

White Paper: Integrator Tools

01/28/2025

Step-By-Step Setup Instructions

Introduction

This guide will help you set up and install the new **Cindev Integrator Tools** for Control4. This all-in-one **agent** streamlines notifications and simplifies programming by combining features from multiple existing Cindev drivers like Email+ agent, Voice agent, Dealer Agent, Login Agent and Battery Agent.

Preparation

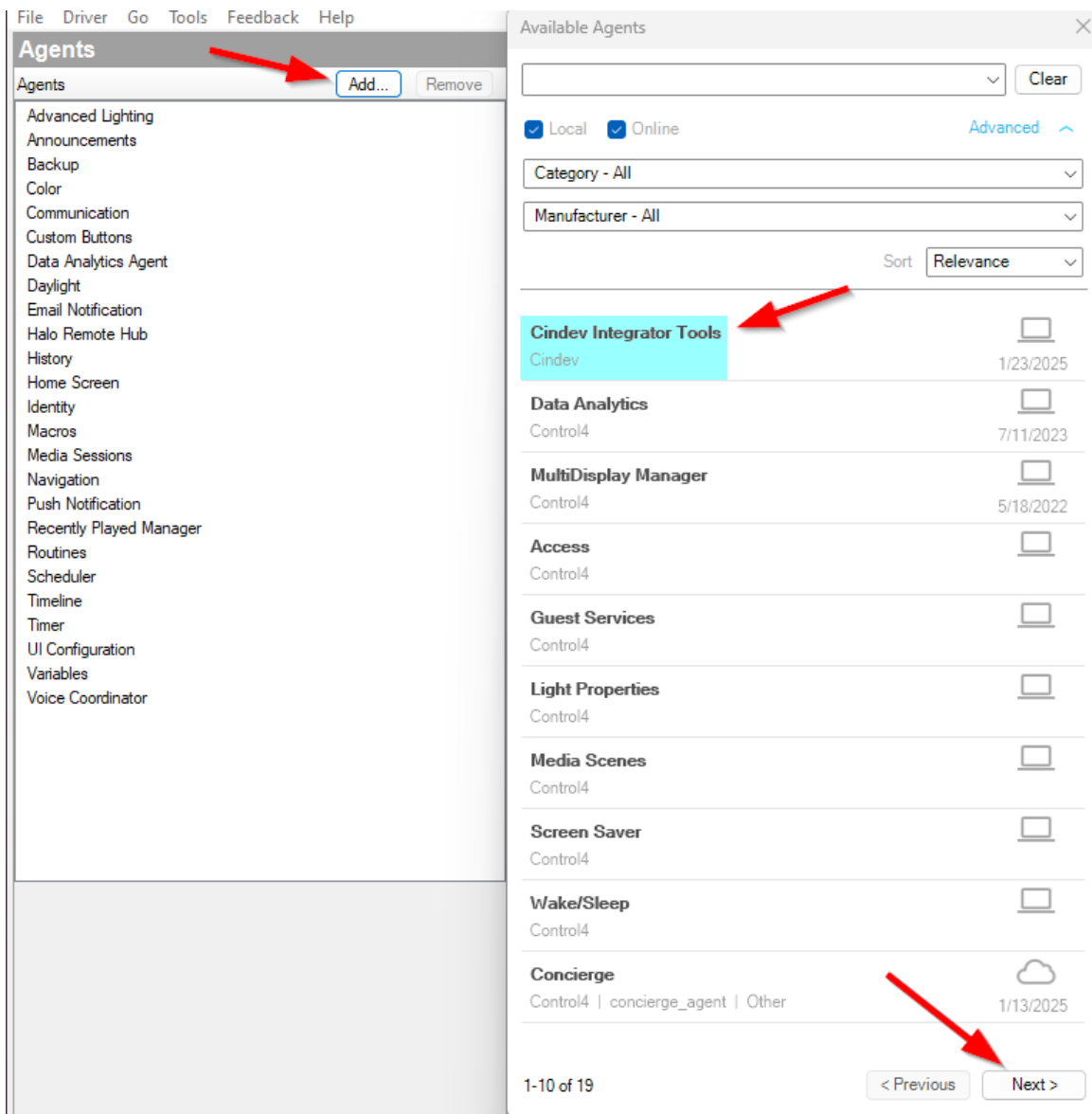
Prerequisites:

1. **Download the Driver**
 - Ensure the driver is downloaded to your Control4 **drivers folder**
 - If you need to install the **DriverCentral Cloud Driver**, [Watch Video Here](#)
 2. **Access Control4 Composer Pro**
 - You'll work in the **Agents** section, not by adding the driver to a room
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Step-by-Step Setup

