS
Activity Monitoring
Analog
Counter
Digital
Flag
Math Functions
Ping
Scheduler
OUTPUTS
Relay
Remote Command
UUC
SYSTEM
About
Administration
Alarm Call
Date Time & Location
IP
Site ID
Users

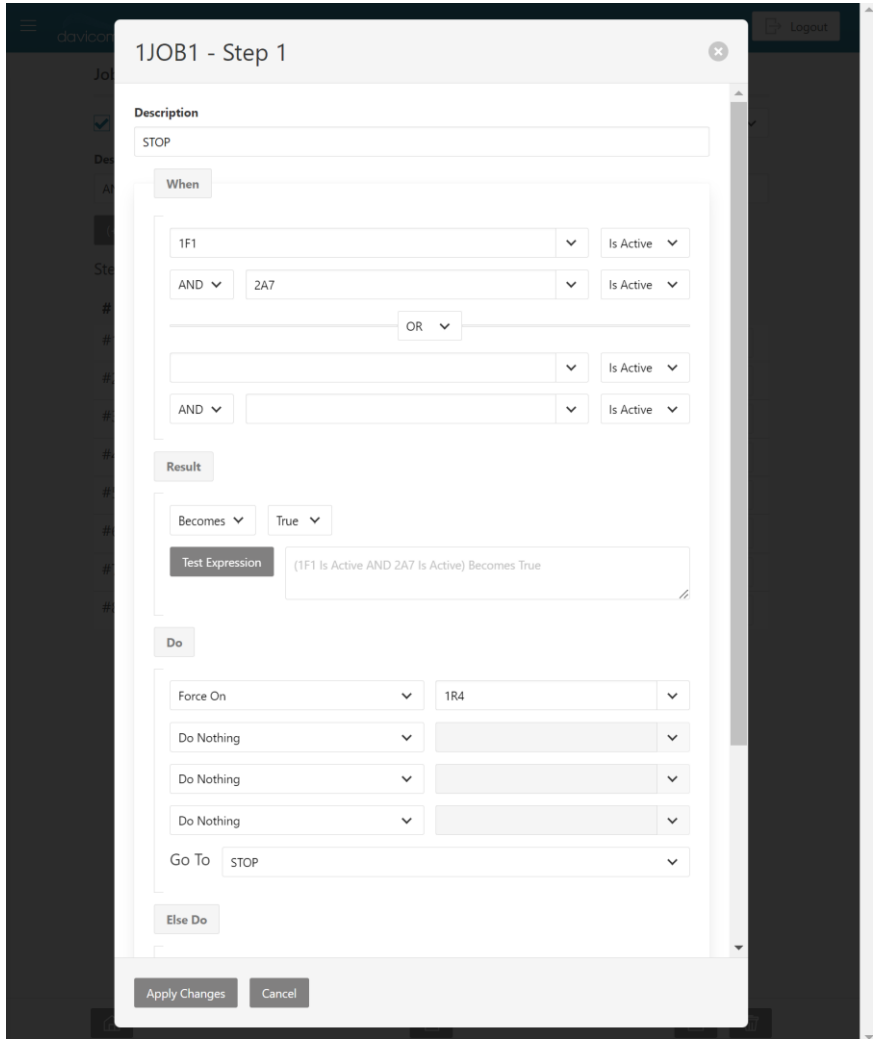
AXON & NEURON





#	Date Time	ID	Description	State	Value
#1	2023-04-16 11:59:37	1P5	Supply voltage	NORMAL	8.78
#2	2023-04-16 11:59:27	1P5	Supply voltage	NORMAL	8.74
#3	2023-04-16 11:59:17	1P5	Supply voltage	NORMAL	8.83
#4	2023-04-16 11:59:07	1P5	Supply voltage	NORMAL	8.82
#5	2023-04-16 11:59:03	2A6	INDOOR TEMPERATURE	NORMAL	72 F
#6	2023-04-16 11:58:57	1P5	Supply voltage	NORMAL	8.81
#7	2023-04-16 11:58:52	2A1	TX A FWD POWER	NORMAL	998 W
#8	2023-04-16 11:58:47	1P5	Supply voltage	NORMAL	8.77
#9	2023-04-16 11:58:37	1P5	Supply voltage	NORMAL	8.86
#10	2023-04-16 11:58:27	1P5	Supply voltage	NORMAL	8.82
#11	2023-04-16 11:58:17	1P5	Supply voltage	NORMAL	8.81
#12	2023-04-16 11:58:07	1P5	Supply voltage	NORMAL	8.77
#13	2023-04-16 11:58:03	2A6	INDOOR TEMPERATURE	NORMAL	72 F

AXON & NEURON


1JOB1 - Step 1
Description
STOP
When
1F1
Is Active
AND
2A7
Is Active
OR
Is Active
AND
Is Active
Result
Becomes
True
Test Expression
(1F1 Is Active AND 2A7 Is Active) Becomes True
Do
Force On
1R4
Do Nothing
Do Nothing
Do Nothing
Go To
STOP
Else Do
Apply Changes
Cancel

