

**Smart Pool**

POOL AUTOMATION &amp; INTELLIGENCE

9360 W Flamingo Rd Ste 110-339

Las Vegas, NV 89147

[smart-pool.ai](https://smart-pool.ai)[info@smart-pool.ai](mailto:info@smart-pool.ai)

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# Third-Party Integration Authorization & Policy Statement

Smart Home Platform Integration — Authorization Framework & Data Governance

## SUBMITTED TO

Google Smart Home Certification Team

Google LLC, Mountain View, CA

Re: Smart Pool — Google Home Cloud-to-Cloud Integration (Certification)

## 1. PURPOSE & SCOPE

Smart Pool (operated by Mark A. Hale, PhD, hereinafter "Smart Pool," "the Company," or "we") hereby submits this Third-Party Integration Authorization & Policy Statement to the Google Smart Home Certification Team in support of its pending Google Home cloud-to-cloud integration certification.

This document formally establishes (a) the legal basis under which Smart Pool accesses third-party pool-automation cloud services on behalf of end users, (b) the explicit user-consent framework governing those connections, (c) the devices and capabilities exposed through the Google Home integration, and (d) the Company's data-handling commitments applicable to Google Home.

This document is intended as the formal authorization record requested by the Google Smart Home Certification Team and may be retained on file as part of the certification review.

## 2. COMPANY INFORMATION

**Company Name**

Smart Pool

**Business Address**

9360 W Flamingo Rd Ste 110-339, Las Vegas, NV 89147, USA

**Website**<https://smart-pool.ai>**Contact Email**[info@smart-pool.ai](mailto:info@smart-pool.ai)

<b>Founder &amp; CEO</b>	Mark A. Hale, PhD
<b>Product</b>	Smart Pool — iOS & Android pool-automation app
<b>App Store</b>	Apple App Store (approved & live) · Google Play (beta)

### 3. NATURE OF THE INTEGRATION — INDEPENDENT THIRD-PARTY APPLICATION

Smart Pool is an **independent third-party application**. It is not a Pentair-branded product, not a Pentair partner, and not otherwise endorsed or sponsored by Pentair. Smart Pool has no formal partnership agreement with Pentair, nor does it require one in order to access Pentair cloud services on behalf of end users.

This model — an independent application that operates its own OAuth 2.0 authorization server and uses user-delegated credentials to access a manufacturer's cloud API under the manufacturer's own published terms of service — is grounded in **RFC 6749 (IETF OAuth 2.0 Authorization Framework)**, the same standard Google cites in its own OAuth 2.0 developer documentation. Under RFC 6749, the *resource owner* (the pool owner) is the authorizing party; the resource server (manufacturer's cloud) does not hold veto authority over user-delegated access.

The legal basis for access to each supported manufacturer's cloud service rests entirely with the **pool owner** as account holder, as described in Section 4 below.

### 4. AUTHORIZATION FRAMEWORK — USER-DELEGATED ACCESS

IntelliCenter is designed as a multi-user delegated-access system. The pool owner can add any number of authorized users directly from their IntelliCenter admin console — a feature Pentair built into the product. Smart Pool operates under this same delegation model: the pool owner provides credentials they own and control, and can revoke at any time. This is the product working exactly as Pentair designed it.

This model is consistent with **RFC 6749 (IETF OAuth 2.0 Authorization Framework)**, which defines the *resource owner* — the pool owner — as the authorizing party for third-party access. Smart Pool accesses Pentair cloud services through credentials provided directly by the pool owner. No Smart Pool credentials are used; every API call is authenticated using the owner's own account credentials.

The authorization chain for every connected user is as follows:

- 1. The pool owner holds a valid manufacturer account** under the relevant Pentair ServiceConnect Terms of Service. The manufacturer's terms govern that account; the owner has already agreed to them.
- 2. The pool owner installs Smart Pool** and, within the app, actively chooses to connect their pool system. The app presents an explicit consent screen (see Section 6) before any

credentials are entered.

