

# **DW**spectrum® IPVMS

Complete Scalable Video Management

State of the art hyper-optimized video management platform designed for ease, speed and efficiency.

## SETTING UP DW SPECTRUM® MEDIA SERVER

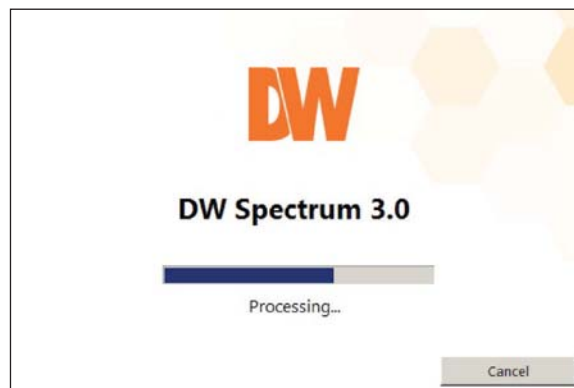
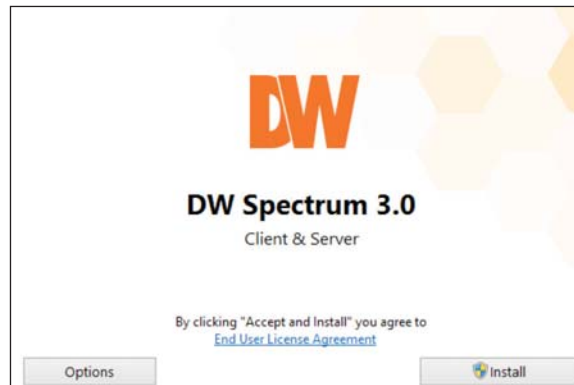


**Attention:** This document is intended to serve as a quick reference for initial set-up.  
See the DW Spectrum full manual for more information on features and functionality.

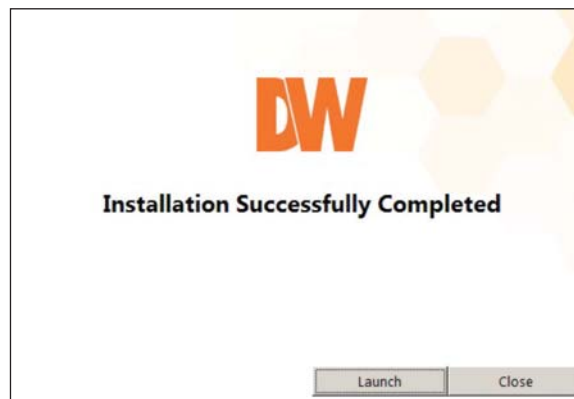
## A. NEW INSTALLATION OF SERVER AND CLIENT

**STEP 1:** Install DW Spectrum.

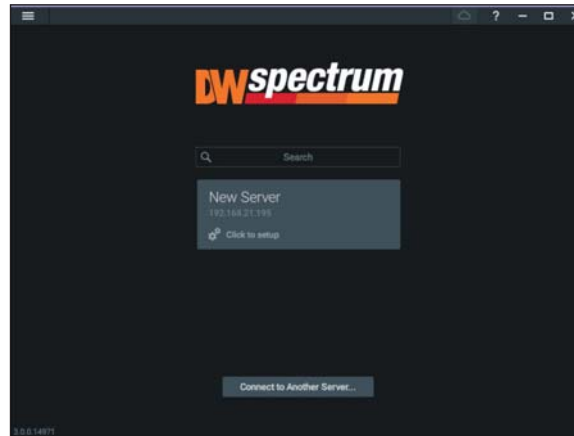
\* Installation file can be downloaded from <http://digital-watchdog.com/DW-Spectrum/>



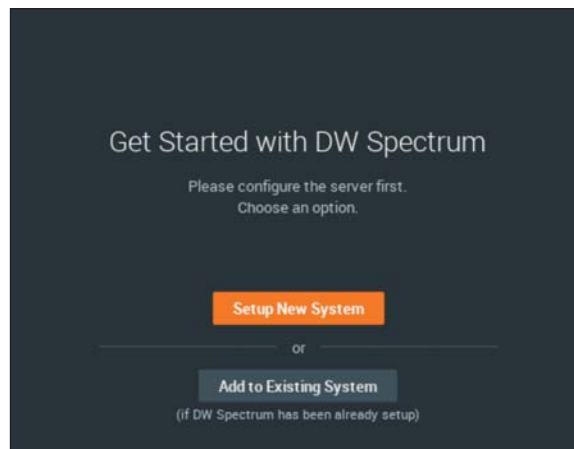
**STEP 2:** Click Launch to open DW Spectrum Client.



**STEP 3:** Click on the New Server box to setup the Spectrum Media Server for the first time.

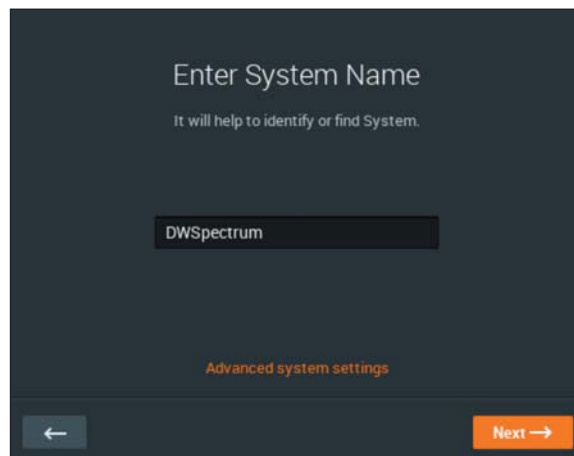


**STEP 4:** Click Setup New System.

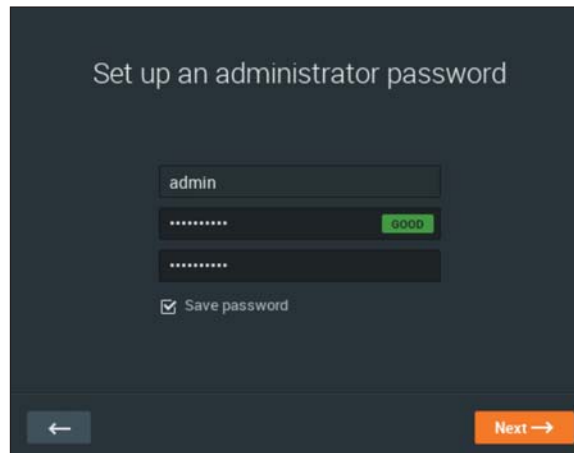
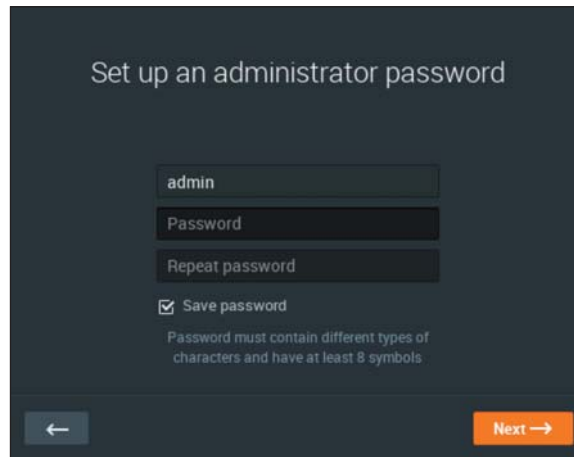


**STEP 5:** Enter the System Name to be used then click Next.

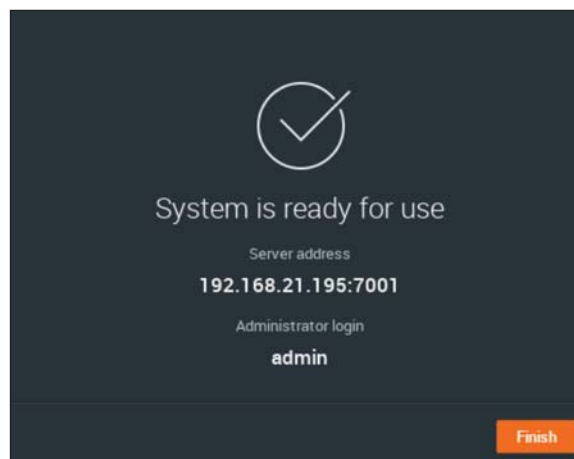
- \* System name is not the server name. Server name can be changed from the Spectrum client after installation.
- \* Click Advanced system settings if you want to disable Auto Discovery and Device Optimization.



