



**Zonex  
GenX and RM  
FS-8705-120**

Chipkin - Enabling Integration

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## 1 Zonex Description

The Zonex Driver allows the FieldServer to poll and set data from Zonex devices over Ethernet using the HTTP protocol. The Zonex Driver uses HTTP request.

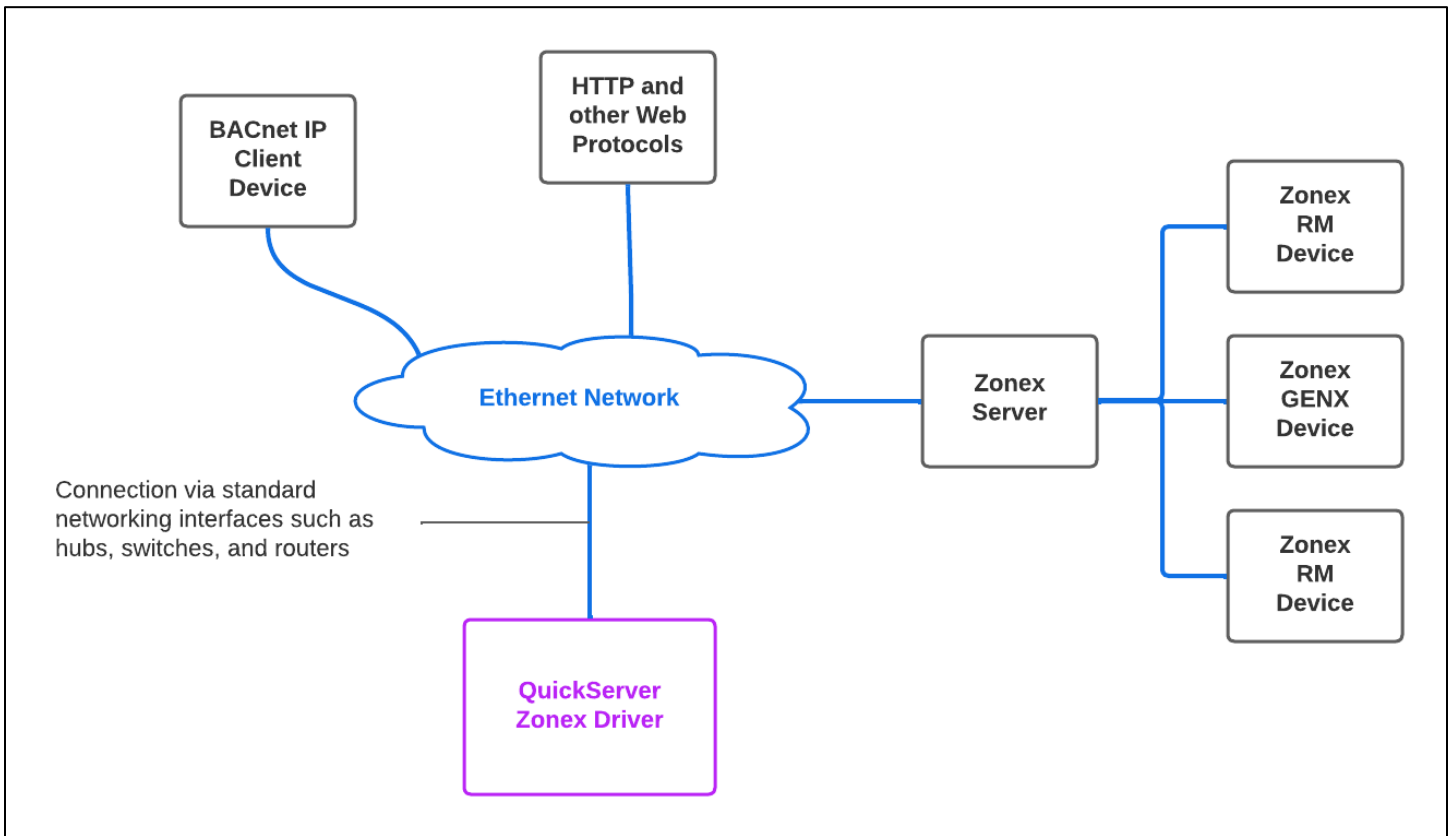
The driver was developed to communicate with Zonex web-server enabled devices, specifically GenX and RM devices.

The FieldServer acts as an HTTP Client. When configured the FieldServer polls for data from Zonex GenX and RM devices. This data is stored on the FieldServer to be mapped to BACnet IP or simply to be viewed. The Zonex driver will also periodically attempt to write any changes that were made to writable BACnet IP objects.

The information that follows describes how to expand upon the factory defaults provided in the configuration files included with the FieldServer.

## 2 Connection Diagram

This block diagram lists describes how the FieldServer connects to Zonex devices and makes the data available over BACnet IP

