

Software Implementation

Devices that can be monitored via Modbus TCP can be programmed into your Environet Alert configuration via a device template file. For the Environet implementation team to build the device template file, a Modbus register list is required.

Obtain the Modbus Register List

A Modbus register is a definition and address of a point of data for Modbus. A Modbus register list should include:

1. Register Number/Point Address (i.e., 40001).
2. Point Name (i.e. "Input Voltage Line A to Neutral").
3. Point Unit of Measure (i.e. "Volts")
4. Point Data Type (i.e., "unsigned integer").
5. Point Scaler (i.e., "1/10").
6. Point Offset (i.e., "+1").

Register	Name	Units	Data Type	Scaler	Offset
40001	Voltage Line A to Neutral	Volts	unsigned integer	1/10	0
40002	Voltage Line B to Neutral	Volts	unsigned integer	1/10	0
40003	Voltage Line C to Neutral	Volts	unsigned integer	1/10	0
40004	Amperage Line A	Ampere	unsigned integer	1/100	0
40005	Amperage Line B	Ampere	unsigned integer	1/100	0
40006	Amperage Line C	Ampere	unsigned integer	1/100	0

The table shown here is also an example of what the Modbus register list should look like.

Send Files

Email the Modbus register list and detailed model information to the Environet Alert software implementation team or to Global.AlertTemplates@Vertiv.com.

Note: The model information should be specific to the exact model and any optional features.

- Good Example: "Veris H8036 Power Meter".
- Bad Example: "Veris Meter".

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