**STEP 6:** Create password for the ADMIN account. Click Next to continue.

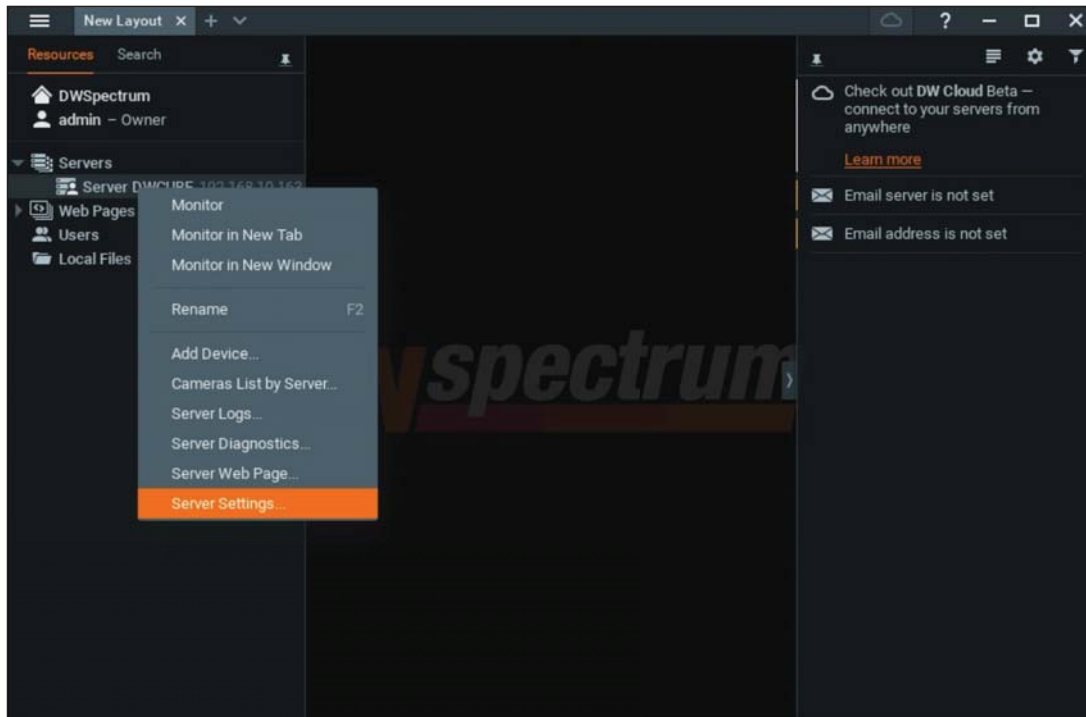


**STEP 7:** Click Finish to login to the System created from Step 5.

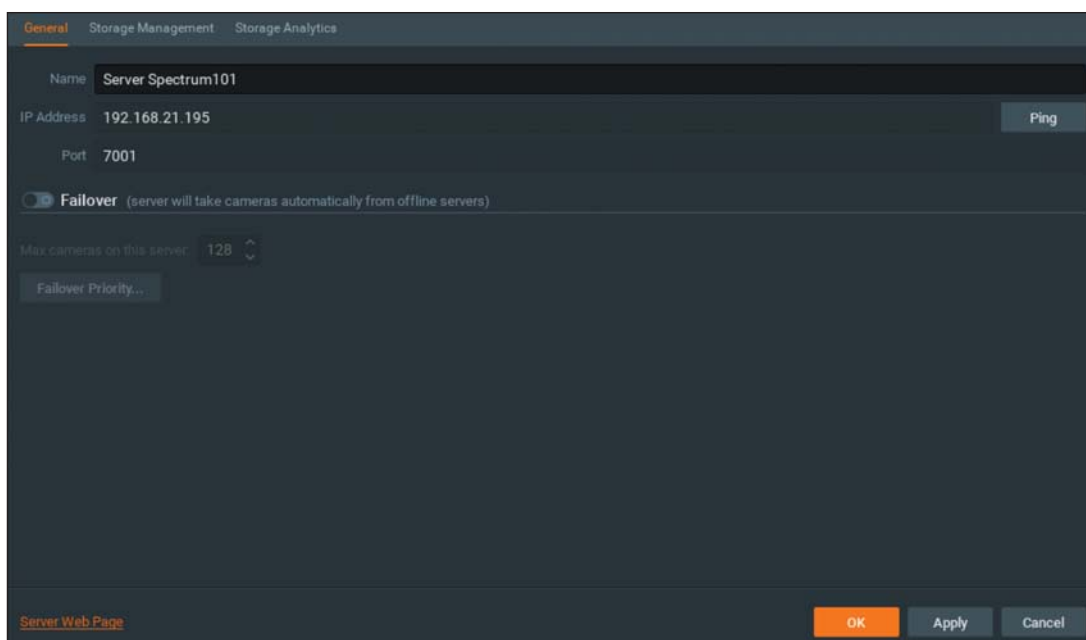


## B. TO RENAME THE SERVER

**STEP 1:** Right click on the server name listed on the Resources then click Server Settings.

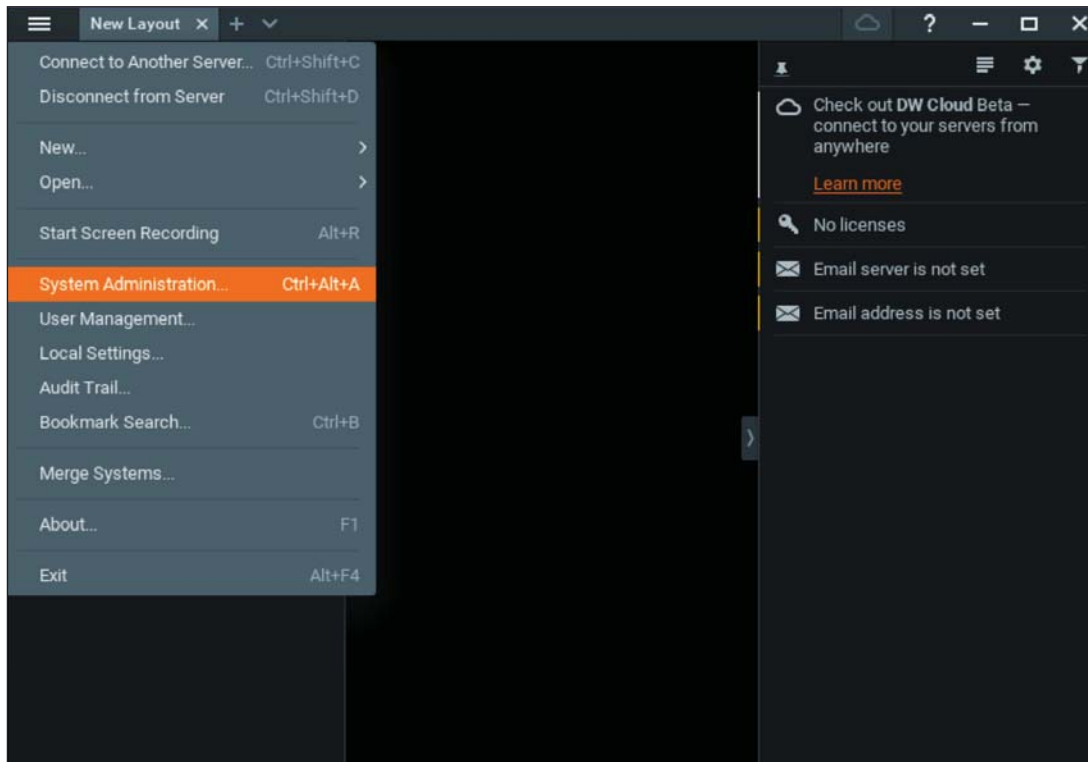


**STEP 2:** Go to General tab, then type in the new server name in the Name field and click OK.

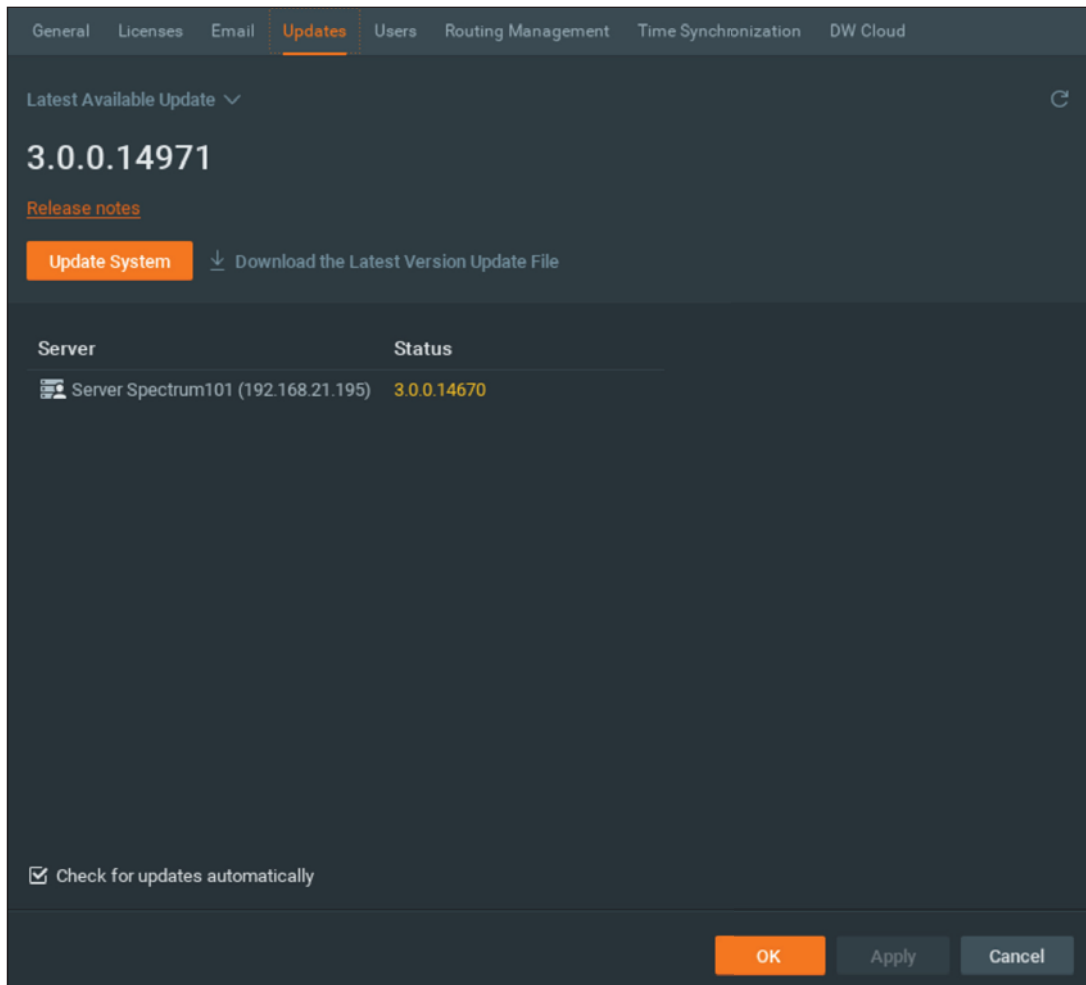


## C. TO CHECK FOR UPDATE

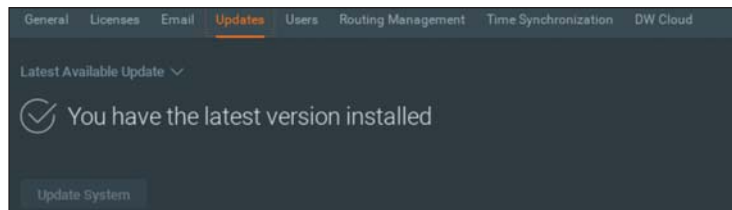
**STEP 1:** Click on the menu  then click System Administration.