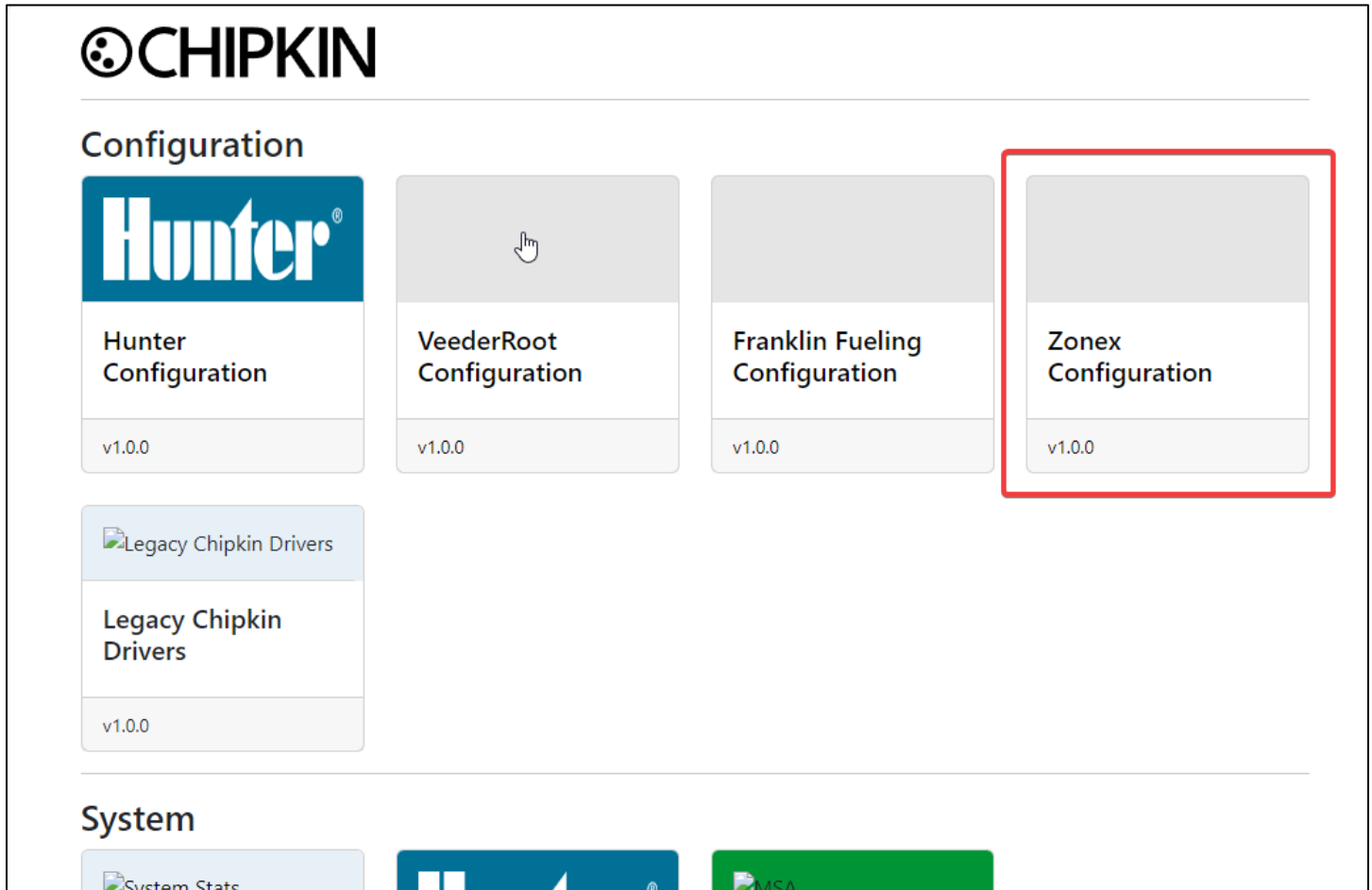


### 3 Zonex Configuration

To configure the Zonex driver, from the home page, either visit the following link:

[http://{IP\\_ADDRESS}/chipkinCore/ui/#/driver/zonex](http://{IP_ADDRESS}/chipkinCore/ui/#/driver/zonex)

Or click on the Zonex Configuration Card from the main menu at [http://{IP\\_ADDRESS}/chipkinCore/ui/](http://{IP_ADDRESS}/chipkinCore/ui/)



To configure the FieldServer, follow the instructions below to auto-generate the Zonex polling and write tasks as well as the BACnet IP Server configuration

#### 3.1 Meta-Configurer

On the Zonex Configuration page, use the form to fill out the details required to connect to the Zonex web server as the general BACnet information to assign to the FieldServer.



## Zonex Configuration

### Zonex Parameters

Url   
 Read Interval   
 Write Interval

### BACnetIP Configuration

Adapter   
 Port   
 Node ID   
 COV Enable

Save Configuration

### 3.1.1 Zonex Parameters

Name	Function	Legal Values
Url	The url of the Zonex web server	Text, must be a valid Url (include the http://)
Read Interval	How often to poll the Zonex web server for data (in seconds)	1-3600, <b>30</b>
Write Interval	How often to write values to the Zonex web server when data has changed via BACnet (in seconds)	1-3600, <b>5</b>

\* Bolded values are defaults

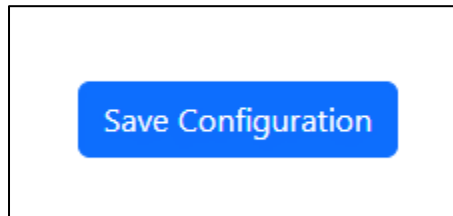
### 3.1.2 BACnet IP Configuration

Name	Function	Legal Values
Adapter	The FieldServer network adapter to use for BACnet IP Communication	<b>N1</b> (or N2 if using a 2 port FieldServer)
Port	The UDP port to use for BACnet IP	Any legal IP port value (1 - 65535); <b>47808</b>
Node ID	The BACnet Device Identifier to assign to this FieldServer acting as a BACnet Server device	0-4194302; <b>389001</b>
COV Enable	Enables or disables COV (Change of Value) for this BACnet device	Checked = enabled, <b>Unchecked = disabled</b>