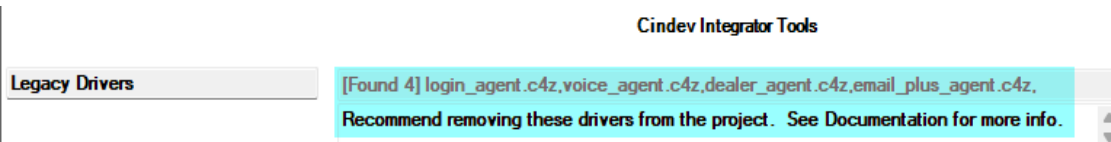
Step 1: Add the Driver

1. Open **Control4 Composer Pro**
2. Navigate to the **Agents** section
3. Click **Add Agent**
4. Locate and select **Cindev Integrator Tools**
5. Add it to the Agents list



If prompted:

- Remove any conflicting drivers (e.g., Voice Agent, Login Agent, Dealer Agent, or Email Plus Agent)



- If this is a new Control4 project, skip this step

Step 2: Configure Email Notifications

1. In the **Integrator Tools Agent**, go to the **Email Setup** section
2. Enter email addresses for the following groups:
 - **Owner:** Your client's email address
 - **Integrator:** Your service department's email address
 - **Manager:** A property manager's email address (if applicable)
 - **Other:** Any additional email recipients
3. Customize the following (optional):
 - Default email subjects for **clients** and **integrators**
 - "From" and "Reply-To" email addresses

Email Setup And Email Groups		Custom Email Template	
Cindev Integrator Tools		Cindev Integrator Tools Actions	
Configure	(1) Email	☐ Send Email: -Owner(Yes) -Integrator(No) -Manager(No) -Other(No) -Custom() -Snapshots -Subject() -From() -Reply() -HTML(No)	
Status	Jan 20 10:49:03: [6 of 50 today] [Owner] Email Sent - (2 images)	Commands Conditionals Loops	
Email Groups			
Owner Email(s)	info@cindev.com	☒ Device Specific Command	
Integrator Email(s)	service@cindev.com	Send Custom - Email Alert	
Manager Email(s)	propertymgt@cindev.com	Message	
Other Email(s)		To Owner Yes	
Additional Email Parameter Settings		To Integrator No	
Default Subject	My [CITY] Smart Home	To Manager No	
Default Subject (Integrator)	Control4 Project: [PROJECT_NAME]	To Other No	
Default From Name	Control4 Smart Home	-Optional Items- Items left blank below will use Def.	
Default From Email	000FFF19E6A6@cindev.com	To Custom	
Default Reply Email		Snapshots	
TestAlert Section		Subject	
Send Alert	(Select)	From Name	
Test Message	This is a test alert from [PROJECT]	Reply Email	
		Message is HTM No	

Step 3: Configure Push Notifications

1. Navigate to the **Push Setup** section
2. Verify that the default settings are correct
 - These are preconfigured, but you can adjust:
 - Notification category
 - Severity level
 - Default subject line

Push Setup

Cindev Integrator Tools

Configure
(2) Push

Status
Jan 20 10:49:00: Alert Message Sent

Push Notification Settings

Default Category
Security

Default Severity
Alert

Default Subject (Push)
My [CITY] Smart Home

Test Alert Section

Send Alert
(Select)

Test Message
This is a test alert from [PROJECT]

Custom Push Template

Cindev Integrator Tools Actions

Send Push Alert: -Severity(Default) -Category (Default) -Snapshot() -Subject()

Commands
Conditionals
Loops

Device Specific Command

Send Custom - Push Alert
▼

Message	
-Optional Items-	
Severity	
Category	
Snapshot	
Subject	

Step 4: Configure Text-to-Voice Notifications

1. Go to the **Text-to-Voice Setup** section
2. Select your notification output device(s):
 - **Control4 Touchscreens**
 - **Sonos Speakers**
 - **Control4 Announcements**
3. Customize the following:
 - Language, gender, and voice model
 - To preview voice options, click the provided link to Google's voice examples
4. If using **Voice Alert Output** as an announcement:
 - Select the **Announcement Agent** as the output
 - Under **Voice Announcement** - Select **"Create New Announcement"**
 - This will create an announcement called **Cindev Integrator Tools Template** in the **Control4 Announcement Agent**
 - Add the rooms or touchscreens where you want the announcement to play
5. Test the setup:
 - Use the test field at the bottom of the **Cindev Integrator Tools Agent**
 - Type a custom message or use the default text, then trigger the alert

Text-To-Voice Setup

Cindev Integrator Tools

Configure

(3) Text to Voice

Status

Jan 20 14:05:11: [159 of 12000 today] Ready to S

Text to Voice Default Notification Settings

Voice Alert Output

Announcement Agent

Voice Announcement

Announcement (2) Set

Additional Voice Parameter Settings

Voice Examples

<https://cloud.google.com/text-to-speech/docs/voices>

Voice Language

en-US

Voice Gender

Female

Voice Model

Neural2-C

TestAlert Section

Send Alert

(Select)