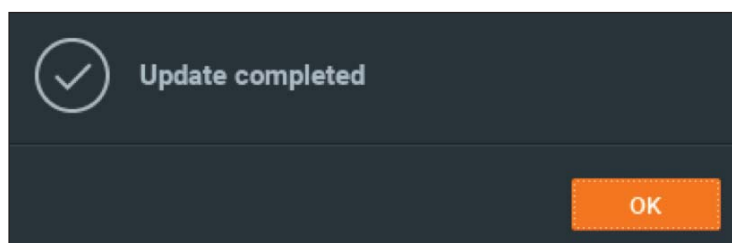
**STEP 2:** Go to Updates tab. Click Update System if turned orange.



\* If you are on the latest version, it will say “You have the latest version installed” and the Update System button will be greyed out.



**STEP 3:** Click OK when update is completed.



## D. ENTER LICENSE

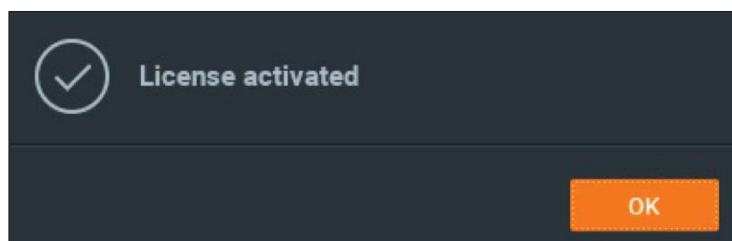
**STEP 1:** Go to System Administration then click License tab.

**STEP 2:** Enter License Key then click Activate License button. (Internet connection required)

\* Click on Activate Trial License if you have not purchased the valid license.

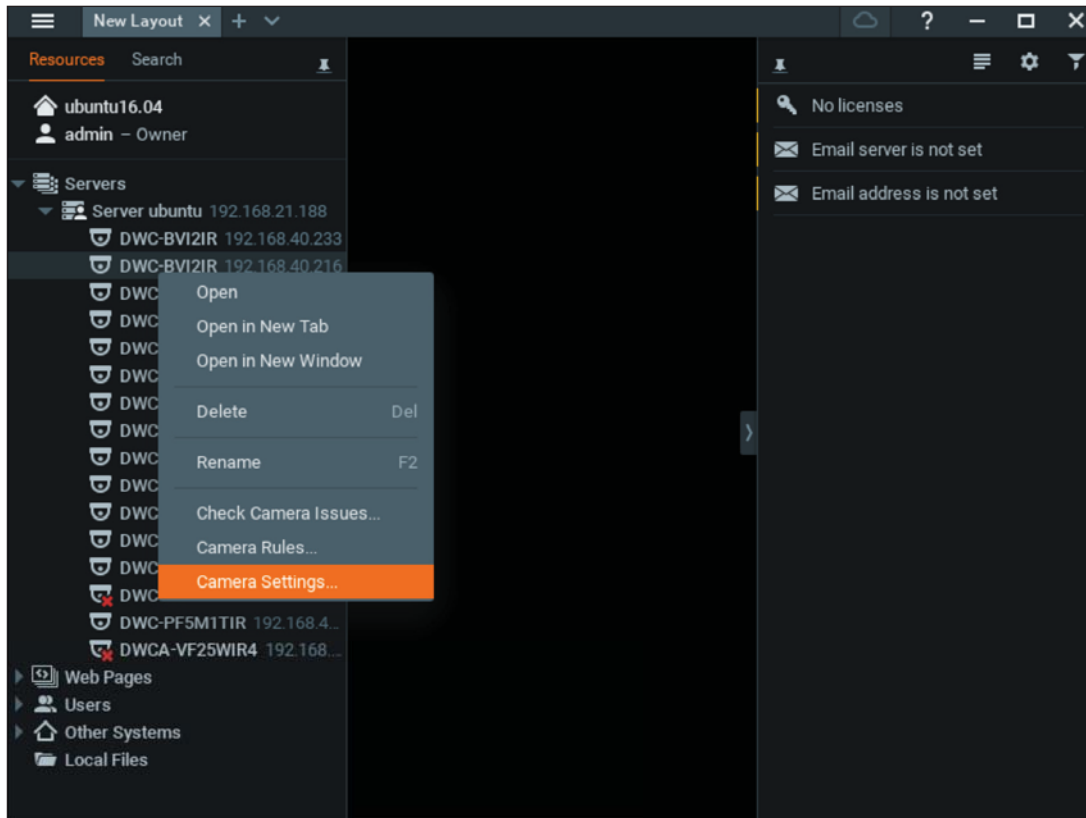
The screenshot shows the 'Licenses' tab in the system administration interface. A red banner at the top states: 'You do not have a valid license installed. Please activate your commercial or trial license.' Below this, the 'New License' section has two tabs: 'Internet Activation' (selected) and 'Manual Activation'. Under 'Internet Activation', there is a 'License Key' input field containing 'FADI-FHHF-9LCB-MXD0', a 'Paste from Clipboard' button, an orange 'Activate License' button, and a grey 'Activate Trial License' button. At the bottom right of the dialog are 'OK', 'Apply', and 'Cancel' buttons.

**STEP 3:** Click OK to when the License is activated.

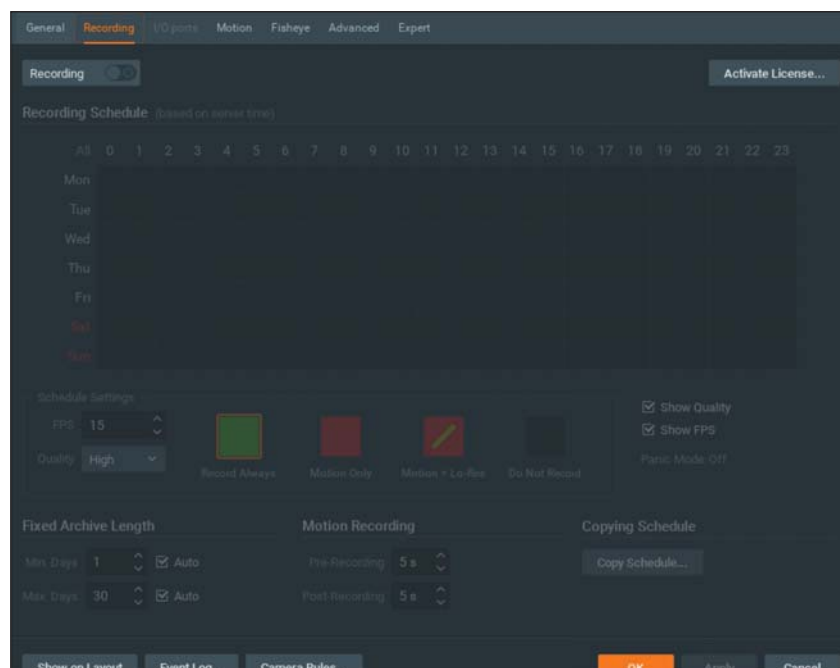


## E. CONFIGURE RECORDING

**STEP 1:** Right click on the camera to setup recording, then click Camera Settings.



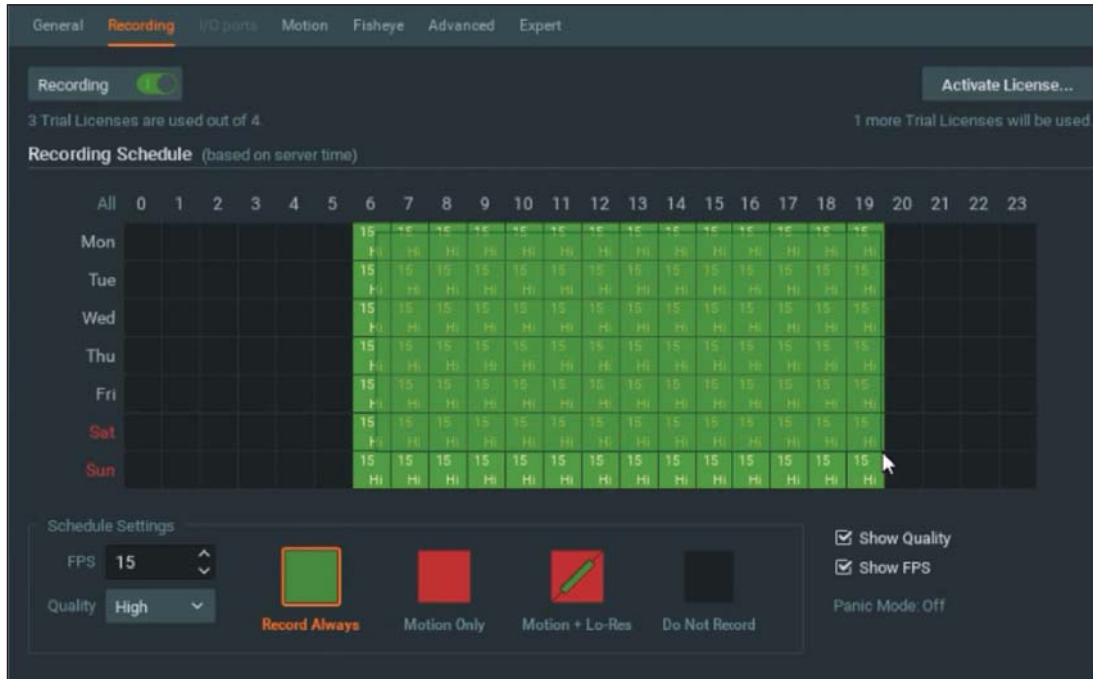
**STEP 2:** Go to Recordings tab.