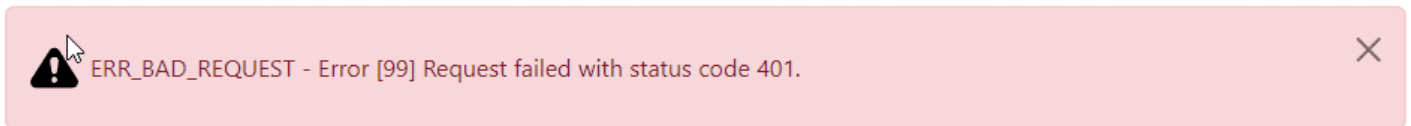
\* Bolded values are defaults

### 3.2 Saving the Server Configuration

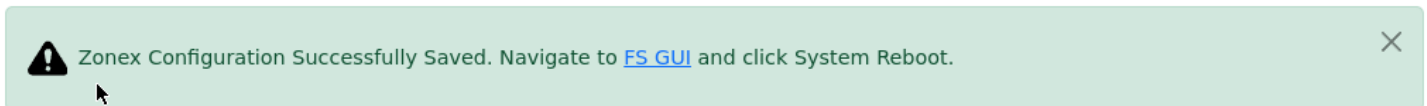
When the configuration is complete, click on the “Save Configuration” button to save. The FieldServer will query the Zonex web server and build both the Zonex Configuration as well as the BACnetIP Server Configuration based on the findings.



If an error occurs, an error message will appear at the top of the web page in a red banner. For example:



If the configuration was generated successfully, a success message will appear at the top of the web page in a green banner, prompting the user to return to the MSA Diagnostic (<http://{IPAddress}/htm/fsgui.htm>) page to perform a System Reboot for the changes to take effect.



Click on the link to return to the FS GUI page and click the System Reboot:

The screenshot shows the MSA FieldServer Manager interface. On the left is a navigation menu with 'Zonex - BACnetIP' selected. The main content area displays the 'Zonex - BACnetIP' status page with tabs for 'Status', 'Settings', and 'Info Stats'. The 'Status' tab is active, showing a table of system parameters. Below the table are several action buttons: 'System Restart', 'System Reboot' (highlighted with a red box), 'System Time Synch', 'Reset Cycle Times', and 'Logout'. The 'dserve' logo is visible in the bottom right corner.

**MSA** FieldServer Manager

**Navigation**

- ✓ Zonex - BACnetIP
  - About
  - › Setup
  - › View
  - User Messages
  - Diagnostics

Home HELP (?)

**Zonex - BACnetIP**

Status Settings Info Stats

**Status**

Name	Value
Driver_Configuration	DCC000
DCC_Version	V6.05p (A)
Kernel_Version	V6.51c (D)
Release_Status	Normal
Build_Revision	6.5.6
Build_Date	2023-05-02 09:09:26 -0400
BIOS_Version	4.1.2
FieldServer_Model	FS-QS-2010-F
Serial_Number	2107000169VZL

System Restart **System Reboot** System Time Synch Reset Cycle Times Logout dserve

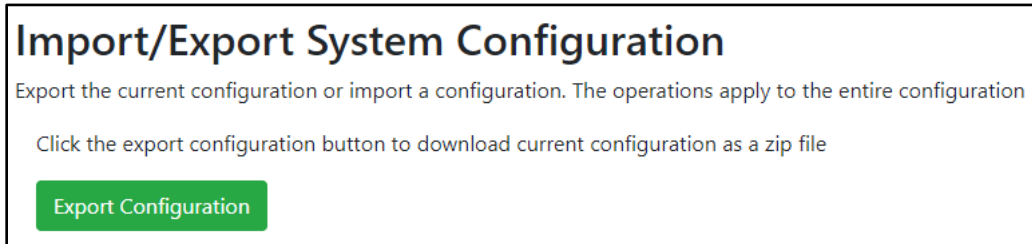


## 4 Importing and Exporting Configurations

It is possible to export the current configuration to back it up or simply to make some edits.

### 4.1 How to Export the Configuration

1. Goto the system configuration page [http://{IP\\_ADDRESS}/chipkin/ui/#/chipkinConfiguration](http://{IP_ADDRESS}/chipkin/ui/#/chipkinConfiguration)
2. Click the Export Configuration button.



### 4.2 How to Import the Configuration

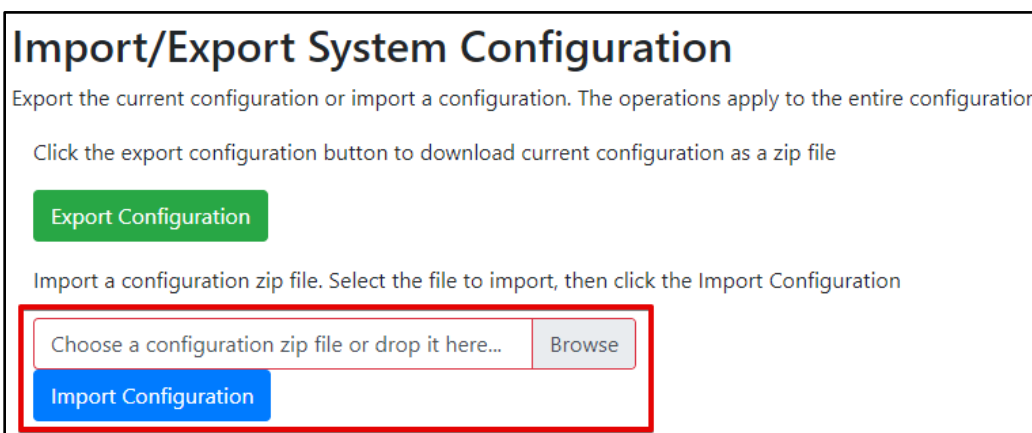
The file to import the configuration must be a zip file. The zip file should contain the following folders:

- ae - this folder contains any configuration files for the Zonex configuration
- pe - this folder contains one config.csv file for the pe configuration.

