UniFi Speed Test Driver

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Features/Overview

- Run internet speed tests easily from the Control4 interface

Dealer Notes

The driver connects via the to the UniFi Network Controller driver.

The speed test is from the UniFi Network Controller to the internet (Hardwired Speed)

This driver is optional and only should be used if the customer wants a speed test button from Navigator

Setup

- Make binding connection from UniFi Network Controller

- Refresh Navigators

Driver Properties

- Driver Actions
  - View Status: Displays general history and event information on the Lua tab of the driver
  - Test Service Email: Will send a test email to the service email provided
  - Test Customer Email: Will send a test email to the customer email provided
  - Run Speed Test: Will tell UniFi to run the ISP speed test

- Automatic Speed Test.   Enables/Disables automatic speed testing by UniFi

- Periodic Speed Test Time. The amount of hours between automatic speed tests

Event and Notifications

Events: Dropdown list of different notification events.   This allows dealers to customize how the notification is sent to the customer.   Events are as follows:

        RESULTS: When a speed test has completed

        TESTING: When a customer initiated speed test starts. Automatic speed test will not notify customer.

        Display Status: Configure notification when Display Status is triggered. Example: Driver Icon is pressed

Email/Text Notification Settings

Events have the ability to send customized email, text and push notifications to certain groups of people. The Properties listed here set those groups for easier programming.

Email: Service.   This property is intended to send an email to the installer or dealership of the project. The email subject line will be: Control4 System: [PROJECT_NAME].   Example Control4 System: Smith Residence.

Email: Customer. This property is for the customer.   When a message is sent the subject line will come from the property Email: Subject

Email: Subject.   This property is the subject line of the email (or push notification subject line).   When the driver will build this subject line based on the following criteria.

    When first loaded the driver will scan the project and look for another driver with the property 'Email: Subject' and if found will use what is already being used

    If no driver is found with 'Email: Subject' the driver will use the zipcode of the project [CITY] Smart Home. Example: Denver Smart Home

    If the driver cannot find a city the subject line will default to: My Control4 Smart Home

UI Settings

This driver uses the UI button proxy from Control4.   This proxy allows a custom icon to be displayed on Control4 Navigator.   The driver has the ability to trigger quick actions when the icon is pressed.

    UIButton: Single Tap.   This property will trigger with the driver icon is pressed once

    UIButton: Double Tap. This property will trigger when the driveri icon is pressed twice.   NOTE: As of OS3 double tap must be done SLOWLY!   Press, Press... It will NOT work if you quickly press the button twice.   Control4 is aware of this bug on Navigator.

    Icon Style. This property defines the icon look.   Choose the correct icon style for the project here. You do not need to Refresh Navigators when changing this value

Control4 Navigators.   This property defines which Touchscreens will receive the Navigator Popup event (if enabled under the Events section).

Development Tools

Driver communicates directly to the UniFi Network Controller

Push Notification uses the Control4 MyHome app and 4Sight

Email Notifications use Cindev Notification System (Sendgrid Email API).

DriverCentral Licensing and Driver Management including Auto Update

Warranty & Disclaimer

https://www.cindev.com/terms-and-conditions