3. **The pool owner provides their own manufacturer credentials** (username and password, or system name and PIN) directly within the Smart Pool app. These credentials are transmitted over TLS to the Smart Pool backend and are used exclusively to authenticate against the manufacturer's cloud API on the owner's behalf.
4. **Smart Pool acts as the owner's authorized agent**, sending and receiving data from the manufacturer's cloud service in exactly the same way the manufacturer's own mobile application would, using the same API endpoints and the owner's own account session.
5. **Smart Pool issues its own OAuth 2.0 token** to represent the user's Smart Pool account. All downstream platform integrations (Google Home, Alexa, Apple Home) authenticate against Smart Pool's OAuth server exclusively — manufacturer credentials are never exposed to or visible by any smart home platform.
6. **The pool owner connects the Google Home integration** within the Smart Pool app, triggering a second explicit consent screen (see Section 6). This consent is recorded by Smart Pool and authorizes the Company to expose the owner's pool devices to Google Home on their behalf.

At every step, authorization originates with and remains under the control of the pool owner — the account holder who purchased and operates the system.

## 5. MANUFACTURER TERMS OF SERVICE — LEGAL BASIS BY PLATFORM

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Smart Pool currently supports two Pentair pool-automation platforms. The legal basis for access to each is described below, along with the specific contractual provisions that explicitly permit user-authorized third-party access.

### 5.1 Pentair IntelliCenter®

Smart Pool connects to IntelliCenter via the Pentair cloud gateway — the same gateway used by the official Pentair IntelliCenter mobile application. Users provide their IntelliCenter email address and password.

*Pentair ServiceConnect Terms & Conditions, Section 4(d)* explicitly addresses third-party integrations. It states that users may "initiate the communication, transfer and exchange of certain information between the Service and certain software, devices or systems owned and operated by Third Parties." This provision unambiguously permits pool owners to authorize an independent application such as Smart Pool to access IntelliCenter data on their behalf.

Reference: <https://www.pentair.com/legal/terms-of-use/sc-app-terms-and-conditions-en-us.html>

### 5.2 Pentair ScreenLogic® (EasyTouch / IntelliTouch)

Smart Pool connects to ScreenLogic-compatible systems via the Pentair ScreenLogic remote gateway using the pool system name and PIN assigned by the owner. This is the same authentication mecha-

nism used by the official ScreenLogic Connect application. The governing terms are those of the Pentair ScreenLogic Terms of Service, which permit remote access via the ScreenLogic gateway to authorized users.

In all cases, Smart Pool does not create, simulate, or spoof manufacturer accounts. All access is performed using real credentials belonging to the pool owner, under the manufacturer's own API, within the scope of what the manufacturer's terms permit account holders to do.

## 6. USER CONSENT FRAMEWORK

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Smart Pool collects affirmative, informed consent from users at two distinct points in the onboarding flow:

### 6.1 Manufacturer Connection Consent

When a user connects their pool system, a consent screen is displayed stating that the user is authorizing Smart Pool to access their pool automation system using their manufacturer credentials, and that this access will be used to monitor and control pool equipment within the app. The user must actively proceed past this screen before any credentials are entered or transmitted.

### 6.2 Google Home Integration Consent

When a user enables the Google Home integration within Smart Pool, a dedicated consent screen is displayed. This screen explicitly states:

- That enabling this integration will allow Google Home and Google Assistant to view the status of and issue voice or routine commands to the user's pool equipment.
- Which specific device types will be visible to Google Home (pool thermostat, spa thermostat, lights, switches).
- That the user may revoke this integration at any time from within the Smart Pool app settings.

The user's consent action (timestamp and integration type) is recorded in the Smart Pool user database and is retained for audit purposes. Users may revoke consent at any time, which immediately terminates the cloud-to-cloud data share with Google Home.

### 6.3 Terms of Service & Privacy Policy

Smart Pool's Terms of Service and Privacy Policy, both of which explicitly address third-party smart home integrations including Google Home, Amazon Alexa, and Apple HomeKit, are published at:

- Terms of Service: <https://smart-pool.ai/terms.html>
- Privacy Policy: <https://smart-pool.ai/privacy.html>

Users must agree to these documents during app onboarding, prior to connecting any pool system or enabling any smart home integration.