**STEP 3:** Click  to turn on recording.

**STEP 4:** Configure Schedule Settings for Quality, FPS and Recording Type.

**STEP 5:** Click and drag mouse over the Recording Schedule to assign the recording setting.



General **Recording** I/O ports Motion Fisheye Advanced Expert


Recording  Activate License...


3 Trial Licenses are used out of 4 1 more Trial Licenses will be used





**Recording Schedule** (based on server time)

All	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Mon							15	15	15	15	15	15	15	15	15	15	15	15	15	15				
Tue							15	15	15	15	15	15	15	15	15	15	15	15	15	15				
Wed							15	15	15	15	15	15	15	15	15	15	15	15	15	15				
Thu							15	15	15	15	15	15	15	15	15	15	15	15	15	15				
Fri							15	15	15	15	15	15	15	15	15	15	15	15	15	15				
Sat							15	15	15	15	15	15	15	15	15	15	15	15	15	15				
Sun							15	15	15	15	15	15	15	15	15	15	15	15	15	15				

**Schedule Settings**

FPS: 15 

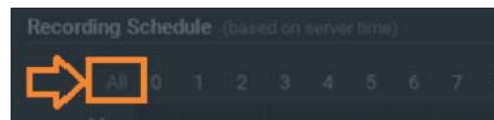
Quality: High 

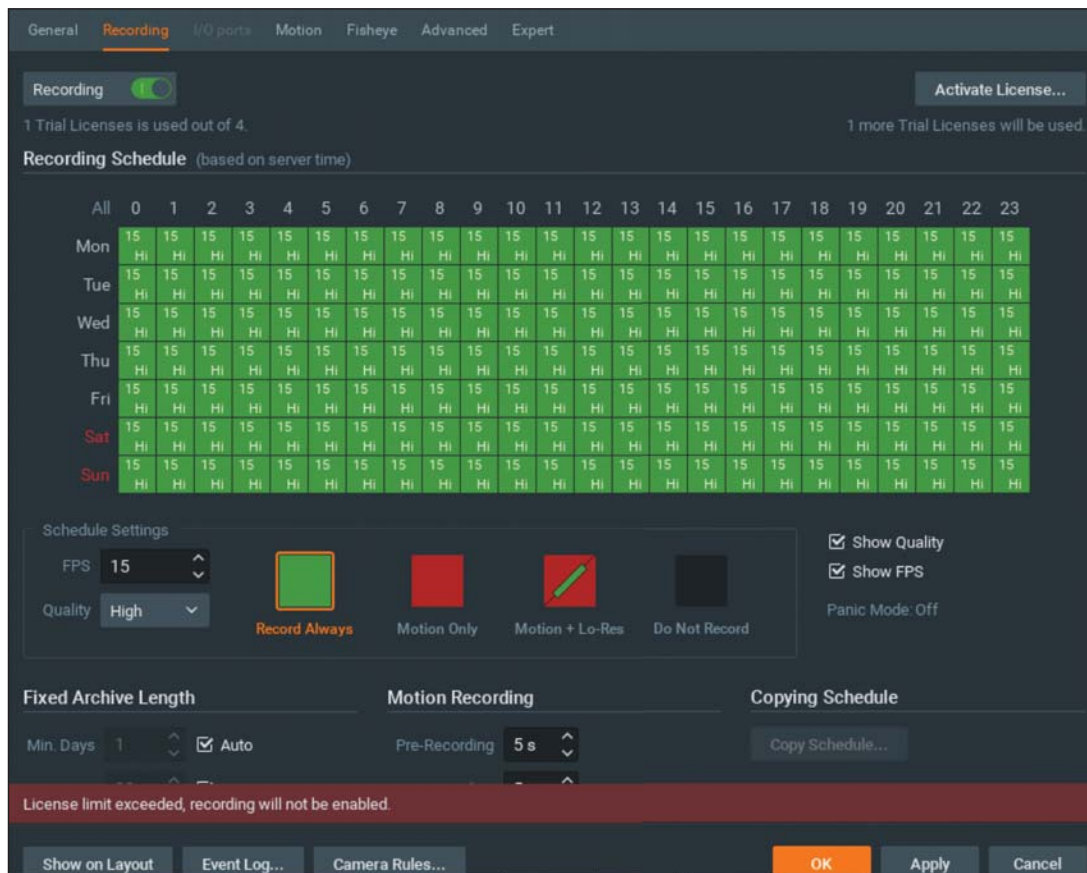
 **Record Always**  Motion Only  Motion + Lo-Res  Do Not Record

☒ Show Quality ☒ Show FPS

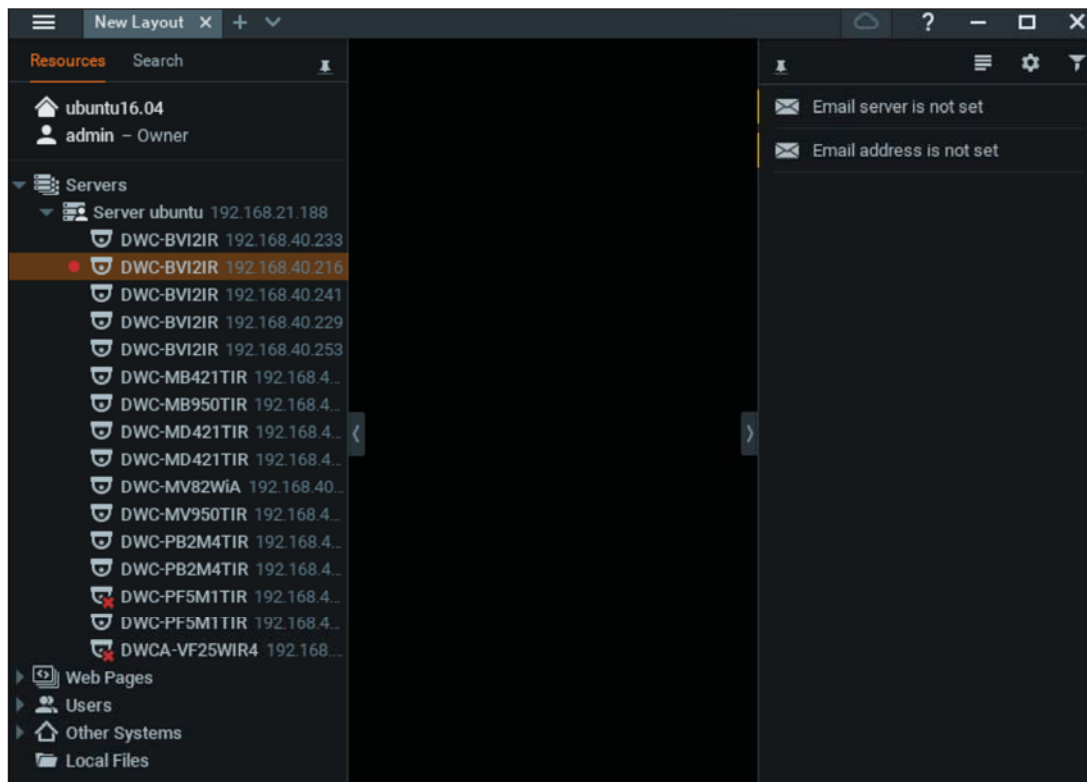
Panic Mode: Off

\* Click on All to apply to the all schedules.



