Configuring Daktronics Display Studio for Infocaster Player™

This document addresses how to use Daktronics Display Studio to configure a scripting button that can send commands to an Imagine Communications® Infocaster Player for control of Infocaster-controlled digital signage.

Overview

Daktronics Display Studio and DMN Server can be configured to send commands to displays which have their playback controlled by an Imagine Communications Infocaster Player. Refer to **Figure 1**. Complete the steps in this document to create a Display Studio scripting button to control the Infocaster Player™.
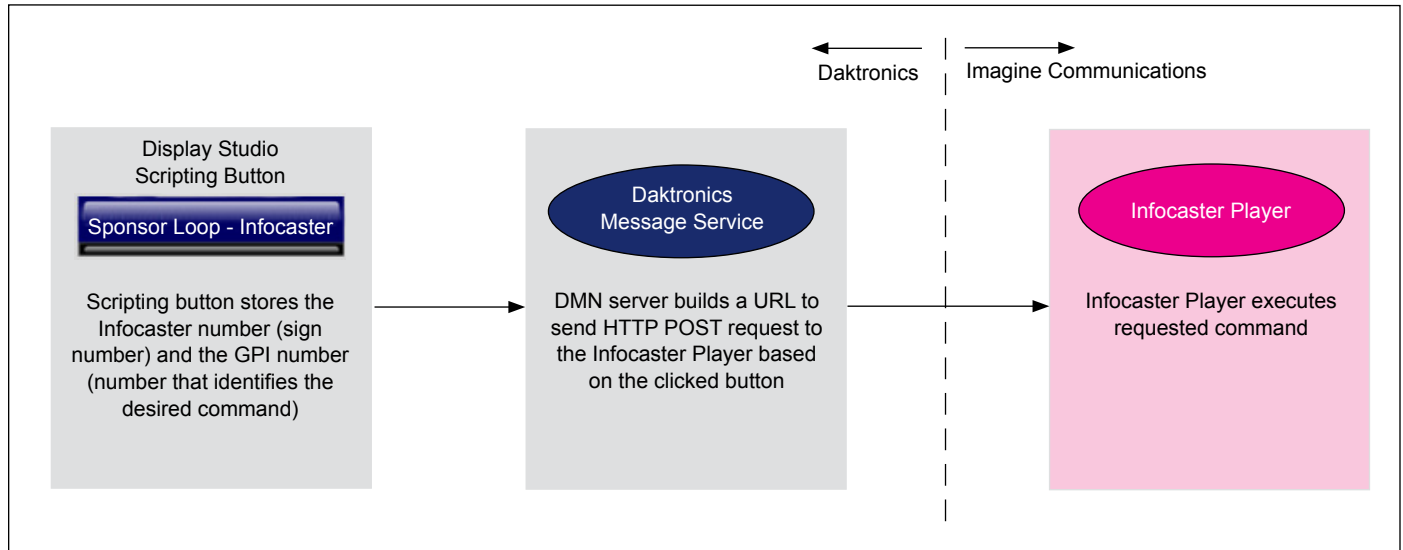

Figure 1: Scripting Button Overview

Creating Display Studio Scripting Button

Complete the following steps in Display Studio to create a scripting button that sends a command to be executed by an Imagine Communications Infocaster Player.

Note: This section assumes that the user already has a basic familiarity with Display Studio operation. For more information on setting up and using Display Studio, refer to the **Show Control System User Handbook**, accessible by navigating to **Start menu > All Programs > Daktronics > Display Studio > Show Control User Handbook** on a Show Control User Station.

1. Right-click within the desired **Scripting Container** and select **New Button** to open the **Button Creation Window**.

2. Click ⊞ to add a script line to the button.

3. Click Step **1** at the top and select **System Control**.

4. Click Step **2** and select **Advanced**.

5. Click Step **3** and select **Play**.

6. Click Step **4** and enter information into the applicable fields. Refer to **Figure 2**.

    ***Figure 2:** Creating Scripting Button*

    *   **Protocol**: Leave as default value (UDP/IP).

    *   **Address**: Leave as default value (255.255.255.255).

    *   **Port**: Enter Port number configured for DMN Server.

    *   **Sign Number**: Enter sign number configured for Imagine Communications Infocaster Player.

    *   **Drive Letter**: Leave blank.

    *   **Library**: Leave blank.

    *   **File**: Enter the GPI number (command number) that corresponds to the desired command to be executed on the Infocaster Player. GPI numbers must be a numeric value between 1-99; other values will not be processed by the DMN server.
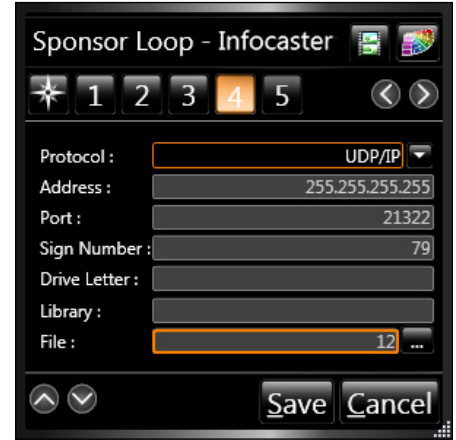
7. Click **Save** when finished.

Data Server Settings

When setting up the Data Server software on the DMN server to communicate with the Imagine Communications Infocaster Player, configure the settings listed in the table below.

Note: The values listed in the table are shown as examples only.

Setting	Example
IP address of Infocaster Player	10.236.16.16
Port used on Infocaster Player	8009
Path included in HTTP POST request	Maxidrivers/maxisoftgpi/fire
Sign number assigned to Infocaster Player™	79

Example of issued HTTP POST request: http://10.236.16.16:8009/Maxidrivers/maxisoftgpi/fire?gpi=3

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