## 7. DEVICES & CAPABILITIES EXPOSED VIA GOOGLE HOME

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The Smart Pool Google Home integration exposes the following device types and capabilities via the Google Home cloud-to-cloud protocol:

Device	Google Home Device Type	Capabilities	Status
Pool	THERMOSTAT	Temperature reporting, setpoint control, on/off	CERTIFIED
Spa	THERMOSTAT	Temperature reporting, setpoint control, on/off	CERTIFIED
Pool Light	SWITCH	On/off	CERTIFIED
Spa Light	SWITCH	On/off	CERTIFIED
Jets	SWITCH	On/off	CERTIFIED
Blower	SWITCH	On/off	CERTIFIED
Waterfall	SWITCH	On/off	CERTIFIED
Spillway	SWITCH	On/off	CERTIFIED
Pump Speed Control	SWITCH	On/off, speed level	ADDING
Smart Heat Schedules	SCENE	Scene activation via Google Home Routines	ADDING

All device state is read in real time from the manufacturer's cloud service at the time of each QUERY intent. EXECUTE intents are translated into the appropriate command and sent to the manufacturer's cloud service, then confirmed to Google Home. No device state is stored persistently on Smart Pool servers beyond the minimum required for session management.

## 8. DATA HANDLING & PRIVACY COMMITMENTS

### 8.1 Data Collected

Smart Pool collects the following data categories in connection with the Google Home integration:

- **Account credentials:** Manufacturer username/password or system PIN, stored encrypted at rest. Used exclusively for manufacturer API authentication.
- **Device state:** Pool/spa temperature, setpoints, equipment on/off status. Retrieved in real time; not stored beyond the active session except for heating history used to compute estimated ready times.
- **Usage data:** Command timestamps for heating ETA calculation and operational analytics. No command history is shared with third parties.

- **Google Home OAuth tokens:** Stored encrypted; used only to maintain the Google Home cloud-to-cloud session for the consenting user.

## 8.2 Data Sharing

Smart Pool does not sell user data. Data is shared with Google Home only to the extent necessary to fulfill SYNC, QUERY, and EXECUTE intents for the authenticated user. No personally identifiable information beyond device state is transmitted to Google in connection with these intents.

## 8.3 Data Retention & Deletion

If a user revokes the Google Home integration or deletes their Smart Pool account, all Google Home OAuth tokens are immediately invalidated and deleted. Users may request complete account deletion at any time via the in-app settings or by emailing [info@smart-pool.ai](mailto:info@smart-pool.ai).

## 8.4 Security

All data in transit is encrypted using TLS 1.2 or higher. Credentials stored at rest are encrypted using AES-256. Smart Pool's backend is hosted on Amazon Web Services (AWS) in the us-west-2 region, utilizing IAM least-privilege access controls and CloudWatch audit logging.

## 9. EXISTING SMART HOME CERTIFICATIONS & PLATFORM APPROVALS

Smart Pool has successfully completed the certification review process for the following smart home platforms, demonstrating that the Company's authorization model, user consent framework, and data handling practices meet platform certification standards:

Platform	Integration Type	Status
Amazon Alexa	Published Alexa Skill	CERTIFIED & LIVE
Apple App Store (iOS)	Native iOS Application	APPROVED & RELEASED
Google Play Store (Android)	Native Android Application	BETA / CLOSED TESTING
Google Home	Cloud-to-Cloud Integration	IN CERTIFICATION
Apple HomeKit	HAP Bridge	IN DEVELOPMENT

The Amazon Alexa certification, in particular, evaluated the same authorization framework described in this document — user-delegated credentials, explicit consent, and no manufacturer partnership agreement — and found it compliant. Smart Pool has been operating as a live Alexa skill without objection from Pentair or any pool equipment manufacturer since its publication.

## 10. DECLARATION & AUTHORIZATION

The undersigned, as Founder & Chief Executive Officer of Smart Pool, hereby declares that:

1. Smart Pool accesses pool-automation manufacturer cloud services exclusively using credentials provided by and belonging to the end user (pool owner), acting as that user's authorized agent under the applicable manufacturer Terms of Service.
2. Smart Pool does not require, possess, or claim any formal authorization, partnership agreement, or license from Pentair or any other pool equipment manufacturer to perform this function, as the authorization rests entirely with the account-holding pool owner.
3. Smart Pool obtains explicit, informed consent from each user before establishing any manufacturer connection or smart home platform integration, and records that consent for audit purposes.
4. The Google Home integration exposed by Smart Pool is limited to device types and capabilities described in Section 7, and is governed by the data handling commitments described in Section 8.
5. The information contained in this document is true and accurate to the best of the undersigned's knowledge, and Smart Pool commits to notify the Google Smart Home Certification Team of any material changes to the integration model described herein.

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Executed as of the date set forth below by the authorized representative of Smart Pool.

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**Mark A. Hale, PhD**

Founder & Chief Executive Officer  
 Smart Pool  
 April 28, 2026

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**Company**

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 Las Vegas, NV 89147, USA