To make sure the folder directory is correct, do an Export first, then extract the files, edit them, then zip them up again.

To import the configuration:

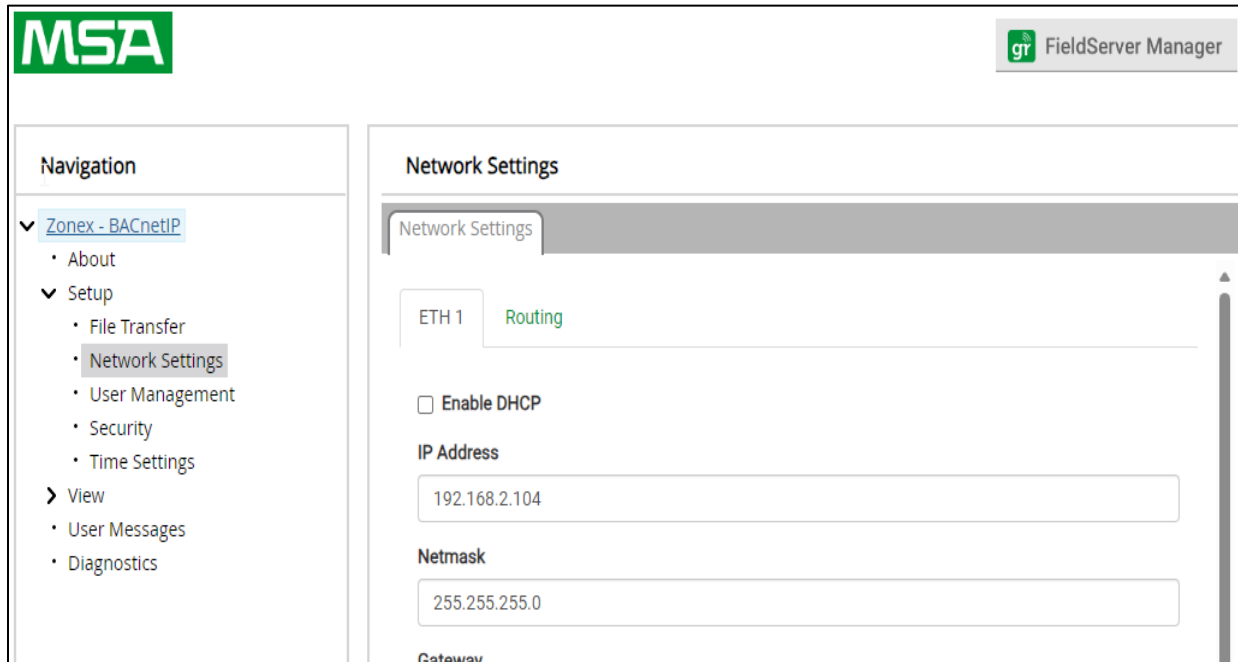
1. Goto the system configuration page [http://{IP\\_ADDRESS}/chipkin/ui/#/chipkinConfiguration](http://{IP_ADDRESS}/chipkin/ui/#/chipkinConfiguration)
2. Click the "Browse" button in the "Import/Export System Configuration" section and select the zip file containing the configuration to import.
3. Click the "Import Configuration" button and wait for the configuration to finish importing.
4. If successful, a success message will appear prompting a reboot of the Fieldserver for the changes to take effect.



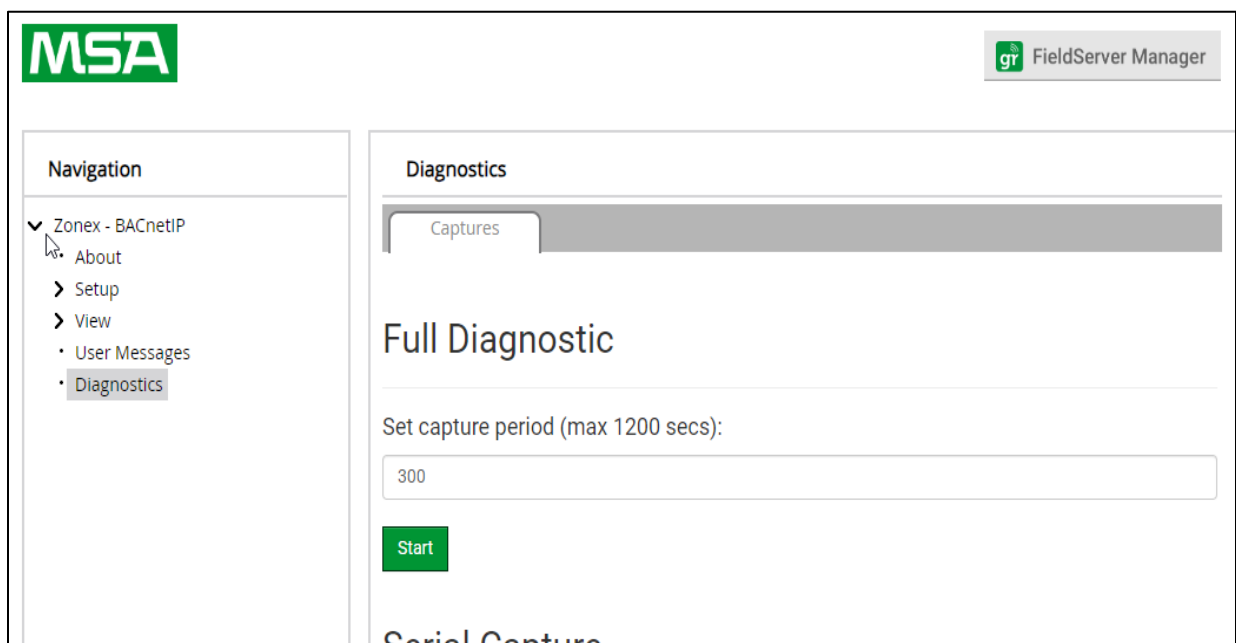
## 5 Appendix A - Troubleshooting

### 5.1 Appendix A.1 - Debugging a Zonex Connection

- If the FieldServer is not receiving any data, verify the URL of the Zonex web server.
- Verify the network and ensure that the FieldServer has direct access to the Zonex web server (either both devices are on the same subnet, or the network has been setup to allow for proper routing)
- Double check the FieldServer Network settings in the FS GUI (MSA Diagnostics page)



- Verify comms by taking a wireshark log or a FieldServer diagnostics log.



