Presents

Plugin

System Requirements:
This plugin is for HS3 or HS3PRO. It needs Microsoft .NET Framework 4.7.2 or higher.
It is designed to interface HomeSeer with Minut Point Devices

Plugin Installation:
Download and install from the updater ("Security" section) follow instructions to install.

Plugin Configuration
- Start the plugin from the "PLUG-INS > Manage" page, wait a few seconds for the plugin to initialize
- go to the config page "PLUG-INS > MinutPoint > Config" and enter your Minut UserName and Password and click the "Minut Point Authorization" button, a code will be generated like in the screenshot below.

If successful, the text will show as highlighted above, and the Minut Point Devices will be created.

The devices will poll and you will receive the output of the different sensors, however to correctly receive the instant notifications for various events you need to select the Webhook HTTP Enable option, this will start listening on the default TCP port 46258 and create a web hook for the Minut Point cloud service to send the instant notification.

If running on Windows the plugin will open a port on the windows firewall only whilst the plugin is running.

Additionally if your router support UPnP the plugin will also request a NAT port forward rule to be opened automatically to allow access to the plugin. If your router does not support UPnP discovery and control you will need to create a NAT forwarding rule on your router to allow access to the plugin on the specified port.

The plugin will support public dynamic IP's and will check for a public IP change every hour so there may be a small window every few days for up to an hour when you IP changes when instant notifications will not be received until the new webhook is updated

The web hook will only process notifications where the Key and secret match the stored values when the webhook was created, and it does not expose any HomeSeer functionality publicly so is secure. HTTPS is not necessary as the notifications are very infrequent.

The different Instant notifications allowed are as below

alarm_heard	An alarm sound was recognised
glassbreak	The sound of glass break was detected
short_button_press	The button on Point was pressed
temperature_high	Temperature is higher than the configured
temperature_low	Temperature is lower than the configured
temperature_dropped_normal	Temperature is back down to normal
temperature_risen_normal	Temperature is back up to normal
humidity_high	Humidity is higher than the configured threshold
humidity_low	Humidity is lower than the configured threshold
humidity_dropped_normal	Humidity is back down to normal
humidity_risen_normal	Humidity is back up to normal
avg_sound_high	Average sound levels are higher than the
sound_level_high_quiet_hours	Sound levels high during quiet hours
sound_level_high_despite_warning	Sound levels continue to be high despite warnings
sound_level_dropped_normal	Sound levels are back down to normal
device_offline	Device went offline
device_online	Device went online
tamper	Point was removed from or put back on its
battery_low	The batteries are soon empty, approximately 2
battery_empty	The batteries are empty

The Devices created are

Home Device (this device is used to view the Minut Point Alarm Status and you can also Enable and Disable the alarm)

☐	⚙		MinutPoint	MinutPoint	▬▬▬▬▬ Root Device		
☐	🏠 Off		MinutPoint	MinutPoint	▬▬ Alarm Status	2/22/2019 4:51:54 PM	Off On

User Device (this shows the Home and Away status of a Minut Point User)

☐	⚙		MinutPoint	MinutPoint	Stuart Buchanan Root Device		
☐	🏠 Home		MinutPoint	MinutPoint	Stuart Buchanan Minut Point Presence	2/22/2019 9:05:23 AM	

Each Minute Point device will also create the following:

☐	⚙		MinutPoint	MinutPoint	Conservatory Root Device		
☐	✓ Online		MinutPoint	MinutPoint	Conservatory Point Status	2/22/2019 9:05:27 AM	
☐	🔍 11583		MinutPoint	MinutPoint	Conservatory Point Firmware	2/22/2019 9:05:27 AM	
☐	🔋 84%		MinutPoint	MinutPoint	Conservatory Point Battery	Today 11:16:13 PM	
☐	🌡 21.5° C		MinutPoint	MinutPoint	Conservatory Point Temperature	Today 11:16:13 PM	
☐	💧 51.2% rH		MinutPoint	MinutPoint	Conservatory Point Humidity	Today 11:16:13 PM	
☐	☀ 983 hPa		MinutPoint	MinutPoint	Conservatory Point Barometric Pressure	Today 11:16:13 PM	
☐	🔊 30 dB		MinutPoint	MinutPoint	Conservatory Point Sound Level	Today 11:16:13 PM	
☐	⚡ 4.07v		MinutPoint	MinutPoint	Conservatory Point Battery Voltage	Today 11:16:13 PM	
☐	💬 LOW		MinutPoint	MinutPoint	Conservatory Point Mould Risk	Today 10:07:04 AM	
☐	❓ None		MinutPoint	MinutPoint	Conservatory Point Latest Event	Today 11:36:30 PM	

The instant notifications are triggered on the <Device Name> Latest Event device.

You can now use Homeseer events to control your Minut Point Alarm and respond to changes to the device Status

Please use your 30 day Trial licence to check for and bugs or issues before purchase, please raise any bugs or issues in the plugin forum and I will endeavour to resolve any issues in a timely manner.