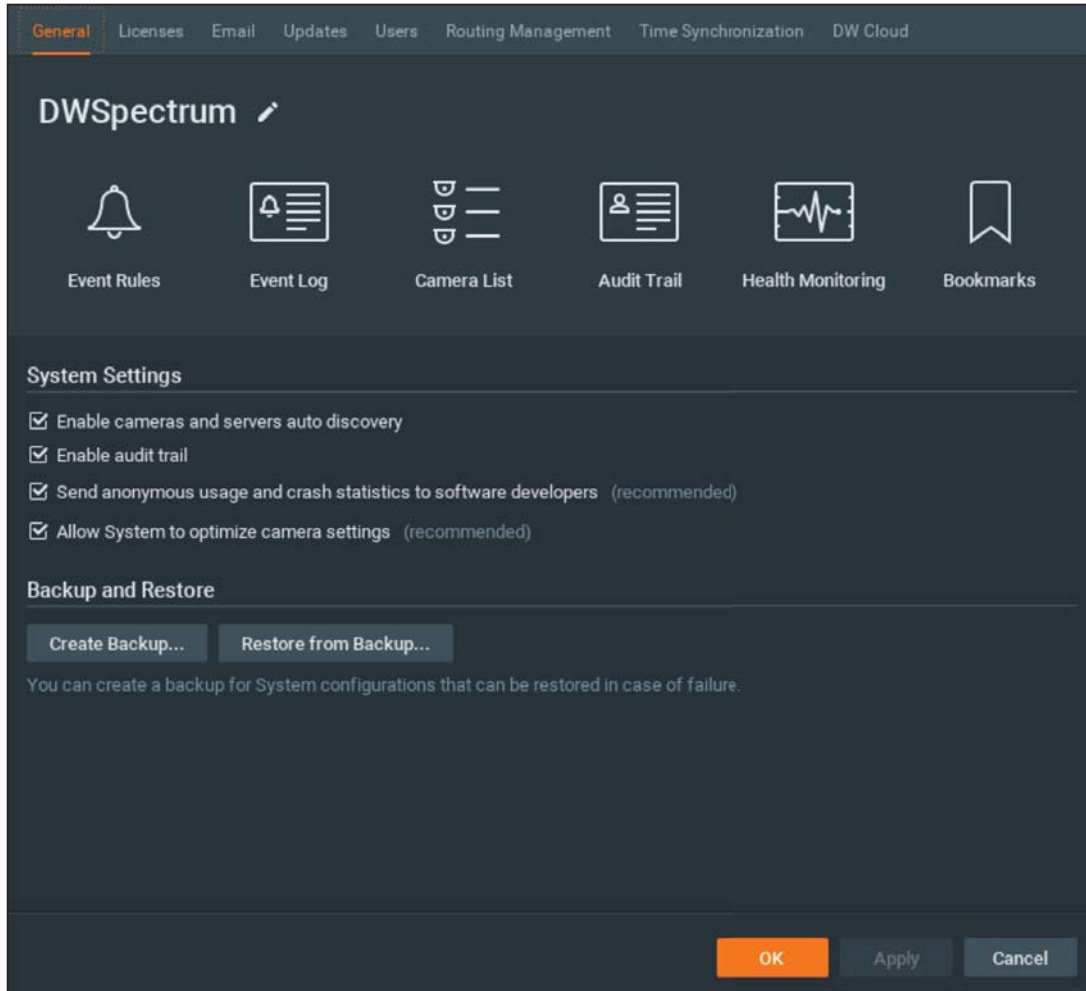


**STEP 6:** Red dot will appear next to the camera when the recording is started.



## F. BACKUPING DATABASE

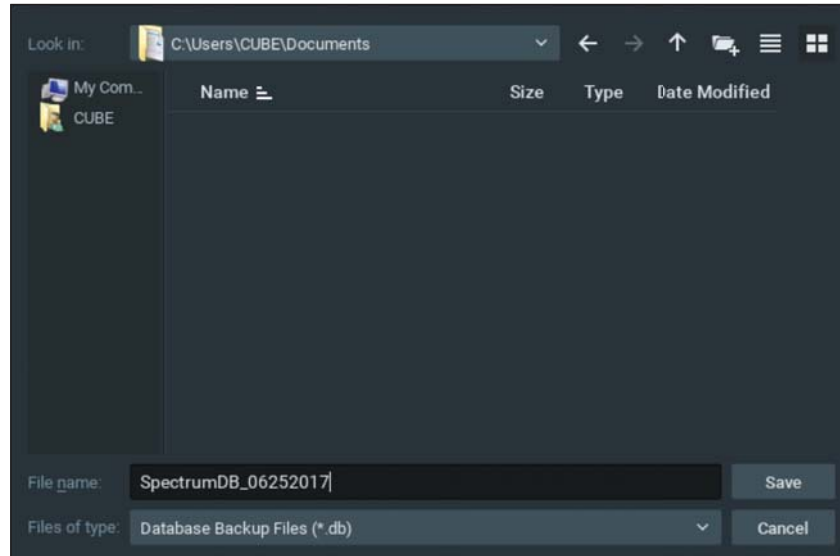
**STEP 1:** Go to System Administration and click General tab.



**STEP 2:** Click Create Backup... button.

**STEP 3:** Navigate to the folder where to save and enter name of the backup file then click save.

\* Strongly recommend to also backup to the external storage media.



**NOTE:** More information and instructions are available in the Spectrum 3.0 Manual.

## G. SETUP AND SHARING OF DW CLOUD™

DW Cloud™ makes it easy for you to give users with DW Spectrum® Client access to your DW Spectrum® IPVMS system.

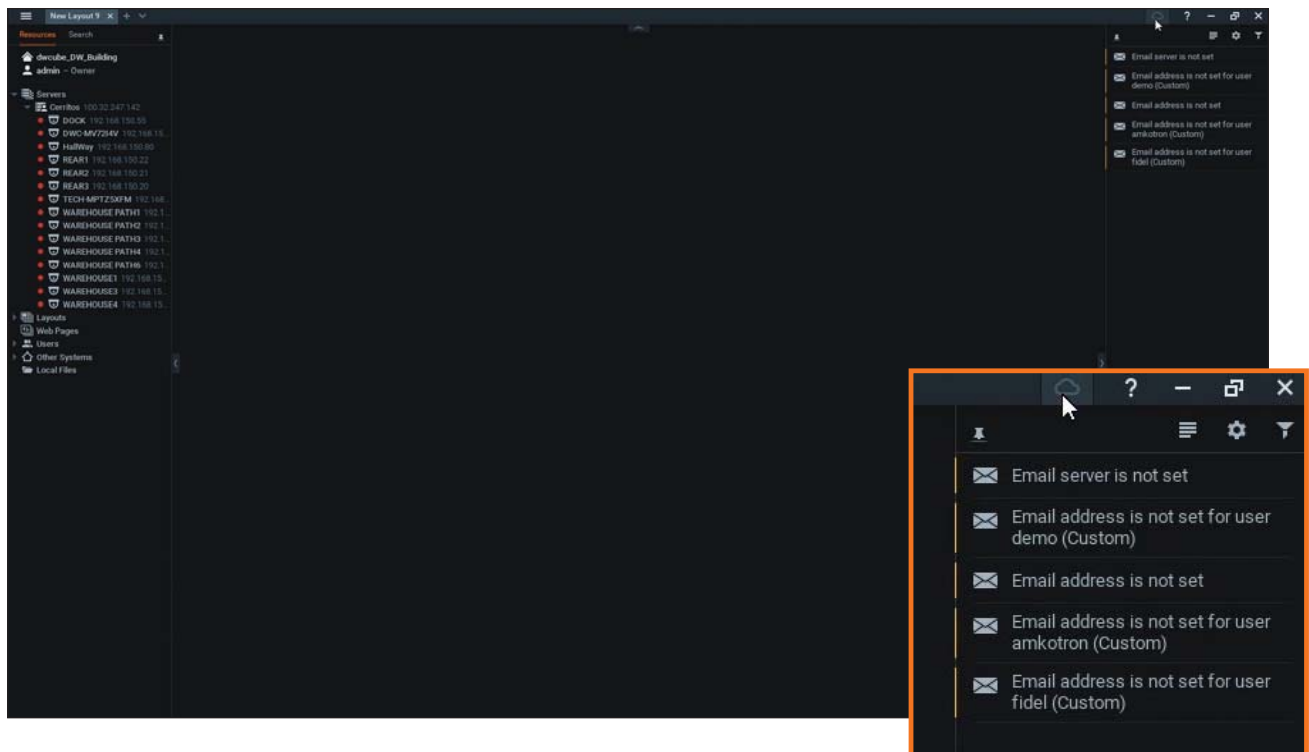
We are going to quickly show you how to:

1. Create a DW Cloud™ Account.
2. Connect your DW Spectrum® IPVMS System to you DW Cloud™ Account.
3. Invite a user to your DW Spectrum® IPVMS System using DW Cloud™.

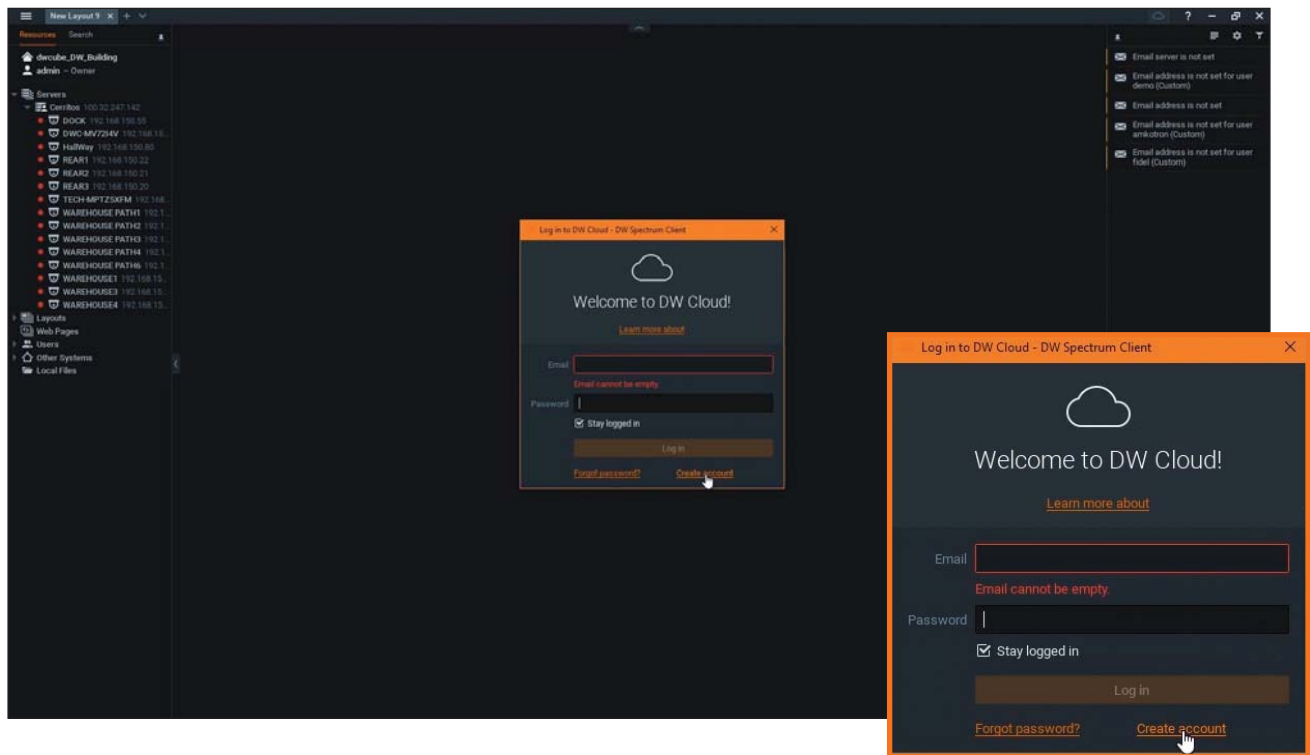
**NOTE:** DW Cloud™ is available in DW Spectrum® IPVMS Versions 3.0 and higher. Systems can only be shared by users with Admin access to a system.