## 6 Appendix B - Example Configurations

```
{
  "Zonex": {
    "connections": [
      {
        "type": "ethernet",
        "name": "Ethernet",
        "parameters": {
          "port": "n1"
        }
      }
    ],
    "nodes": [
      {
        "connection": "Ethernet",
        "name": "GET_Status",
        "url": "http://127.0.0.1:8081/status.xml",
        "type": "Read",
        "cacheData": true,
        "scanInterval": "30"
      },
      {
        "connection": "Ethernet",
        "name": "POST_Status",
        "url": "http://127.0.0.1:8081/post.htm",
        "type": "Write",
        "scanInterval": "5"
      }
    ],
    "tasks": [
      {
        "node": "GET_Status",
        "databroker": {
          "pe": {
```

```
    "name": "DA_GENX_SYS_DIA",
    "offset": 0,
    "length": 28
  }
},
"name": "SysDiagnosticID",
"type": "Diagnostic",
"writeNode": ""
},
{
  "node": "GET_Status",
  "databroker": {
    "pe": {
      "name": "DA_GENX_STAT_1",
      "offset": 0,
      "length": 61
    }
  },
  "name": "StatDataID1",
  "type": "StatData",
  "writeNode": "POST_Status"
},
{
  "node": "GET_Status",
  "databroker": {
    "pe": {
      "name": "DA_GENX_STAT_1",
      "offset": 70,
      "length": 42
    }
  },
  "name": "X01",
  "type": "X",
  "writeNode": "POST_Status"
```

```
}  
  ]  
}  
}
```

## 7 Appendix C – BACnet IP Objects

The following table contains the BACnet IP Objects generated in the Meta-Configurer. The configuration uses the BACnet Object Instance of the objects to sort the objects.

**\*Note:** Depending on the configuration of the Zonex devices, there can be a large amount of generated BACnet objects which could cause the discovery of this BACnet device to take a long time.

### Supported Object Types:

- AI = Analog Input
- AV = Analog Value
- BI = Binary Input
- BV = Binary Value
- MI = Multi-State Input
- MV = Multi-State Value

Name	Object Type	Object Instance	Notes
<b>SysDiagnostic Data Points</b>			
SysDiag_Leaving Air	AI	0	
SysDiag_Return Air	AI	1	
SysDiag_Outside Air	AI	2	
SysDiag_AC Status	MI	3	Off = 1, Vent = 2, Cool = 3, Heat = 4, Changeover = 5, Air balance = 6, Abort to reset = 7
SysDiag_FDD/ADR	MI	4	No alert = 1, FDD alert = 2, ADR = 3 FDD & ADR = 4
<b>StatDataID Data Points</b>			
# represents the Damper number attached to GENX (1-20)			
StatDataID#_LockStatus	MV	#000	Unlock = 1, Lock = 2, Lock 2 Degrees = 3
StatDataID#_CurrentRoomTemperature	AI	#001	

StatDataID#_OccupiedCool	AV	#002	
StatDataID#_OccupiedHeat	AV	#003	
StatDataID#_UnoccupiedCool	AV	#004	
StatDataID#_UnoccupiedHeat	AV	#005	
StatDataID#_PriorityVote	AV	#006	
StatDataID#_MondayOccupiedHour	AV	#007	
StatDataID#_MondayOccupiedMinute	AV	#008	
StatDataID#_MondayOccupiedAM	BV	#009	Active = PM, Inactive = AM
StatDataID#_MondayUnoccupiedHour	AV	#010	
StatDataID#_MondayUnoccupiedMinute	AV	#011	
StatDataID#_MondayUnoccupiedAM	BV	#012	Active = PM, Inactive = AM
StatDataID#_TuesdayOccupiedHour	AV	#013	
StatDataID#_TuesdayOccupiedMinute	AV	#014	
StatDataID#_TuesdayOccupiedAM	BV	#015	Active = PM, Inactive = AM
StatDataID#_TuesdayUnoccupiedHour	AV	#016	
StatDataID#_TuesdayUnoccupiedMinute	AV	#017	
StatDataID#_TuesdayUnoccupiedAM	BV	#018	Active = PM, Inactive = AM
StatDataID#_WednesdayOccupiedHour	AV	#019	
StatDataID#_WednesdayOccupiedMinute	AV	#020	
StatDataID#_WednesdayOccupiedAM	BV	#021	Active = PM, Inactive = AM
StatDataID#_WednesdayUnoccupiedHour	AV	#022	
StatDataID#_WednesdayUnoccupiedMinute	AV	#023	
StatDataID#_WednesdayUnoccupiedAM	BV	#024	Active = PM, Inactive = AM
StatDataID#_ThursdayOccupiedHour	AV	#025	
StatDataID#_ThursdayOccupiedMinute	AV	#026	
StatDataID#_ThursdayOccupiedAM	BV	#027	Active = PM, Inactive = AM
StatDataID#_ThursdayUnoccupiedHour	AV	#028	
StatDataID#_ThursdayUnoccupiedMinute	AV	#029	
StatDataID#_ThursdayUnoccupiedAM	BV	#030	Active = PM, Inactive = AM
StatDataID#_FridayOccupiedHour	AV	#031	
StatDataID#_FridayOccupiedMinute	AV	#032	

