

# Saving Violations to the Web (User Guide)

# Notice

Representations in this User Guide are meant as an overview and quick reference. Full details can be found in the On-Line manuals located at the *ADIVA Corporation* website - [www.adiva.com](http://www.adiva.com)

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# Getting Started...

- Web pages can be created showing violation information and / or design information
- Data is automatically sorted by violation type with a brief description of the violation
- User can add notes to a web page for review by others
- Resultant data is placed in an easy to read matrix for user sorting and review by any standard internet browser
- Web page information is contained in a sub-directory under the DRC\_jobname directory containing the Adiva database
- Files can be easily zipped together for simple emailing of data
- A simple double-click on one file opens a browser and presents all archived information for easy selection and review

Seek to a violation that is of interest (adjust layer display if desired)  
then select the **DRC Archive** icon for web page creation



A DRC Archive dialog will appear...

Fill in items such as part number, revision,  
designer's and checker's name if desired then...

Make sure the **Data Type** is set to "Error Data" to  
store violation pages. Simple screen shots can also  
be stored by changing this setting to "Reference Data"

Add any custom notes to help communicate the issue

Select **Create** to process the DRC Archive

Leave this dialog open and select **Create** for other  
violations to be archived



# Web Browser Presentation

A web browser should open displaying a matrix of violations that have been archived.

Violations should be clearly described – click on one to see a graphic of the violation

**Design Analysis Archive**

	Adiva Corporation		Part No. 123_23ASB		Rev. AA		Last Update: <input type="text"/>		
	Designer: Designer		Checked: Checker		Orig Date: <input type="text"/>				
Padstack	Circuit	Board Edge	Silk & Mask	Test & Assembly	Design Integrity	Signal Integrity	Component	Reference	Net Compare
<a href="#">Min Non-Plated Hole to Non-Plated Hole1</a>									

Web browser should now show a graphic of the selected violation including specific details about the violation...

Violation Description,  
Check parameter,  
Violation amount,  
XY location,  
Layer involved

Custom note added  
from creation dialog

Same graphic displayed  
in AdivaTools DRC Violation  
review

The screenshot shows a Mozilla Firefox browser window displaying a "Design Analysis Report" for Adiva Corporation. The report title is "Design Analysis Archive". Below the title is a link "Return to Index Page". The report header includes the Adiva logo, "Adiva Corporation", "Part No. 123\_23ASB", "Rev. AA", and "Orig Date:". A table lists the violation details:

Violation Type	Amount - Inches	Parameter - Inches	X - Y Location	Layer
Min Non-Plated Hole to Non-Plated Hole-1	0.01850	0.05000	X:0.50100 Y:2.49340	252 (Non Plated Holes),

Below the table is a custom note: "These Non-Plated Holes are too close...". A large graphic shows a PCB layout with a grid of holes. A red circle highlights a specific hole, and a red 'X' marks a violation location. The graphic is displayed on a black background.

**END**

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