### STEP 1: Create a DW Cloud™ Account

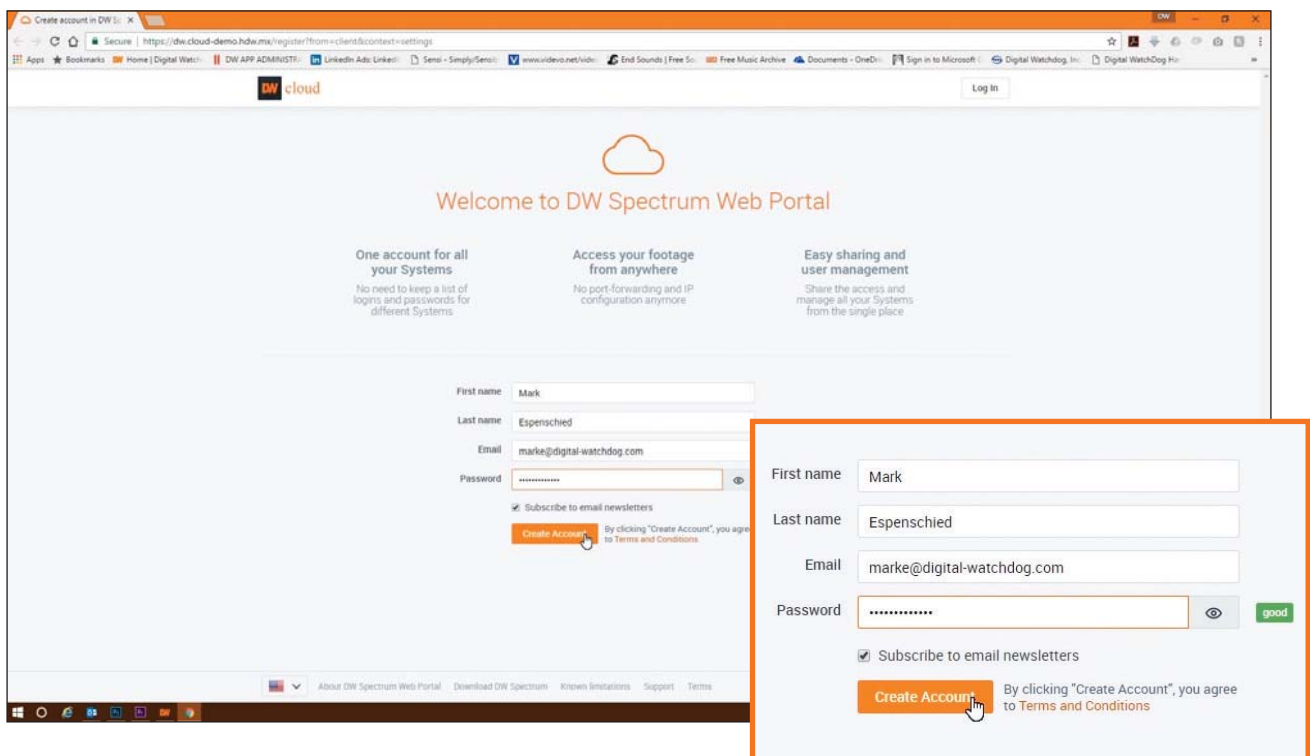
- a. Click on the DW Cloud™ symbol at the upper right of your DW Spectrum® Client



b. Another window opens. Click Create Account.

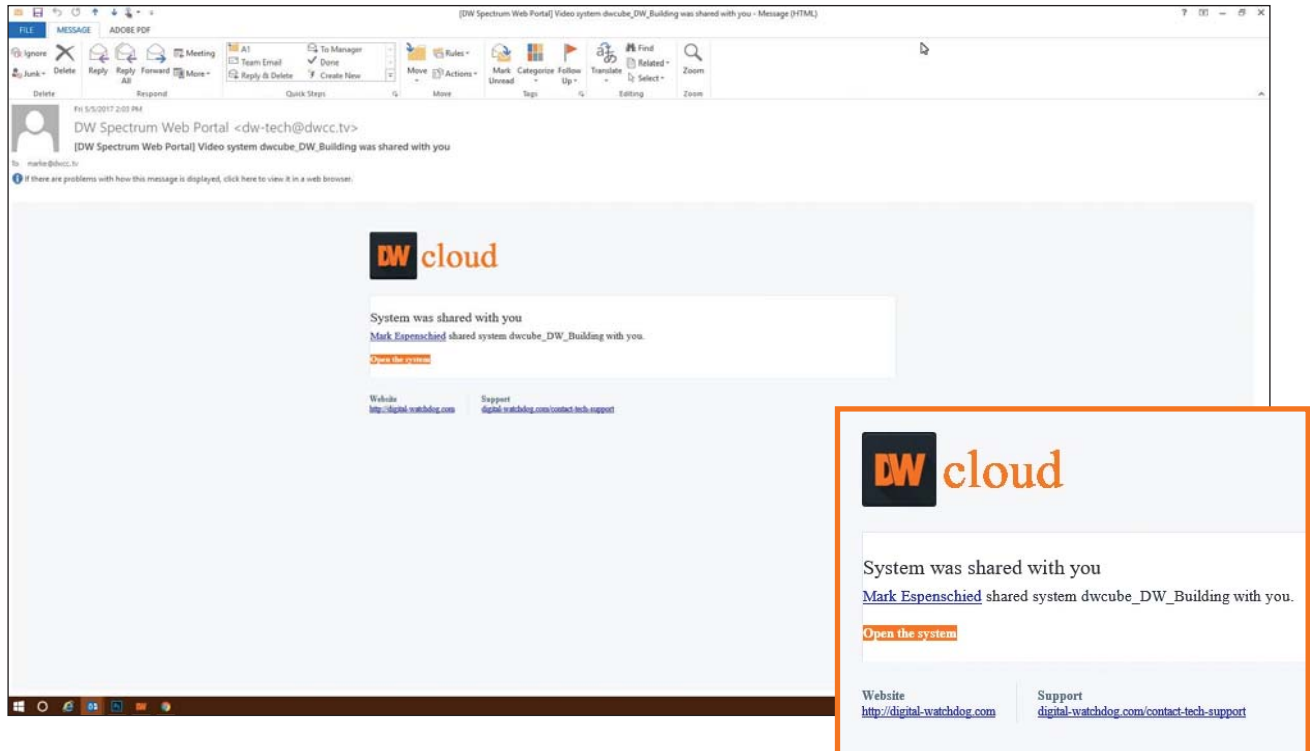


c. Your browser will open to the DW Cloud™ Portal. Enter your information and click Create Account.



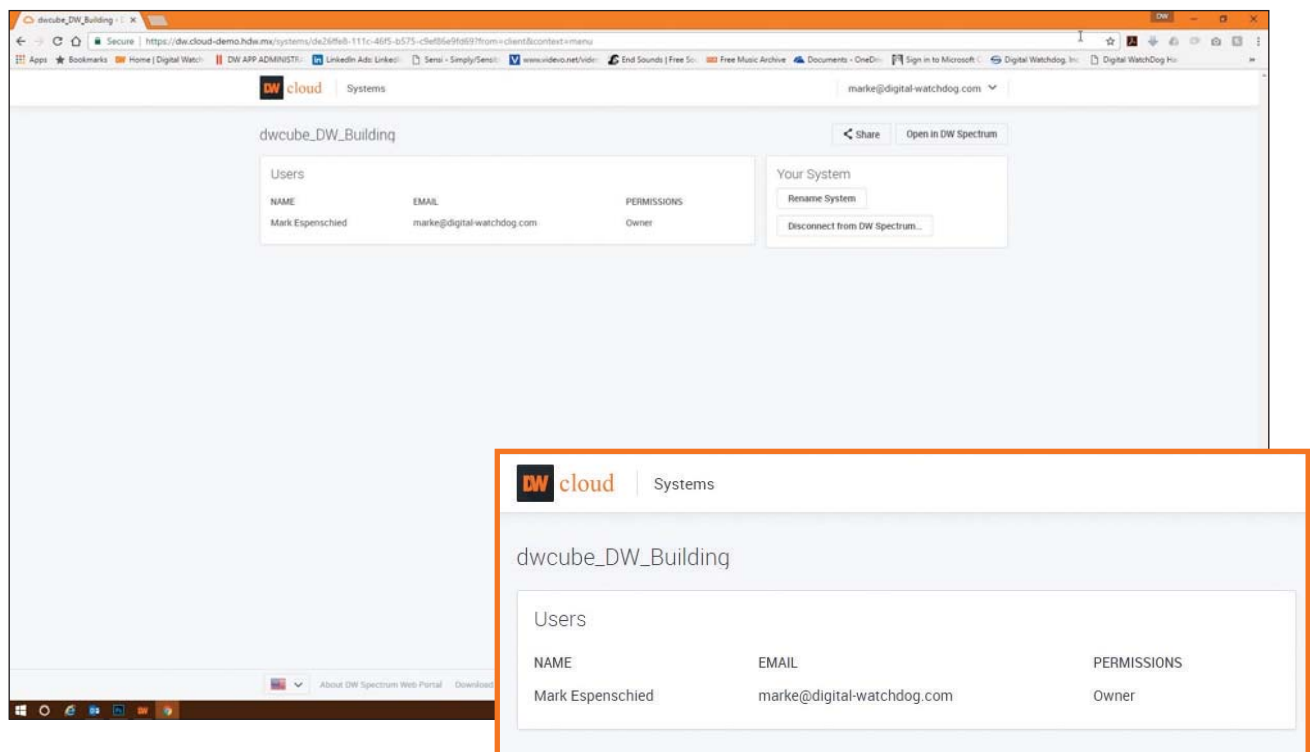
## STEP 2: DW Cloud™ Confirmation Email

- a. You will receive a confirmation email. Click Open the system.



