



User Management in Cisco StadiumVision Director

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Cisco StadiumVision Director deployments normally have a team of people who are responsible for different aspects of the site setup and event operation. For example, in addition to a system administrator, there is usually an event operator, a content manager, and a technical support person, among other personnel. Each person has different skills and needs for working with the Cisco StadiumVision Director software.

The Cisco StadiumVision Director software implements Role-Based Access Control (RBAC) to control permissions and user access to only the portions of the system for which they are trained and authorized to use. More than one user can be assigned to the same role in the software. However, only a single role can be assigned to each username.

For more details about RBAC in a multi-venue environment, see also [“Role-Based Access Control for Hierarchical Management of Multiple Venues”](#) section on page 60.

Information About User Management

This section includes the following topics:

- [Administrator Role Overview, page 81](#)
- [RBAC Roles Overview, page 82](#)
- [Access Summary by Role, page 83](#)

Administrator Role Overview

The Administrator role has unrestricted access to the Cisco StadiumVision Director software, and is the only role that can add users and assign RBAC privileges to them. The Administrator role is pre-configured in Cisco StadiumVision Director and cannot be deleted. However, you can change the password. You also can have more than one user assigned with Administrator privileges.

The Cisco StadiumVision administrator is the person who is responsible for deploying the Cisco StadiumVision solution throughout the venue.

The administrator has sufficient permissions to do the following functions:

**Note**

Administrators have global access to all venues in a multi-venue environment.

- Installing, upgrading, backing up, and restoring Cisco StadiumVision Director servers.
- Configuring multiple venue support and Cisco StadiumVision Director Remote servers.
- Associating objects to venues.
- Creating additional users and assigning roles.
- Adding devices to Cisco StadiumVision Director.
- Staging content.
- Configuring the channel lineup (Content Managers can also configure this area).
- Configuring local control areas such as luxury suites, back offices, and bars.
- Configuring Point of Sale (POS).
- Generating Proof of Play (PoP).
- Configuring the Dynamic Menu Board application.
- Configuring the TV Off custom application.
- Configuring Command Center Monitoring (CCM) and rebooting DMPs from CCM.

RBAC Roles Overview

[Table 1](#) provides an overview of the roles that can be assigned by the Administrator in Cisco StadiumVision Director.

Table 1 *Cisco StadiumVision Director Roles*

Role	Description
Concessionaire	Concessionaires have access only to the Dynamic Menu Board application, which allows modification of certain text-based and graphics items, and the background graphic on menus. All content uploaded by the concessionaire is available to all users that have sufficient permissions based on the roles assigned to them. The concessionaire role does not have permissions in the Control Panel or the Management Dashboard, and they can only see the DMB themes that they create.
Content Manager	Content Managers are responsible for uploading content and ads provided by the creative services team. They create event scripts so that the correct content displays in the proper area of the venue and the proper area of the TV screen according to the specified schedule. The content manager role has permissions in Cisco StadiumVision Director to configure event states/scripts, zones, groups, screen templates, playlists, and tickers. Content managers can also assign gadgets for custom menus and create playlists for those menus.

Table 1 Cisco StadiumVision Director Roles

Role	Description
Event Operator	Event Operators run the Cisco StadiumVision Director event scripts during an event. The event operator role has permissions to start and stop scripts and modify their states. They can change the transition of an event state from time-based to manual, move an event into one of the three ad hoc states (Inside Emergency, Outside Emergency, or Delay), and approve ticker content (legacy version). Additionally, the event operator keeps track of which break states have played and is responsible for performing the pre-game walk-through.
Facility Operator	Facility Operators have access only to the TV Off application. The facility operator must access this application directly using the <code>http://ipaddress:9090/web/sv/home</code> , where <i>ipaddress</i> is the IP Address of the Cisco StadiumVision Director server.
Help Desk	Help Desk users have read-only permissions to view and monitor information on the Management Dashboard and to use CCM. This role does not have permissions in the Control Panel, except to change their own password. For more information on the tasks performed by the help desk role, see the StadiumVision Director Management Dashboard Guide.
SSC User	(Release 3.0 and later). Self-Service Content (SSC) users are given access only to the SSC portal area of Cisco StadiumVision Director, where they can upload content into albums and publish that content to authorized TVs. This user-specific workspace contains only the content explicitly uploaded by that user, and only that user can see the content. The administrator authorizes each SSC user for the suites and TVs on which they can display their content.
Support	Support users are responsible for first-level technical support. They have limited access to the Management Dashboard to monitor DMP status, troubleshoot, and manage the DMPs on the Cisco StadiumVision network. They also have access to CCM. The support role does not have permissions in the Control Panel, except to change their own password. For more information on the tasks performed by the help desk role, see the StadiumVision Director Management Dashboard Guide.
Venue Operator	(Release 3.1 and later). Venue Operators have script control only, and only for venues authorized by the administrator for that user. In the Management Dashboard, venue operators can view and monitor information on the Management Dashboard with read-only access to the venues for which permissions are granted. They also have access to CCM. Note Venue Operators are the only role that have venue-specific permissions. For more information, see the “Configuring Cisco StadiumVision Director for Multiple Venue Support” module on page 57.

