Event Email & Integration and Heartbeat Help

Integration HTTP/S URLs can have a number of options.
Here is an example demontrating some possibilities (actually a single line but separated here for readability):

    POST:https://1.2.3.4:443/Halo/%NAME%?evt=%EID%
    [HEADER]XSecure:id=%PSWD% ver=3
    [HEADER]XData:%IP% %MAC%
    [JSONBODY]{"val":%VAL%,"time":"%DATE% %TIME%"}

This example uses HTTP POST instead of the default GET, inserts Halo device name into URL and adds the event ID (name) that fired in a parameter.
A security header is added with a secret string stored in the password field. (If the username field is also used, they are both used for standard authentication methods instead.)
A data header is added with the Halo's IP address, and finally a JSON payload which also adds JSON headers.

Integration and Heartbeat URL options:

PUT:http...	Before URL, this uses PUT instead of GET
POST:http...	Before URL, this uses POST instead of GET
GET:http...	Before URL, this uses GET which is the default
[HEADER]Type:Text	After URL and parameters, these add 1 or more custom headers to the request
[JSONBODY]json_data	After URL, parameters and [HEADER]s, this adds JSON data & headers to the request
[TOKENEXPR]expiry_time:EXPR_SEC **[TOKENEXPR]expiry_key:EXPR_KEY**	After URL, parameters, [HEADER]s, and [JSONBODY] this adds the ability for a user to set either a token session expiry time or provide an session expiry key for Bearer Token requests
%PSWD%	Insert unencrypted password from password field if username field is not filled in. Using the username field causes basic, digest or etc automatic authentication

Email, Integration and Heartbeat messages can use most of these keywords.
They are replaced with the specified values (current examples below),
where AmpX stands for "Amplify Devices, excluding Panic Buttons":

%NAME%	Halo device name	Halo_Device
%IP%	Halo Ethernet IP address	192.168.0.35
%DATE%	Current local date	11/23/2025
%TIME%	Current local time	5:41:08 PM
%MAC%	Halo MAC address	B0B353D1E1F6
%ADDR%	Halo Address	
%WING%	Halo Building Wing	
%FLOOR%	Halo Building Floor	
%ROOM%	Halo Building Room	
%PRSCNT%	Halo Student Count	
%LON%	Halo Longitude	
%LAT%	Halo Latitude	
%DESC%	Halo Description	
%FWVER%	Firmware version running on Halo	2.15.0.13.477-3
%SOURCE%	*Events only (including AmpX Events)* --- Primary sensor source for event	
%OPERATOR%	*Events only (including AmpX Events)* --- Operator of event	
%SIM%	*Events only (including AmpX Events)* --- The word SIMULATED if this is a test event	
%EID%	*Events only (including AmpX Events)* --- Event ID (name)	
%UID%	*Events only (including AmpX Events)* --- Event UID	%UID%
%THR%	*Events only (including AmpX Events)* --- Threshold of event	
%VAL%	*Events only (including AmpX Events)* --- Current primary event value	
%BUTTON%	*Events only* --- Name of Panic Button when event starts	
%RSSI%	*Events only (including AmpX Events)* --- RSSI of Amplify Device (including Panic Button) when event starts	
%SIGSTRENG%	*Events only (including AmpX Events)* --- Signal Strength of Amplify Device (including Panic Button) when event starts	
%EVENTS%	Comma separated list of all events (including AmpX Events) like EventName=CurrentValue or EventName=CurrentValue! if currently set	Health_Index=2,AQI=-1,PM1=1,PM2.5=1,PM10=1,TVOC=6,CO2cal=926,Humidity=48,Humidity_Low=48,Temp_C=19,Temp_C_Low=19,NO2=13
%EVENTVALS%	Comma separated list of all events (including AmpX Events) like EventName=CurrentValue (no ! added)	Health_Index=2,AQI=-1,PM1=1,PM2.5=1,PM10=1,TVOC=6,CO2cal=926,Humidity=48.5,Humidity_Low=48.5,Temp_C=19.4,Temp_C_Low=19.4,N
%ACTIVE%	Comma separated list of all events (including AmpX	Light