Test Message

This Will Say Anything You Type In Here

Custom Voice Template

Cindev Integrator Tools Actions

Voice Alert: Have It Say Whatever You Want - Touchscreens(@ Default%) -Announcement(No Sonos(@ Default%) -Voice()

Commands

Conditionals

Loops

Device Specific Command

Send Custom - Voice Alert

Message

Have It Say Whatever You Want

Touchscreens

Touchscreen Vol

Default

Announcement

No

Sonos Rooms

Sonos Volume

Default

-Voice Params-

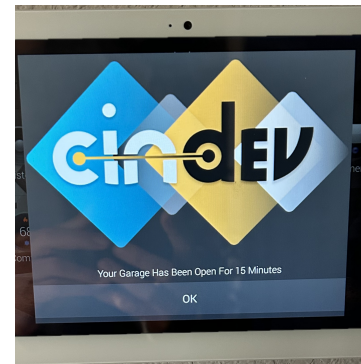
Custom Voice Alert Params

Voice Model

Step 5: Configure Navigator Pop-ups

(Skip this step if your project doesn't include Control4 Touchscreens.)

1. Navigate to the **Navigator Pop-ups** section
2. Select the devices where pop-ups should display
3. Configure the following:
 - Display time (in seconds)
 - Whether the "OK" button is shown
 - Dealer logo via the **Image URL** field



Navigator Pop-Up Setup

Cindev Integrator Tools

Configure

(4) Navigator Popup

Status

Jan 20 10:49:00: Alert Message Sent

Required Navigator Popup Settings

Default Navigators

T3 10" In-Wall Touch Screen (495), T3 7" In-Wall Touch Screen (498)

Select

Additional Navigator Popup Settings

Default Display Time

30

Default OK Button

Shown

Default Image URL

https://www.pngkey.com/png/full/388-3881468_control4-logo-png-control4-dealer.png

TestAlert Section

Send Alert

(Select)

Test Message

This is a test alert from [PROJECT]

Custom Pop-Up Message

Cindev Integrator Tools Actions

Navigator Popup: -Snapshot() -ImageURL() -Navigators() -ShowOk(Default) -DisplayLength(-1)

Commands

Conditionals

Loops

Device Specific Command

Send Custom - Navigator Popup Alert

Message

-Optional Items-

Items set to Default, -1 or

Snapshot

Image URL

Navigators

OK Button

Default

Display Length (

-1

Step 6: Configure Default Project Notifications

1. Go to the **Default Project Notifications** section
2. Specify where notifications are sent (most will go to the **Integrator Email**)

INTEGRATOR TOOLS DEFAULT NOTIFICATIONS:							
Notification	Push	Owner	Integrator	Manager	Other	Voice	Pop-Up
Project Loaded	Yes	No	Yes	No	No	No	No
Project Updated	No	No	Yes	No	No	No	No
Driver Added	No	No	No	No	No	No	No
Driver Removed	No	No	No	No	No	No	No
Driver Updated	No	No	Yes	No	No	No	No
Composer Login	Yes	No	Yes	No	No	No	No
Composer Logout	No	No	No	No	No	No	No
Lighting Hardware Issues	Yes	No	Yes	No	No	No	No
Climate Hardware Issues	No	No	Yes	No	No	No	No
Low Battery Alerts	No	No	Yes	No	No	No	No

Notification Groups:

- **Project Loaded**
 - Tracks when the project loads
- **Project Updated**
 - Tracks when the project is updated
- **Driver Updated**
 - Tracks when any driver in the project is updated
- **Driver Added**
 - Tracks when any driver is added to the project
- **Driver Removed**
 - Tracks when any driver is removed from the project
- **Composer Logins**
 - Tracks when anyone log ins to the project remotely or locally
- **All Composers Logged Out**
 - Tracks when all users have logged out of the project
- **Lighting Hardware Notifications**
 - Monitors Control4 lighting devices for:
 - Short circuits
 - Overheating
 - Overrated Wattage
- **Climate Hardware Notifications**
 - Monitors Control4 thermostat devices for:
 - Thermostat Errors
- **Low Battery Notifications**
 - Monitors any battery device in your Control4 project
 - Control4 Hardware
 - Card Access Hardware
 - Locks
 - CS (Dammit) Water Sensors
 - Nyce
 - Shades/Blinds

- Nest
- Sinope
- Shelly

You are now ready to program your Control4 Project!

[Developer Information](#)

brought to you by: Cindev



<https://www.cindev.com>

<https://www.drivercentral.io/cindev/>

We are always looking to improve our drivers. Please send your suggestions to: info@cindev.com