



# Mosart Timing Display Guide

Version 1.4



Mosart Web Applications



**Copyright © 2022 Vizrt. All rights reserved.**

No part of this software, documentation or publication may be reproduced, transcribed, stored in a retrieval system, translated into any language, computer language, or transmitted in any form or by any means, electronically, mechanically, magnetically, optically, chemically, photocopied, manually, or otherwise, without prior written permission from Vizrt. Vizrt specifically retains title to all Vizrt software. This software is supplied under a license agreement and may only be installed, used or copied in accordance to that agreement.

### **Disclaimer**

Vizrt provides this publication “as is” without warranty of any kind, either expressed or implied. This publication may contain technical inaccuracies or typographical errors. While every precaution has been taken in the preparation of this document to ensure that it contains accurate and up-to-date information, the publisher and author assume no responsibility for errors or omissions. Nor is any liability assumed for damages resulting from the use of the information contained in this document. Vizrt’s policy is one of continual development, so the content of this document is periodically subject to be modified without notice. These changes will be incorporated in new editions of the publication. Vizrt may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time. Vizrt may have patents or pending patent applications covering subject matters in this document. The furnishing of this document does not give you any license to these patents.

### **Technical Support**

For technical support and the latest news of upgrades, documentation, and related products, visit the Vizrt web site at [www.vizrt.com](http://www.vizrt.com).

### **Created on**

2022/08/05

# Contents

<b>1</b>	<b>Working with the Timing Display.....</b>	<b>5</b>
1.1	Key Features .....	5
1.2	Operating Modes .....	5
1.2.1	Show Mode .....	5
1.2.2	Edit Mode .....	6
<b>2</b>	<b>Setup and Administration .....</b>	<b>9</b>
2.1	Prerequisites.....	9
2.2	Installation.....	9
2.3	Configuration .....	10
2.3.1	Enabling HTTPS.....	10
2.3.2	Support for main/backup Connection .....	10

The Mosart Timing Display provides timing information for the studio control room and studio floor.

- Synchronizes with the active Viz Mosart rundown, it can be customized to display user-specific details.
- Supports a variety of devices.  
For example an iPad or networked phone.
- Provides multiple, customized Timing Displays.  
For example, one Timing Display can be running on the studio floor, connected to the in house intercom system. A second Timing Display is in the control room counting down packages, keeping the producer updated on the current show.

This section describes:

- [Working with the Timing Display](#)
- [Setup and Administration](#)

---

# 1 Working With The Timing Display

- [Key Features](#)
  - [Operating Modes](#)
- 

## 1.1 Key Features

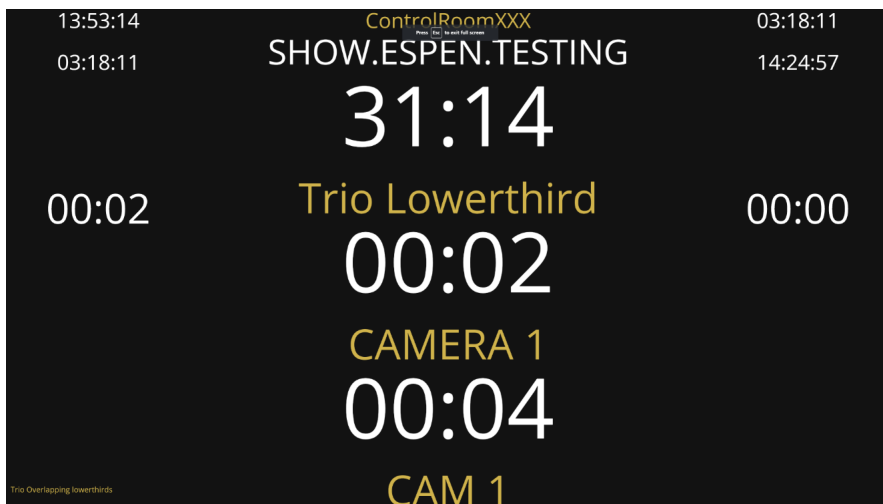
- Supports a variety of devices (for example an iPad or networked phone).
  - A 24 x 24 editing grid enables rich flexibility for timer layouts.
  - Each timer has a consistent and readable appearance. Available space is optimized with proportionate fonts.
  - Rapid drag and drop of timer elements, from an intuitive list.
  - Rich text formatting: Color picker + Bold + Alignment + Show label.
- 

## 1.2 Operating Modes

For daily operations, the Timing Display runs in [Show Mode](#). Use [Edit Mode](#) to create or adjust the display.