StatDataID#_FridayOccupiedAM	BV	#033	Active = PM, Inactive = AM
StatDataID#_FridayUnoccupiedHour	AV	#034	
StatDataID#_FridayUnoccupiedMinute	AV	#035	
StatDataID#_FridayUnoccupiedAM	BV	#036	Active = PM, Inactive = AM
StatDataID#_SaturdayOccupiedHour	AV	#037	
StatDataID#_SaturdayOccupiedMinute	AV	#038	
StatDataID#_SaturdayOccupiedAM	BV	#039	Active = PM, Inactive = AM
StatDataID#_SaturdayUnoccupiedHour	AV	#040	
StatDataID#_SaturdayUnoccupiedMinute	AV	#041	
StatDataID#_SaturdayUnoccupiedAM	BV	#042	Active = PM, Inactive = AM
StatDataID#_SundayOccupiedHour	AV	#043	
StatDataID#_SundayOccupiedMinute	AV	#044	
StatDataID#_SundayOccupiedAM	BV	#045	Active = PM, Inactive = AM
StatDataID#_SundayUnoccupiedHour	AV	#046	
StatDataID#_SundayUnoccupiedMinute	AV	#047	
StatDataID#_SundayUnoccupiedAM	BV	#048	Active = PM, Inactive = AM
StatDataID#_VacationEnable	BV	#049	Active = Enable Inactive = Disable
StatDataID#_ZoneStatus	MV	#050	Off = 1, Vent = 2 Cool = 3 Heat = 4
StatDataID#_ZoneCall	MV	#051	Off = 1, Vent = 2 Cool = 3 Heat = 4
StatDataID#_AutoMode	MV	#052	Off = 1, Auto on (heat/cool) = 2, Cool only = 3, Heat only = 4
StatDataID#_StatType	MI	#053	Wireless = 1, Wire = 2,



			Stand Alone(wire) = 3 WUC = 4, EztouchX = 5, SATouch = 6, BLE = 7
StatDataID#_LeavingAir	AI	#054	
StatDataID#_ReturnAir	AI	#055	
StatDataID#_Humidity	AI	#056	
StatDataID#_OccupiedMode	BI	#057	Active = Occupied Inactive = Unoccupied
StatDataID#_ADR	BV	#058	Active = Enable Inactive = Disabled
<b>X Data Points</b>			
# represents the Damper number attached to GENX (1-20)			
X#_MondayOccupiedHour	AV	#059	
X#_MondayOccupiedMinute	AV	#060	
X#_MondayOccupiedAMPM	BV	#061	Active = PM, Inactive = AM
X#_MondayUnoccupiedHour	AV	#062	
X#_MondayUnoccupiedMinute	AV	#063	
X#_MondayUnoccupiedAMPM	BV	#064	Active = PM, Inactive = AM
X#_TuesdayOccupiedHour	AV	#065	
X#_TuesdayOccupiedMinute	AV	#066	
X#_TuesdayOccupiedAMPM	BV	#067	Active = PM, Inactive = AM
X#_TuesdayUnoccupiedHour	AV	#068	
X#_TuesdayUnoccupiedMinute	AV	#069	
X#_TuesdayUnoccupiedAMPM	BV	#070	Active = PM, Inactive = AM
X#_WednesdayOccupiedHour	AV	#071	
X#_WednesdayOccupiedMinute	AV	#072	
X#_WednesdayOccupiedAMPM	BV	#073	Active = PM, Inactive = AM
X#_WednesdayUnoccupiedHour	AV	#074	
X#_WednesdayUnoccupiedMinute	AV	#075	

X#_WednesdayUnoccupiedAMPM	BV	#076	Active = PM, Inactive = AM
X#_ThursdayOccupiedHour	AV	#077	
X#_ThursdayOccupiedMinute	AV	#078	
X#_ThursdayOccupiedAMPM	BV	#079	Active = PM, Inactive = AM
X#_ThursdayUnoccupiedHour	AV	#080	
X#_ThursdayUnoccupiedMinute	AV	#081	
X#_ThursdayUnoccupiedAMPM	BV	#082	Active = PM, Inactive = AM
X#_FridayOccupiedHour	AV	#083	
X#_FridayOccupiedMinute	AV	#084	
X#_FridayOccupiedAMPM	BV	#085	Active = PM, Inactive = AM
X#_FridayUnoccupiedHour	AV	#086	
X#_FridayUnoccupiedMinute	AV	#087	
X#_FridayUnoccupiedAMPM	BV	#088	Active = PM, Inactive = AM
X#_SaturdayOccupiedHour	AV	#089	
X#_SaturdayOccupiedMinute	AV	#090	
X#_SaturdayOccupiedAMPM	BV	#091	Active = PM, Inactive = AM
X#_SaturdayUnoccupiedHour	AV	#092	
X#_SaturdayUnoccupiedMinute	AV	#093	
X#_SaturdayUnoccupiedAMPM	BV	#094	Active = PM, Inactive = AM
X#_SundayOccupiedHour	AV	#095	
X#_SundayOccupiedMinute	AV	#096	
X#_SundayOccupiedAMPM	BV	#097	Active = PM, Inactive = AM
X#_SundayUnoccupiedHour	AV	#098	
X#_SundayUnoccupiedMinute	AV	#099	
X#_SundayUnoccupiedAMPM	BV	#100	Active = PM, Inactive = AM
<b>RMD Data Points</b>			
# represents the RM number (1-20)			
RM#_RMD_Leaving Air	AI	#00000	
RM#_RMD_Return Air	AI	#00001	
RM#_RMD_Outside Air	AI	#00002	
RM#_RMD_AC Status	MI	#00003	Off = 1, Vent = 2,