Access Summary by Role

Table 2 provides a summary of the areas of access in the Cisco StadiumVision Director software by each user role.



Note

“Yes” indicates that the user role has access to the corresponding functional area, and “—” means that the role does not have authorization there.

Table 2 Role Access Summary by Functional Area of Cisco StadiumVision Director

Functional Area	Admin	Concessionaire	Content Manager	Event Operator	Facility Operator	Help Desk	SSC User	Support	Venue Operator
Command Center Monitoring (CCM)	Yes	—	—	—	—	Yes	—	Yes	Yes
Control Panel/ Setup									
Channels	Yes	—	Yes	—	—	—	—	—	—
Data Integration	Yes	—	Yes	—	—	—	—	—	—
Devices	Yes	—	—	—	—	—	—	—	—
Menus	Yes	—	Yes	—	—	—	—	—	—
My Profile	—	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Proof of Play	Yes	—	—	—	—	—	—	—	—
Stores	Yes	—	—	—	—	—	—	—	—
Suites	Yes	—	—	—	—	—	—	Limited ¹	—
Templates	Yes	—	Yes	—	—	—	—	—	—
Triggers	Yes	—	—	—	—	—	—	—	—
Users	Yes	—	—	—	—	—	—	—	—
Venues	Yes	—	—	—	—	—	—	—	—
Zones & Groups	Yes	—	Yes	Yes	—	—	—	—	—
Control Panel									
Content	Yes	—	Yes	—	—	—	—	—	—
Control	Yes	—	—	Yes	—	—	—	—	Limited ²
Control/Staging	Yes	—	—	Yes	—	—	—	—	—
Schedule	Yes	—	Yes	—	—	—	—	—	—
Ticker (legacy)	Yes	—	Yes	Yes	—	—	—	—	—
Widgets	Yes	—	Yes	—	—	—	—	—	—
Dynamic Menu Boards	Yes	Yes	Yes	—	—	—	—	—	—
Management Dashboard	Yes	—	—	—	—	Limited ³	—	Yes ⁴	Limited ⁵
Scheduler Application	Yes	—	—	Yes	—	—	—	—	—
Software Manager	Yes	—	—	—	—	—	—	—	—
System State Reports	Yes	—	—	—	—	—	—	—	—
TV Off Application	Yes	—	—	Yes	Yes	—	—	—	—
SSC Portal ⁶	—	—	—	—	—	—	Yes	—	—

1. Support users can set up TV control PINs and channel guides for suites.
2. Venue operators have script control only, and only for venues authorized by the administrator for that user.
3. Help Desk users can issue Get Status, Ping, Display IP, and Ping Test commands in the Management Dashboard.
4. Support users can issue Get Status, Ping, Display IP, Ping Test, TV On/Off, Set Display Input, Set Display Banner, Set Closed Captions, Set Video Channel, Cabling Test using TDR, and Show TDR Test Results commands.
5. Venue operators can view and monitor information on the Management Dashboard with read-only access to the venues for which permissions are granted. They also can issue Get Status, Ping, Display IP, and Query Syslog commands in the Management Dashboard for the DMPs in their authorized venues.
6. The SSC portal cannot be accessed directly from the Cisco StadiumVision Director main menu or Control Panel. Access to the user-specific portal is opened only by logging into Cisco StadiumVision Director as an SSC user.