## STEP 3: DW Cloud™ Shows Your Account

- a. The DW Cloud™ Portal again opens in your browser and your account is shown.

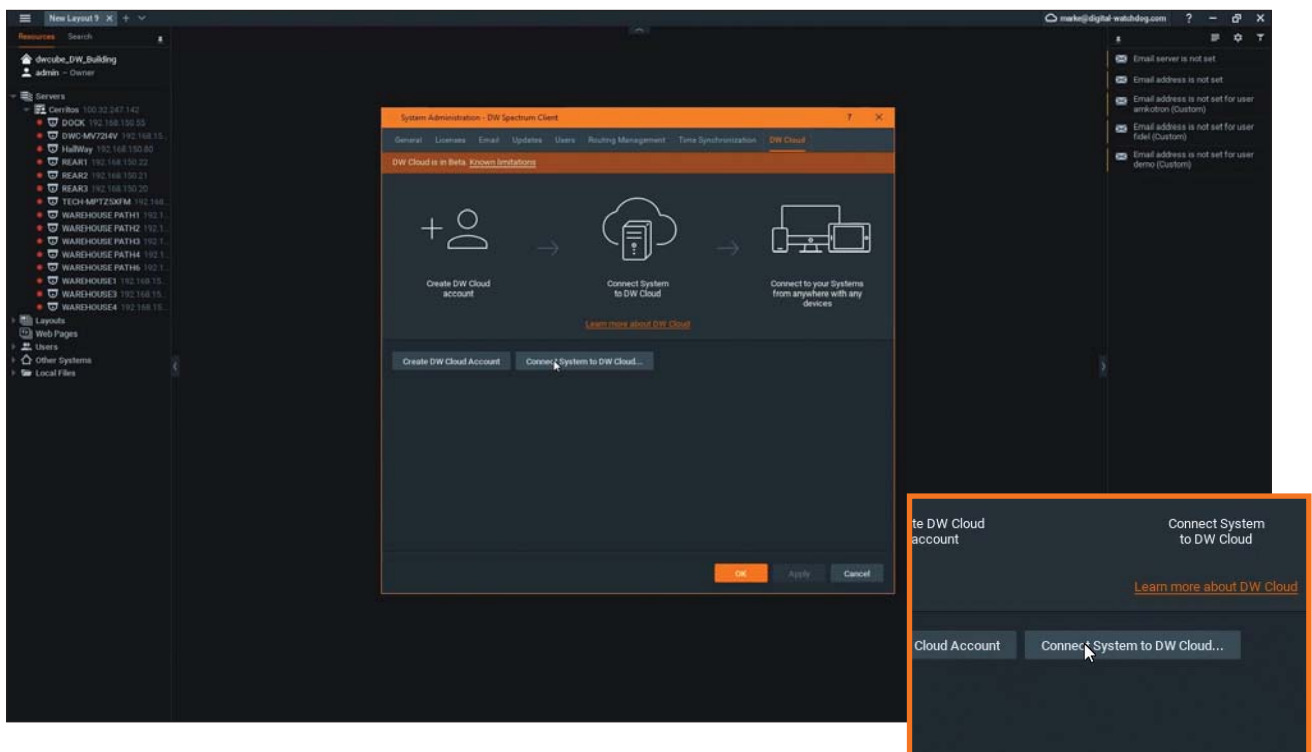


### STEP 4: Connect Your System to the DW Cloud™ Account

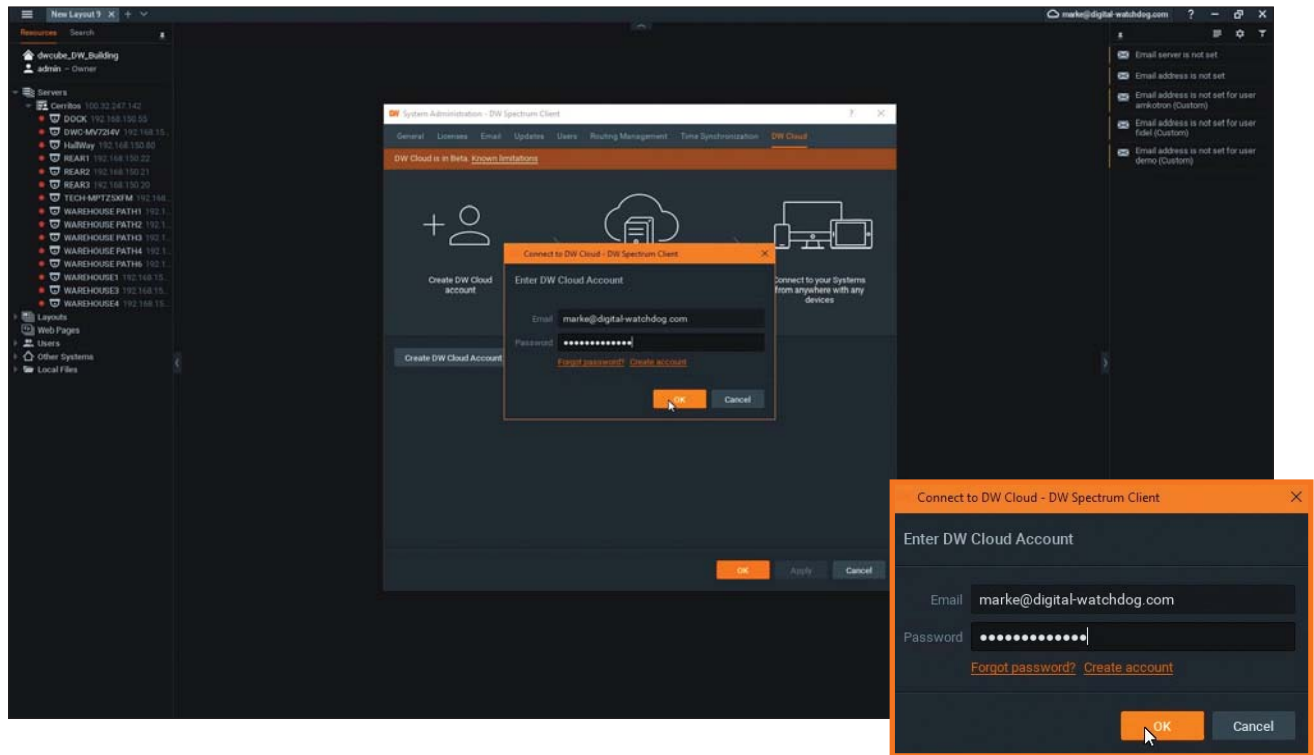
- a. With a DW Cloud™ account, you can connect your DW Spectrum® IPVMS to it. Click on System Administration in your Client.



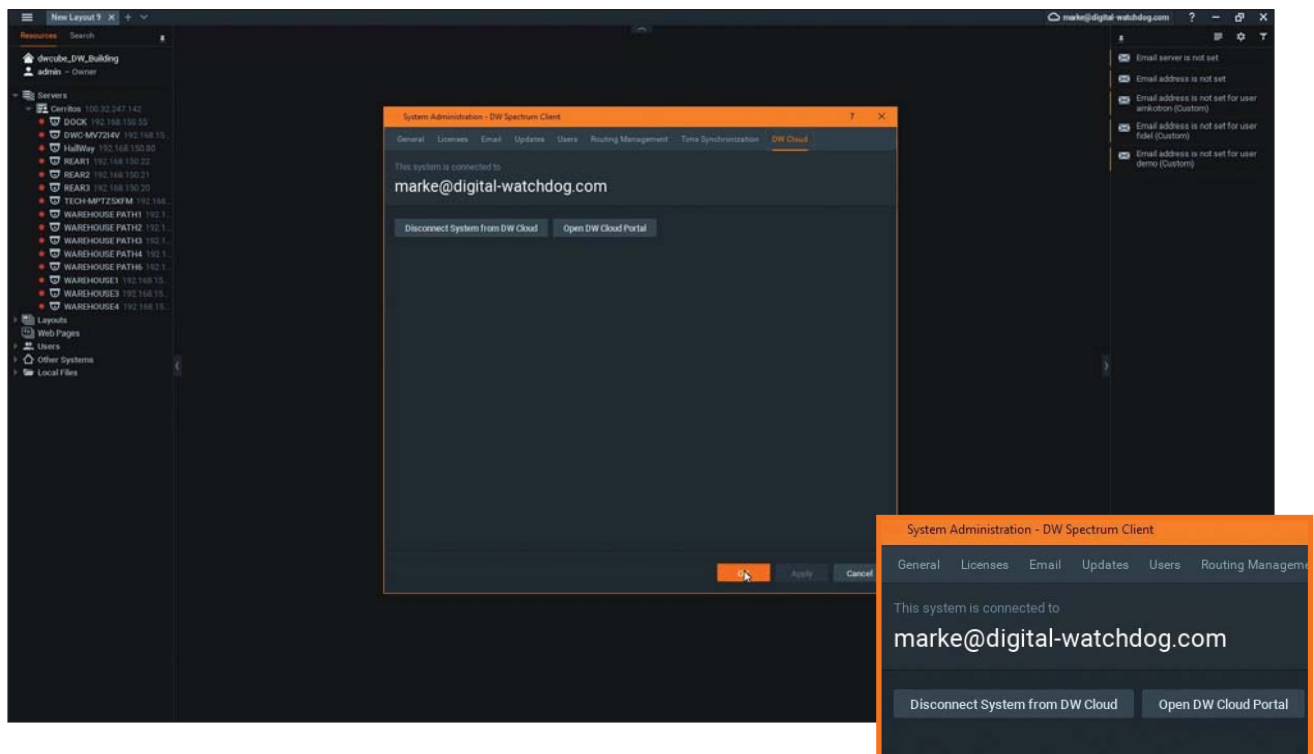
- b. Click on the DW Cloud™ tab and click Connect System to DW Cloud.



