ControlZ Hue for HomeSeer HS4

Standalone HS4 plugin that talks to Philips Hue **CLIP v2** (plus SSE) on your LAN. It does *not* go through the ControlZ Mac/iOS app. Devices are namespaced `CzHue:` so this plugin can coexist with PhilipsHue / JowiHue.

First-time setup

1. Enable **ControlZ Hue** under Plugins → Manage.
2. Open Bridges → Discover (MeetHue cloud + mDNS `_hue._tcp`), or enter the bridge IP.
3. Press the Hue link button, then Link — or paste an existing application key.
4. Confirm lights and sensors appear on Devices / Sensors.

Pages

- Bridges — discover, pair, rename; software-update list.
- Devices — light roots and features.
- Rooms — Hue rooms/zones as optional group devices (Location / Location2).
- Scenes — recall / delete; smart_scene and behavior_script listing.
- Rules — Hue rules listing.
- Sensors — motion (including MotionAware), light level, temp, humidity, contact, Last Button pads.
- Batteries — every `device_power` sensor with level, room, last-change, days since change, and learned average battery life.
- Settings — MotionAware toggle, optional v1 group API for whole-home speed, logging.

Sync & repair

On Bridges, **Sync & repair** scans the bridge for new/changed lights, rooms/groups, and sensors, and recreates deleted HomeSeer parents or missing core features (Status / Brightness / colour channels). Use it after deleting devices in HS Device Utility.

Repair HS devices

Also on Bridges: **Repair HS devices** (all bridges) or per-bridge **Repair** syncs when the bridge is reachable, then heals missing parents/features from the local registry even if the bridge is offline. Prefer Repair when HS Device Utility deleted a parent but the Hue API is down.

Lights and ControlUse

Light composites expose Status / Brightness / Color Temperature / Hue / Saturation / Color Control with locked ControlUse (**On / Off / Dim / ColorControl**). HS4 Events and ControlZ app ControlUse writes drive the physical lamp. Prefer this plugin for dim / colour / CT; keep third-party plugins only if legacy events still depend on them.

HS4 Events

Use native Device WHEN/THEN on StatusControls. There are no custom plugin Event actions on ControlZ Hue.

Realtime

Status updates arrive over Hue SSE. Bridge config and device software-update lists are available from Bridges.

Data & logs

Registry: `Data/CzHue/registry.json` · Startup log: `Data/CzHue/startup.log` under the HomeSeer program folder.