	Events) that are currently triggered (set)	
%ALLSENSORS%	Comma separated list of all available sensor (including AmpX sensors) name=value pairs	C=19.4,F=67,RH=48.5,Lux=468.17,TVOC=6,CO2cal=926,PM1=1,PM2.5=1,PM10=1,NH3=0,NO2=13.7,CO=0.06,AccX=35,AccY=-82,AccZ=949,M hPa=1004.2,AQI=-1,NO2AQI=-1,COAQI=-1,PM10AQI=-1,PM25AQI=-1,INP=0,CO2eq=400,panic=0,Motion=10,Noise=48.6,HGMic=48.6,LGMic=!
%ALLSENSORS@%	Space separated list of all available sensor (including AmpX sensors) name=@value@ pairs	C=@19.4@ F=@67@ RH=@48.5@ Lux=@468.17@ TVOC=@6@ CO2cal=@926@ PM1=@1@ PM2.5=@1@ PM10=@1@ NH3=@0@ NO2=@13. PM10AQI=@-1@ PM25AQI=@-1@ INP=@0@ CO2eq=@400@ panic=@0@ Motion=@10@ Noise=@48.6@ HGMic=@48.6@ LGMic=@50.5@ Au HIno2=@1@
%ALLSENSORSNL%	New-line separated list of all available sensor (including AmpX sensors) name=value pairs	C=19.4 F=67 RH=48.5 Lux=468.17 TVOC=6 CO2cal=926 PM1=1 PM2.5=1 PM10=1 NH3=0 NO2=13.7 CO=0.06 AccX=35 AccY=-82 AccZ=949 Move=0 P-Hg=29.65 P-hPa=1004.2 AQI=-1 NO2AQI=-1 COAQI=-1 PM10AQI=-1 PM25AQI=-1 INP=0 CO2eq=400 panic=0 Motion=10 Noise=48.6 HGMic=48.6 LGMic=50.5 Aud1=33.7 Gun=0 KW1=0 KW2=0 KW3=0 HI=2 HIco2=2 HIhum=1 HIpm1=1 HIpm2.5=1 HIpm10=1 HItvoc=1 HIno2=1
%SENSOR:C%	Temperature (C) sensor value	19.4
%SENSOR:F%	Temperature (F) sensor value	67
%SENSOR:RH%	Relative Humidity sensor value	48.5
%SENSOR:Lux%	Light Lux sensor value	468.17
%SENSOR:TVOC%	TVOC ppb sensor value	6
%SENSOR:CO2cal%	CO_2cal ppm sensor value	926
%SENSOR:PM1%	PM1 (1 µm particulates) µg/m³ sensor value	1
%SENSOR:PM2.5%	PM2.5 (2.5 µm particulates) µg/m³ sensor value	1
%SENSOR:PM10%	PM10 (10 µm particulates) µg/m³ sensor value	1
%SENSOR:NH3%	Ammonia ppm sensor value	0
%SENSOR:NO2%	NO2 ppb sensor value	13.7
%SENSOR:CO%	Carbon Monoxide ppm sensor value	0.06
%SENSOR:AccX%	X orientation (milli g) sensor value	35
%SENSOR:AccY%	Y orientation (milli g) sensor value	-82
%SENSOR:AccZ%	Z orientation (milli g) sensor value	949
%SENSOR:Move%	Move (mm/100) sensor value	0
%SENSOR:P-Hg%	Pressure (inHg) sensor value	29.65
%SENSOR:P-hPa%	Pressure (hPa) sensor value	1004.2
%SENSOR:AQI%	AQI sensor value	-1
%SENSOR:AQIsrc%	AQI Source sensor value	-1
%SENSOR:NO2AQI%	NO2 AQI sensor value	-1
%SENSOR:COAQI%	CO AQI sensor value	-1
%SENSOR:PM10AQI%	PM10 AQI sensor value	-1
%SENSOR:PM25AQI%	PM25 AQI sensor value	-1
%SENSOR:INP%	External Input sensor value	0
%SENSOR:CO2eq%	CO_2eq ppm sensor value	400

%SENSOR:panic%	Panic Button sensor value	0
%SENSOR:Motion%	Motion sensor value	10
%SENSOR:Noise%	Noise Level (db) sensor value	48.6
%SENSOR:HGMic%	High Gain Mic (db) sensor value	48.6
%SENSOR:LGMic%	Low Gain Mic (db) sensor value	50.5
%SENSOR:Aud1%	Aggression sensor value	33.7
%SENSOR:Aud2%	Audio 2 sensor value	81.8
%SENSOR:Aud3%	Audio 3 sensor value	81.8
%SENSOR:Aud4%	Audio 4 sensor value	81.8
%SENSOR:Gun%	Gunshot sensor value	0
%SENSOR:KW1%	Keyword 1 sensor value	0
%SENSOR:KW2%	Keyword 2 sensor value	0
%SENSOR:KW3%	Keyword 3 sensor value	0
%SENSOR:KW4%	Keyword 4 sensor value	0
%SENSOR:KW5%	Keyword 5 sensor value	0
%SENSOR:KW6%	Keyword 6 sensor value	0
%SENSOR:KW7%	Keyword 7 sensor value	0
%SENSOR:KW8%	Keyword 8 sensor value	0
%SENSOR:VCO2eq%	VCO_2eq ppm sensor value	412
%SENSOR:VTVOC%	VTVOC ppm sensor value	8
%SENSOR:HI%	Health Index sensor value	2
%SENSOR:HIsrc%	Health Index Source sensor value	1
%SENSOR:HIco2%	CO2 Health Index sensor value	2
%SENSOR:HIhum%	Humidity Health Index sensor value	1
%SENSOR:HIpm1%	PM1 Health Index sensor value	1
%SENSOR:HIpm2.5%	PM2.5 Health Index sensor value	1
%SENSOR:HIpm10%	PM10 Health Index sensor value	1
%SENSOR:HItvoc%	TVOC Health Index sensor value	1
%SENSOR:HIno2%	NO2 Health Index sensor value	1

Email, Integration and Heartbeat messages can also use most of these keywords for AmpX devices.
They are replaced with the specified values (current examples below),
where AmpX stands for "Amplify Devices, excluding Panic Buttons":

%AMPX:ALL%	Comma separated list of all AmpX like MAC=name	%AMPX:ALL%
%AMPX:DISCONNECTED%	Comma separated list of all disconnected AmpX like MAC=name	%AMPX:DISCONNECTED%
%AMPX:ACTIVE%	Comma separated list of all AmpX Events that are currently triggered (set)	%AMPX:ACTIVE%

Email, Integration and Heartbeat messages can also use most of these keywords for AmpX sensors.
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Email, Integration and Heartbeat messages can also use most of these keywords sepecific to each AmpX devices.
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