NetStreams™

DIGILINX[™] Application Note

DigiLinX Dealer Setup Design Rules Check Function

Introduction

The new *DigiLinX* Dealer Setup Design Rules Check is a diagnostic tool that checks your *DigiLinX* project file for accuracy before sending the configuration files to all *DigiLinX* devices in the system.

Design Rules is available with *DigiLinX* Dealer Setup version 1.42 or higher. More diagnostic tools continue to be added in future releases.

The following are some potential issues that Design Rules checks:

- Invalid Characters or Strings includes characters (such as ~, #, \$, \, %) or strings (such as "Amp", "C", "Q") these characters are reserved for programming code.
- Duplicate Service Names checks for one or more devices that have the same name.
- O Camera Information checks for duplicate or improper IP configuration.
- IP conflicts checks for wrong IP addressing scheme or invalid subnet mask.

NOTE: Other checks are performed in addition to these, but this list includes the most common issues found in *DigiLinX* project files.

Running the Design Rules Check Function

To run the Design Rules Check function, complete the following steps:

- 1. Create a project file using the *DigiLinX* Dealer Setup Program.
- With the project open, select Tools>Design Rules Check.
 A popup window displays showing any errors in your project file (see Figure 1).

NOTE: This example shows a duplicate service name error and an IP addressing problem.



The IP-Based Distributed Entertainment Company.

Products Included:

DigiLinX Dealer Setup Program

DigiLinX System Setup version 01.42.00 - C:\Documents an Edit Devices Tools Help About	und Settings\clarsen\Wy Documents\Digilinx\ra 🔳 🗖
DESIGN RULES CHECK	
Below is a list of all known errors and warnings in your current	
Co Design Rules Check	*
V 🏷 Errors (2)	
Duplicate service name: TV Sound (111)	
🕷 🗁 Static IP in AutolP range (108)	
🔻 🏷 Dining Room SL	
📑 serialNumber=SL220056100116100537B	
P=10.15.83.123	
PMask=255.0.0.0	
🔻 🏷 Sky+ ML	
E serialNumber≃MLA101051880011610081D4	
autoIPRange=10.15.0.1:10.15.255.255	
IPMask=255.0.0.0	
🔻 🦢 Family Room SL	•
Click on an item above for more information.	Expand All Collapse All
	Expand All Collapse All
and the second se	
	Close
Real Provide State	
	Clear List Find Devices

- Figure 1Design Rules Results Screen
- **3.** Note and fix any issues.
- 4. Rerun the Design Rules Check function until you have cleared all errors.