



# IGOR 5.0.0 RELEASE NOTES

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## GATEWAY

### General

- UPnP support dropped
- Legacy switch and dimmer objects have been removed and are no longer supported.
- Upgrading
  - The version 5 installer will not allow your gateway software to be upgraded if UPnP devices are detected.
  - If your installation contains UPnP devices, you will first have to be running any version between 4.2.0 – 4.5.3 gateway software, and then upgrade any UPnP nodes to at least 6.0.1.
  - There is no direct upgrade path from versions before 4.2. If you're running a gateway version prior to 4.2, you will need to upgrade to any version between 4.2.0 – 4.5.3 before upgrading to 5.
- .NET Framework 4.7.2 is now required
- SQL Server Express 2017 is now required

### New Features and Enhancements

- **Re-designed User Interface**
  - Responsive
    - The gateway interface has been re-written from the ground up as a mobile-first application. The interface will now automatically adapt to the device you're accessing it from to provide the best possible experience whether it's a mobile phone, tablet, laptop, or desktop PC.
  - Scalable
    - Each screen has been re-designed to handle large sets of objects and devices for enterprise-grade installations.
  - Brand Friendly
    - Partners now have the option to choose between a dark or light theme when white labeling the gateway software as well as their logo and primary color. In addition, references to Igor have been significantly reduced to help support partner brands.
  - Standalone
    - Microsoft Internet Information Services dependencies have been removed and are no longer required to be installed with the gateway software. The UI application is now self-contained and does not rely on third-party services or frameworks to be installed.
- **Dashboard**
  - The new dashboard screen gives administrators a quick look into their system.
  - Users can now quickly see:
    - Number of devices online and offline.
    - Motion sensor and wall control activity by hour.
    - Upcoming schedule executions.
    - Recently visited spaces.

- **Space Groups**
  - Users can now group spaces into logical containers as it suits them.
  - Spaces can belong to multiple space groups for organizational or ease-of-access purposes.
  - Space groups can be controlled via action sets or the API for faster automation setup and configuration.
  - Users can also configure spaces to opt-out of space group control if desired by setting the space Control Type from “All” to “Space”.
- **System-wide Searching**
  - Users can now search for any object, device, space, or space group from the top of any page by clicking the magnifying glass icon.
  - Search by full or partial name, IP address, or MAC address to find objects or devices that meet any of the criteria.
  - Searching for an object by name will yield results for any space, schedule, action set, or device containing the search term as well as any devices that belong to a space that contains that term.
- **New Device Type – Actuator**
  - Actuators are abstract objects that can be used to control a variety of devices connected to Igor nodes or even custom third-party software or devices.
  - Native support for window shade control has been added to the new Command Actuators action for use with Action Sets.
  - Native support for Somfy and qMotion window shades has been added in firmware 7.1.0.
- **New Device Type – Sensor**
  - Sensors are abstract objects that can be used to provide event driven data from a variety of devices connected to Igor nodes or even custom third-party software or devices.
- **Import/Export Space and Space Group configurations**
  - Users can now import pre-defined space and space group configurations in CSV format directly in the new admin application.
  - Users can now export space and space group configurations to a CSV file.
- **Export device lists**
  - Users can now export all or filtered lists of devices from the gateway in a CSV file which includes the device type, name, the space the device belongs to, online/offline status, IP address, and MAC address.
- **System settings**
  - Several previously hard-to-find configuration values have now been brought directly into the admin application allowing partners and installers to much more easily configure the gateway software.
  - For example, users can now easily change system settings for things such as default light level for newly discovered lights, event retention, and log levels.

- **Log viewer**
  - Installers can now find log data in the new Diagnostics section of the admin application. You can now see the number of unique log messages the system has written and easily search them to help diagnose issues.
- **Commissioning wizard improvements**
  - You can now select whether you want an entire chain, node, or just the device to be brought into the space.
  - Users now receive more visual verification when one or more lights have been added to a space via the wizard.
  - The UI will now list all devices that were just brought into the space so you can verify if all devices were brought in as expected.
  - You can now undo your last change(s) if the wizard brought in any unintended devices.
  - There is now a progress bar indicator for each commissioning step to help users determine how many questions are left before determining your light.

## API

### Non-breaking Changes:

- Added actuators to API and SDK.
- Added sensors to API and SDK.
- Added settings service and endpoints to API and SDK.
- SDK no longer sets bearer token if no API key is provided.
- Added subtypes and counts to DeviceTypeCountDto in SDK.
- Added diagnostics/warnings API endpoint.
- Multithreaded HTTP requests using SDK are no longer serialized.
- Added TryGetParameters to ActionDto.
- Removed Required attribute from all DTOs.
- Added isEmergency and subtypes to device search parameters in API and SDK.
- Added IpAddress and MacAddress to DeviceSearchResultsDto.

### Breaking Changes:

- Removed discover endpoints from all device types in API and SDK. Use /devices/discover to initiate discovery.
- Moved DeviceSearchParameters and DevicesSearchResultDto from Igor.Gateway.Dtos.Search.Devices to Igor.Gateway.Dtos.Devices namespace.
- Removed dimmers and switches from API and SDK.
- Removed SetBearerToken from IHttpClientservice in SDK, bearer token is now automatically set as part of request.
- The following Nuget packages referenced by SDK have been updated:
  - Newtonsoft.JSON
  - System.Net.Http
  - Microsoft.Extensions.Configuration.Abstractions
- Removed Kelvin, MinimumKelvin, MaximumKelvin from LightingDto, LightDto, CreateLightDto, UpdateLightDto, SpaceDto, and SpaceSearchResultsDto, use CCT properties instead.
- LightLightingChangedEventDto Kelvin property renamed to CCT.

- SpaceAutomationSpaceEventType enum MotionDetection renamed to OccupancyDetection.
- Removed NodeId from DeviceDto. Use NetworkNodeId instead.
- Igor.Gateway.Api.Sdk.Config assembly now targets .NET Framework 4.7.2 and .NET core 2.0.
- Removed emergency settings for light from API and SDK. Users should now use PUT /networknodes/{networkNodeId}/emergencylevel to set emergency light level for a chain.
- Renamed PageNumber in Sdk.Common PagingQueryParameters to just Page.

#### Bug Fixes

- Delay value in actions no longer accepts a negative value.
- Getting zone level via API request should now provide correct values on initial and subsequent requests.
- Fixed messaging when attempting to create a dry contact via the API without specifying the type of dry contact.