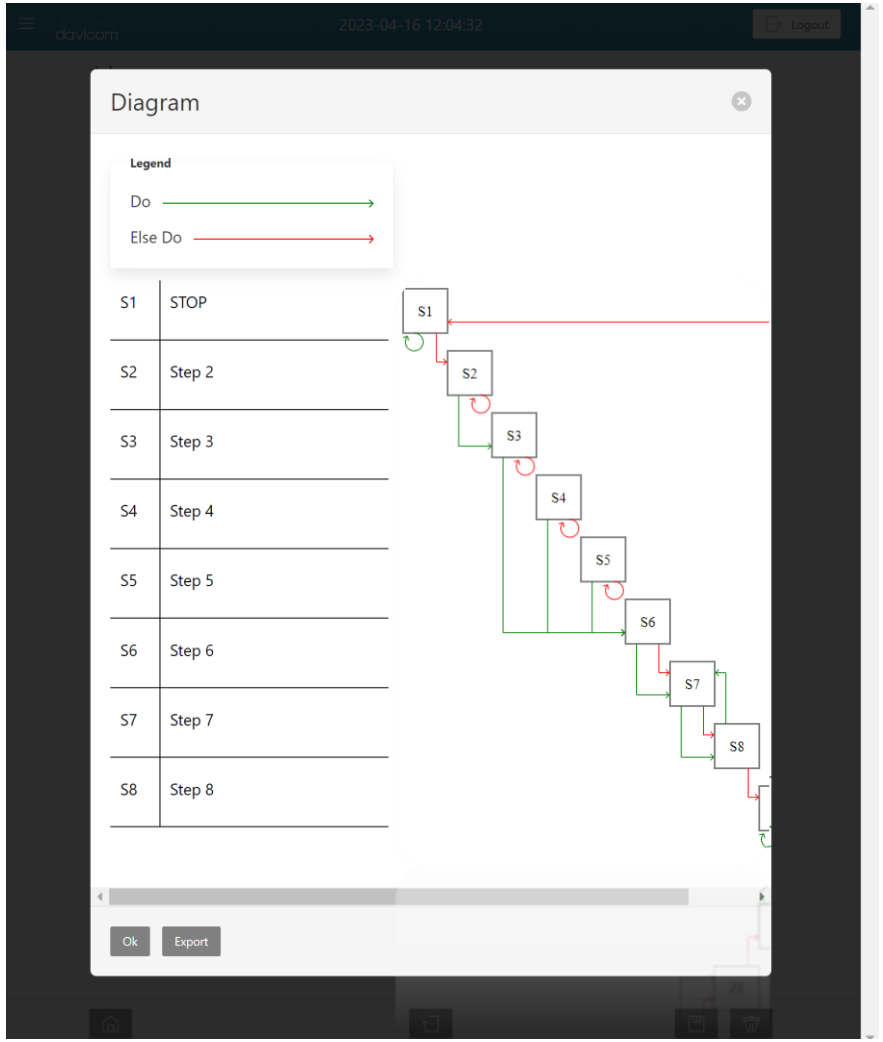


Diagram
Legend
Do
Else Do
S1 STOP
S2 Step 2
S3 Step 3
S4 Step 4
S5 Step 5
S6 Step 6
S7 Step 7
S8 Step 8
Ok
Export

In Short,

davicom

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AVAILABLE
JUNE/SEPTEMBER
2023

AXON & NEURON

Smart I/O Modules
for Smaller Sites & Applications

Mosaic

MNC software

SERIES CORTEX

Complete Site Management Solution
for SNMP, Modbus & GPIO

What Makes the Cortex Series Different?

- ✓ Full Modbus Master
- ✓ Full SNMP Manager
- ✓ Internet Pings
- ✓ Communication redundancy (IP, Modem (Voice/Calls), Serial)
- ✓ More Intelligent with More Virtual Functions
- ✓ More Powerful Workspace Customization
- ✓ User defined Workspaces
- ✓ One unit to connect & Visualize everything
- ✓ Can use AXONs & NEUROs as Expansion Modules
- ✓ Customizable Vocal Alarms
- ✓ Compatible with the Lightning Storm Detector

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AXON & NEURO

How Much Does it Cost!?

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AXON

I/O Modules for Smaller Sites & Applications

580$ – $670

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AXON

I/O Modules for
Smaller Sites & Applications

Unit Price
$580

Unit Price
$670

Unit Price
$625

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NEURO

Remote Telemetry Unit
With up to 55 Configuration Possibilities

NEURO
Base Unit
$720

+

NIO-8D
Digital I/O Card
$220

NIO-8A
Analog I/O Card
$315

NIO-5R
Relay I/O Card
$265

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NEURO

Remote Telemetry Unit
With up to 55 Configuration Possibilities

Unit Price	Unit Price	Unit Price	Unit Price
$2,010	$1,760	$1470	$2270
16A, 24D	16A, 16D	8A, 16D	40A

Thank You!

Louis-Charles Cuierrier

lcuierrier@davicom.com

418-928-5007

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