			Cool =3, Heat = 4, Changeover = 5, Air balance = 6, Abort to reset = 7
RM#_RMD_FDD/ADR	MI	#00004	No alert = 1, FDD alert = 2, ADR = 3 FDD & ADR = 4
<b>RMS Data Points</b>			
# represents the RM (1-20)			
\$\$ represents the Damper number attached to RM # (01-20)			
RM#_RMS\$\$_LockStatus	MV	#\$000	Unlock = 1, Lock = 2, Lock 2 Degrees = 3
RM#_RMS\$\$_CurrentRoomTemperature	AI	#\$001	
RM#_RMS\$\$_OccupiedCool	AV	#\$002	
RM#_RMS\$\$_OccupiedHeat	AV	#\$003	
RM#_RMS\$\$_UnoccupiedCool	AV	#\$004	
RM#_RMS\$\$_UnoccupiedHeat	AV	#\$005	
RM#_RMS\$\$_PriorityVote	AV	#\$006	
RM#_RMS\$\$_MondayOccupiedHour	AV	#\$007	
RM#_RMS\$\$_MondayOccupiedMinute	AV	#\$008	
RM#_RMS\$\$_MondayOccupiedAM/PM	BV	#\$009	Active = PM, Inactive = AM
RM#_RMS\$\$_MondayUnoccupiedHour	AV	#\$010	
RM#_RMS\$\$_MondayUnoccupiedMinute	AV	#\$011	
RM#_RMS\$\$_MondayUnoccupiedAM/PM	BV	#\$012	Active = PM, Inactive = AM
RM#_RMS\$\$_TuesdayOccupiedHour	AV	#\$013	
RM#_RMS\$\$_TuesdayOccupiedMinute	AV	#\$014	
RM#_RMS\$\$_TuesdayOccupiedAM/PM	BV	#\$015	Active = PM, Inactive = AM
RM#_RMS\$\$_TuesdayUnoccupiedHour	AV	#\$016	
RM#_RMS\$\$_TuesdayUnoccupiedMinute	AV	#\$017	

RM#_RMS\$\$_TuesdayUnoccupiedAM/PM	BV	#\$018	Active = PM, Inactive = AM
RM#_RMS\$\$_WednesdayOccupiedHour	AV	#\$019	
RM#_RMS\$\$_WednesdayOccupiedMinute	AV	#\$020	
RM#_RMS\$\$_WednesdayOccupiedAM/PM	BV	#\$021	Active = PM, Inactive = AM
RM#_RMS\$\$_WednesdayUnoccupiedHour	AV	#\$022	
RM#_RMS\$\$_WednesdayUnoccupiedMinute	AV	#\$023	
RM#_RMS\$\$_WednesdayUnoccupiedAM/PM	BV	#\$024	Active = PM, Inactive = AM
RM#_RMS\$\$_ThursdayOccupiedHour	AV	#\$025	
RM#_RMS\$\$_ThursdayOccupiedMinute	AV	#\$026	
RM#_RMS\$\$_ThursdayOccupiedAM/PM	BV	#\$027	Active = PM, Inactive = AM
RM#_RMS\$\$_ThursdayUnoccupiedHour	AV	#\$028	
RM#_RMS\$\$_ThursdayUnoccupiedMinute	AV	#\$029	
RM#_RMS\$\$_ThursdayUnoccupiedAM/PM	BV	#\$030	Active = PM, Inactive = AM
RM#_RMS\$\$_FridayOccupiedHour	AV	#\$031	
RM#_RMS\$\$_FridayOccupiedMinute	AV	#\$032	
RM#_RMS\$\$_FridayOccupiedAM/PM	BV	#\$033	Active = PM, Inactive = AM
RM#_RMS\$\$_FridayUnoccupiedHour	AV	#\$034	
RM#_RMS\$\$_FridayUnoccupiedMinute	AV	#\$035	
RM#_RMS\$\$_FridayUnoccupiedAM/PM	BV	#\$036	Active = PM, Inactive = AM
RM#_RMS\$\$_SaturdayOccupiedHour	AV	#\$037	
RM#_RMS\$\$_SaturdayOccupiedMinute	AV	#\$038	
RM#_RMS\$\$_SaturdayOccupiedAM/PM	BV	#\$039	Active = PM, Inactive = AM
RM#_RMS\$\$_SaturdayUnoccupiedHour	AV	#\$040	
RM#_RMS\$\$_SaturdayUnoccupiedMinute	AV	#\$041	
RM#_RMS\$\$_SaturdayUnoccupiedAM/PM	BV	#\$042	Active = PM, Inactive = AM
RM#_RMS\$\$_SundayOccupiedHour	AV	#\$043	
RM#_RMS\$\$_SundayOccupiedMinute	AV	#\$044	
RM#_RMS\$\$_SundayOccupiedAM/PM	BV	#\$045	Active = PM, Inactive = AM
RM#_RMS\$\$_SundayUnoccupiedHour	AV	#\$046	
RM#_RMS\$\$_SundayUnoccupiedMinute	AV	#\$047	
RM#_RMS\$\$_SundayUnoccupiedAM/PM	BV	#\$048	Active = PM, Inactive = AM