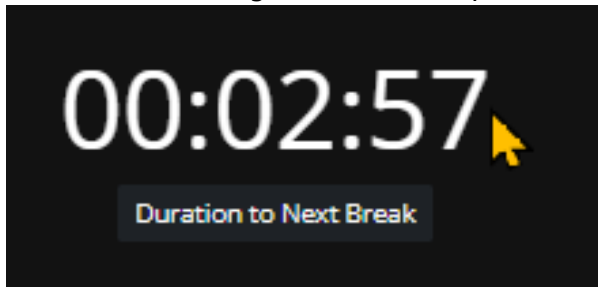
### 1.2.1 Show Mode

Appearance of timing information in your web browser

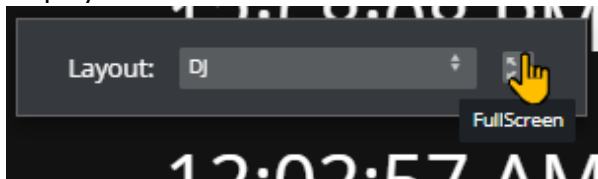


In *Show* mode you can:

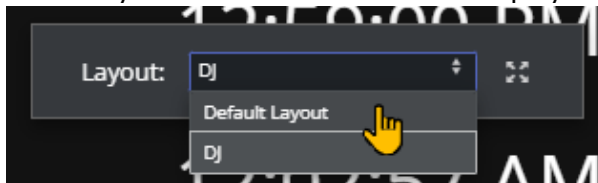
- Mouse-over a timing detail for an explanation.



- Display as full screen.



- Select any other defined view of the display.



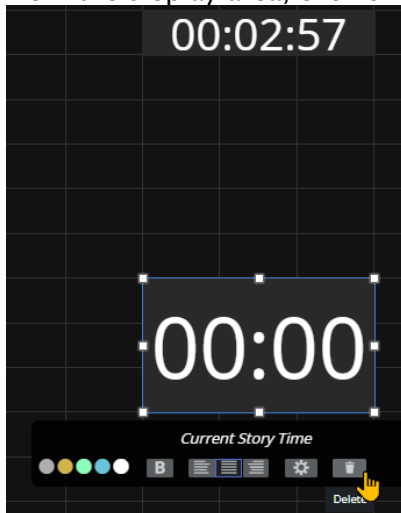
## 1.2.2 Edit Mode

### Creating and modifying a Timing Display

You can reconfigure or create a new Timing Display with details relevant to your operation.

1. If no Timing Display editor is running in your web browser
  - a. From the desktop shortcut or **Programs** menu, start the Viz Mosart Web Applications Configuration Tool.
  - b. In the **Timing Display** panel, click **Open**.  
A Timing Display editing web page opens.
2. Configure the display. For example:
  - a. From the **Timers** panel to the left, drag any highlighted timing detail into the display area.

- b. From the display area, click on any timing detail and edit/delete.



**Note:** The action **Delete** simply returns the selected timing detail back to the **Timers** selection panel on the left.

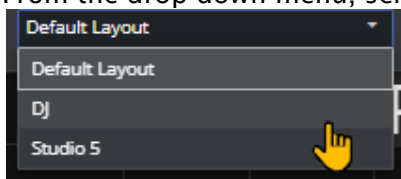


3. Click **Save as** and enter a unique, meaningful name for the display.

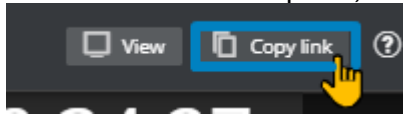
## Distributing a Timing Display

Once you have created or modified a Timing Display, you can share it with other users on the same network.

1. Create/modify the Timing Display as described in [Working with the Timing Display](#) above.
2. From the drop-down menu, select required display.



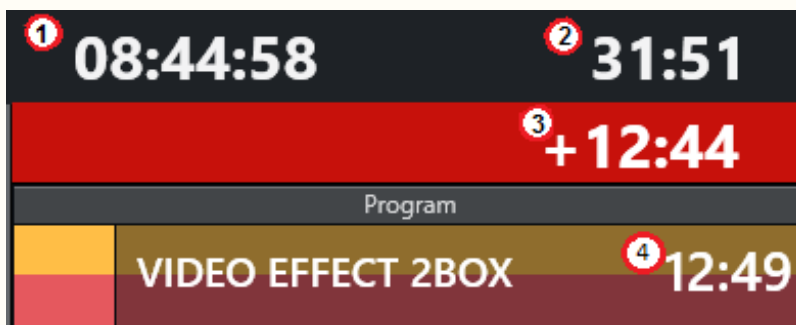
- From the menu bar top-left, select **Copy link**.



- Share the URL with your users.