RM#_RMS\$\$_VacationEnable	BV	#\$049	Active = Enable Inactive = Disable
RM#_RMS\$\$_ZoneStatus	MV	#\$050	Off = 1, Vent = 2 Cool = 3 Heat = 4
RM#_RMS\$\$_ZoneCall	MV	#\$051	Off = 1, Vent = 2 Cool = 3 Heat = 4
RM#_RMS\$\$_AutoMode	MV	#\$052	Off = 1, Auto on (heat/cool) = 2, Cool only = 3, Heat only = 4
RM#_RMS\$\$_StatType	MI	#\$053	Wireless = 1, Wire = 2, Stand Alone(wire) = 3 WUC = 4, EztouchX = 5, SATouch = 6, BLE = 7
RM#_RMS\$\$_LeavingAir	AI	#\$054	
RM#_RMS\$\$_ReturnAir	AI	#\$055	
RM#_RMS\$\$_Humidity	AI	#\$056	
RM#_RMS\$\$_OccupiedMode	BI	#\$057	Active = Occupied Inactive = Unoccupied
RM#_RMS\$\$_ADR	BV	#\$058	Active = Enable Inactive = Disabled
<b>RMX Data Points</b>			
# represents the RM (1-20)			
\$\$ represents the Damper number attached to RM # (01-20)			
RM#_RMX\$\$_MondayOccupiedHour	AV	#\$059	

RM#_RMX\$\$_MondayOccupiedMinute	AV	#\$060	
RM#_RMX\$\$_MondayOccupiedAMPM	BV	#\$061	Active = PM, Inactive = AM
RM#_RMX\$\$_MondayUnoccupiedHour	AV	#\$062	
RM#_RMX\$\$_MondayUnoccupiedMinute	AV	#\$063	
RM#_RMX\$\$_MondayUnoccupiedAMPM	BV	#\$064	Active = PM, Inactive = AM
RM#_RMX\$\$_TuesdayOccupiedHour	AV	#\$065	
RM#_RMX\$\$_TuesdayOccupiedMinute	AV	#\$066	
RM#_RMX\$\$_TuesdayOccupiedAMPM	BV	#\$067	Active = PM, Inactive = AM
RM#_RMX\$\$_TuesdayUnoccupiedHour	AV	#\$068	
RM#_RMX\$\$_TuesdayUnoccupiedMinute	AV	#\$069	
RM#_RMX\$\$_TuesdayUnoccupiedAMPM	BV	#\$070	Active = PM, Inactive = AM
RM#_RMX\$\$_WednesdayOccupiedHour	AV	#\$071	
RM#_RMX\$\$_WednesdayOccupiedMinute	AV	#\$072	
RM#_RMX\$\$_WednesdayOccupiedAMPM	BV	#\$073	Active = PM, Inactive = AM
RM#_RMX\$\$_WednesdayUnoccupiedHour	AV	#\$074	
RM#_RMX\$\$_WednesdayUnoccupiedMinute	AV	#\$075	
RM#_RMX\$\$_WednesdayUnoccupiedAMPM	BV	#\$076	Active = PM, Inactive = AM
RM#_RMX\$\$_ThursdayOccupiedHour	AV	#\$077	
RM#_RMX\$\$_ThursdayOccupiedMinute	AV	#\$078	
RM#_RMX\$\$_ThursdayOccupiedAMPM	BV	#\$079	Active = PM, Inactive = AM
RM#_RMX\$\$_ThursdayUnoccupiedHour	AV	#\$080	
RM#_RMX\$\$_ThursdayUnoccupiedMinute	AV	#\$081	
RM#_RMX\$\$_ThursdayUnoccupiedAMPM	BV	#\$082	Active = PM, Inactive = AM
RM#_RMX\$\$_FridayOccupiedHour	AV	#\$083	
RM#_RMX\$\$_FridayOccupiedMinute	AV	#\$084	
RM#_RMX\$\$_FridayOccupiedAMPM	BV	#\$085	Active = PM, Inactive = AM
RM#_RMX\$\$_FridayUnoccupiedHour	AV	#\$086	
RM#_RMX\$\$_FridayUnoccupiedMinute	AV	#\$087	
RM#_RMX\$\$_FridayUnoccupiedAMPM	BV	#\$088	Active = PM, Inactive = AM
RM#_RMX\$\$_SaturdayOccupiedHour	AV	#\$089	
RM#_RMX\$\$_SaturdayOccupiedMinute	AV	#\$090	

RM#_RMX\$\$_SaturdayOccupiedAMPM	BV	#\$091	Active = PM, Inactive = AM
RM#_RMX\$\$_SaturdayUnoccupiedHour	AV	#\$092	
RM#_RMX\$\$_SaturdayUnoccupiedMinute	AV	#\$093	
RM#_RMX\$\$_SaturdayUnoccupiedAMPM	BV	#\$094	Active = PM, Inactive = AM
RM#_RMX\$\$_SundayOccupiedHour	AV	#\$095	
RM#_RMX\$\$_SundayOccupiedMinute	AV	#\$096	
RM#_RMX\$\$_SundayOccupiedAMPM	BV	#\$097	Active = PM, Inactive = AM
RM#_RMX\$\$_SundayUnoccupiedHour	AV	#\$098	
RM#_RMX\$\$_SundayUnoccupiedMinute	AV	#\$099	
RM#_RMX\$\$_SundayUnoccupiedAMPM	BV	#\$100	Active = PM, Inactive = AM

## 8 Revision History

This table summarizes the update history for this document. Please contact Chipkin for an updated version of this document if required.

DATE	RESP	DOC. REV.	COMMENT
21 Feb 2024	AF	1	Created initial document
05 Mar 2024	AF	2	Fixed Import/Export configuration url