**Note:** The original Viz Mosart Timing Display, with explanation of some of the elements, is [described here](#).

Appearance of timing information in the Viz Mosart UI



- Counts the downtime to the *next break*.
- Counts how much the rundown is *over/under*.
- Counts down the *remaining time* for the current On Air template.
- Shows the *duration* of the current On Air template.



---

## 2 Setup And Administration

**Timing Display** will work out of the box, as long as you install the Mosart Web Applications on the same machine as the **Viz Mosart Server**.

- [Prerequisites](#)
- [Installation](#)
- [Configuration](#)

---

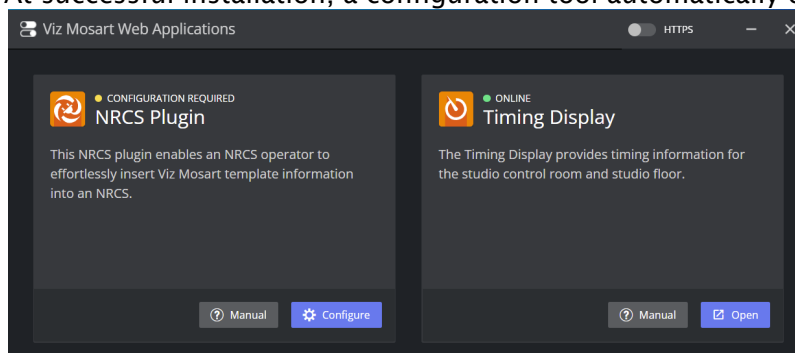
### 2.1 Prerequisites

- Viz Mosart 5.0.3 or later

---

### 2.2 Installation

1. From Vizrt's FTP server, download the bundle `//products/VizMosart/Latest Version/WebComponents/MosartWebApplications.Bundle-1.4.0.0.exe`.
2. If upgrading, make sure an existing instance of the Viz Mosart Web Applications Configuration Tool is not open.
3. Run the Mosart Web Applications installer on the Viz Mosart server machine.
4. At successful installation, a configuration tool automatically opens:



A yellow warning icon and text **CONFIGURATION REQUIRED** alert if further user settings must be entered.

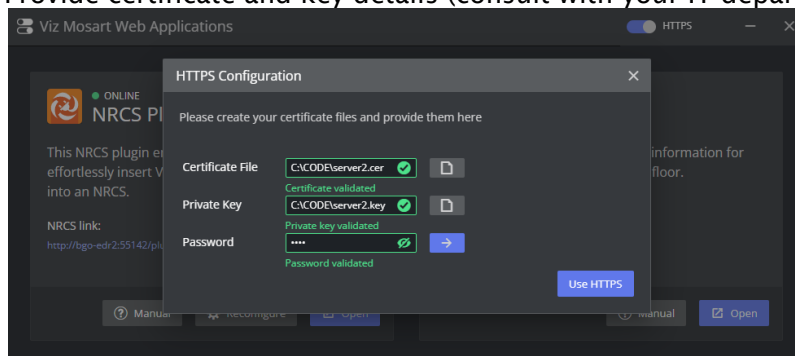
5. In the **Timing Display** panel click **Open**.  
A Timing Display with layout editor opens. Here you can [create your required timer details](#), or use the default appearance.
6. Copy the URL to bring it to your studio.

## 2.3 Configuration

### 2.3.1 Enabling HTTPS

#### Step 1 – Turn HTTPS on in Mosart Web Applications

1. Launch the Viz Mosart Web Applications Configuration Tool (a desktop shortcut is presented by default).
2. In the top right corner, switch on the HTTPS switch.
3. Provide certificate and key details (consult with your IT department to obtain this).



**Note:** This selection also turn on HTTPS for the [Mosart NRCS Plugin](#).

#### Step 2 – Turn HTTPS on in Mosart Remote Dispatcher Service

1. Copy the file C:\Program Files (x86)\Mosart Medialab\Mosart Server\ConfigurationFiles\RemoteDispatcherServiceConfig.xml to C:\ChannelTemplates.
2. Fill in the following fields:
  - **SignalRUseHttps:** *true*
  - **SignalRCertificatePath:** *<path\_to\_the\_server.crt\_created\_above>*
  - **SignalRCertificateKeyPath:** *<path\_to\_the\_server.key\_created\_above>*
  - **SignalRCertificatePassword:** *<the\_passphrase\_used\_above>*
3. Restart the Remote Panel service

```
<item name="SignalRUseHttps" value="true" />
<item name="SignalRCertificatePath" value="C:\CODE\server2.cer" />
<item name="SignalRCertificateKeyPath" value="C:\CODE\server2.key" />
<item name="SignalRCertificatePassword" value="password" />
```

### 2.3.2 Support for main/backup Connection

Currently there is no autonomous support at switching.

- A simple workaround is creating two open Timing Display instances and manually switching between them.