- c. Enter your DW Cloud™ account information and click OK.

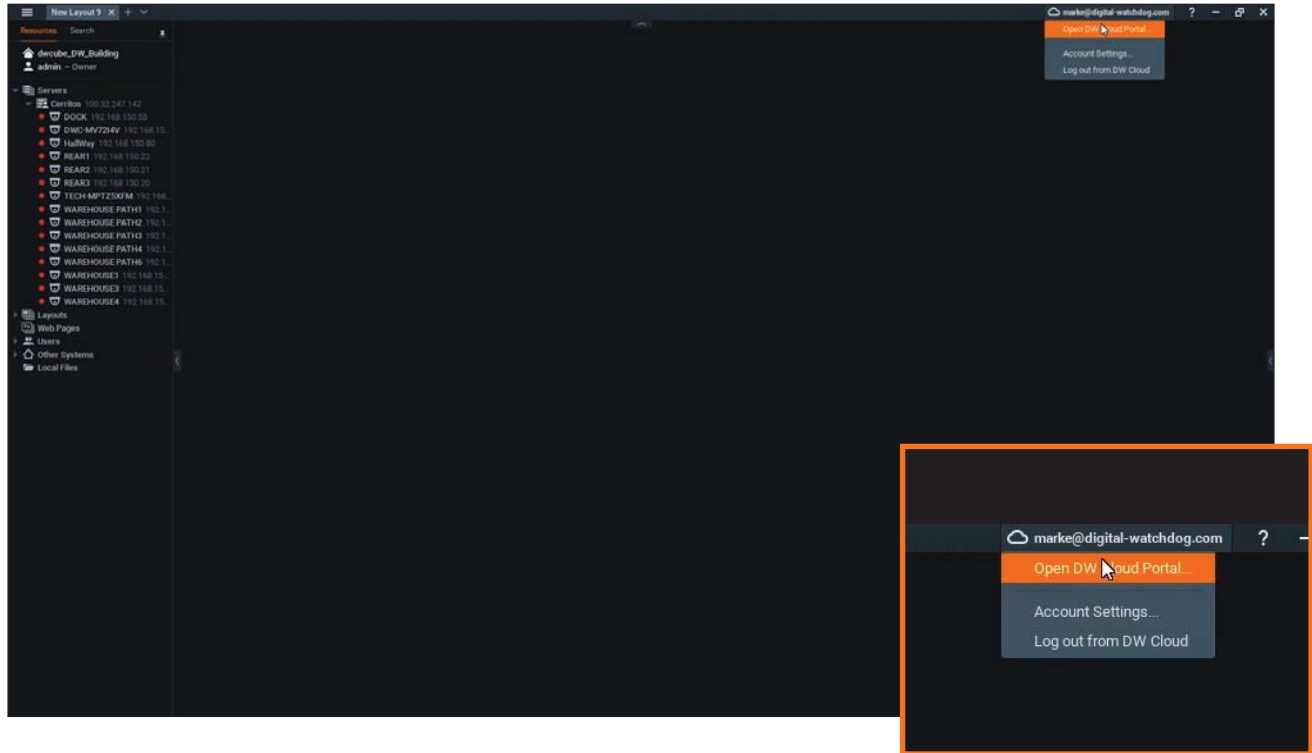


- d. Your DW Cloud™ account email address now shows that you have connected the system to you account.

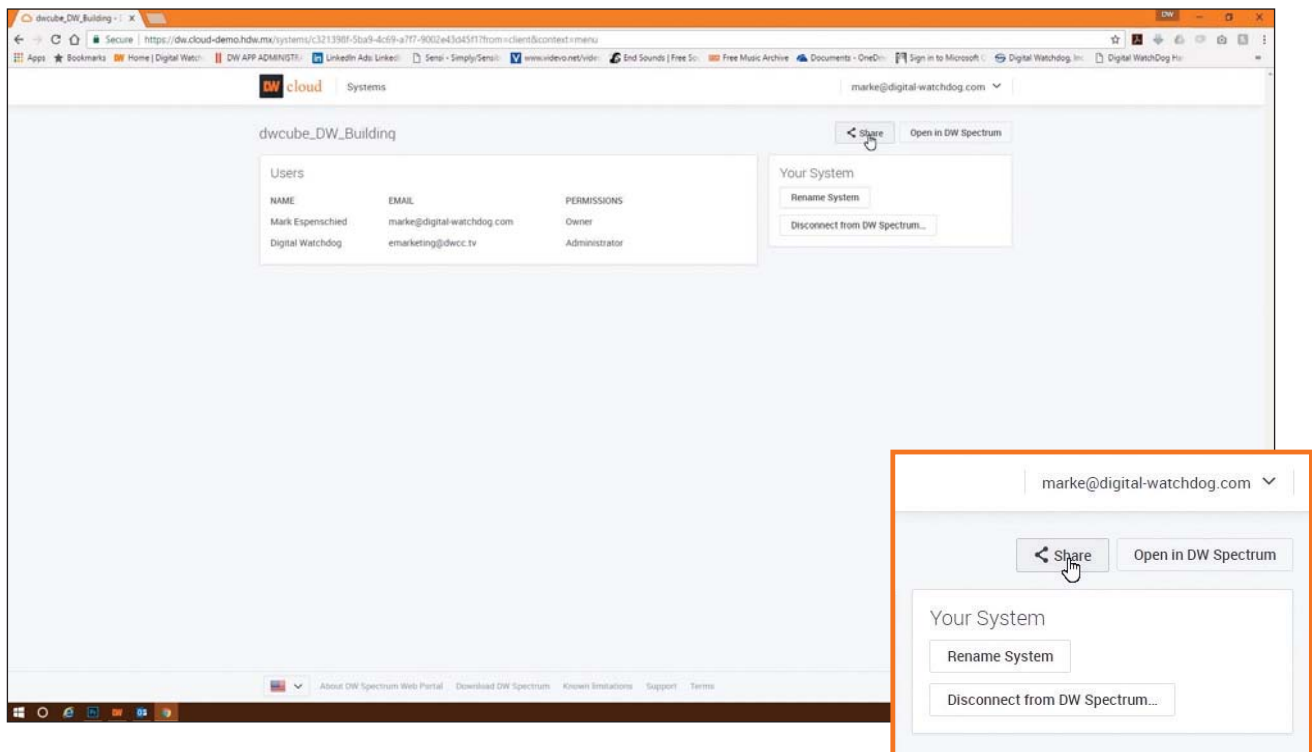


### STEP 5: Add a User Through DW Cloud™

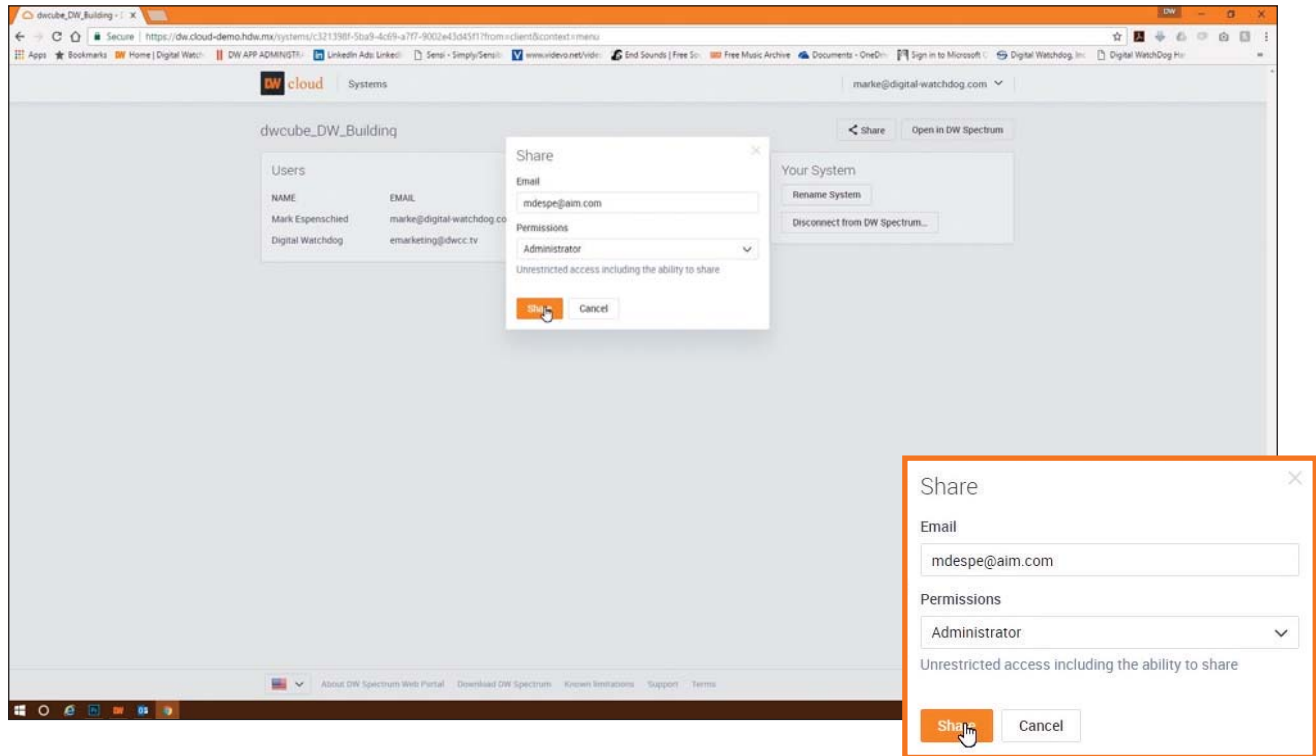
- a. Click on the DW Cloud™ icon at the upper right and choose Open DW Cloud Portal...



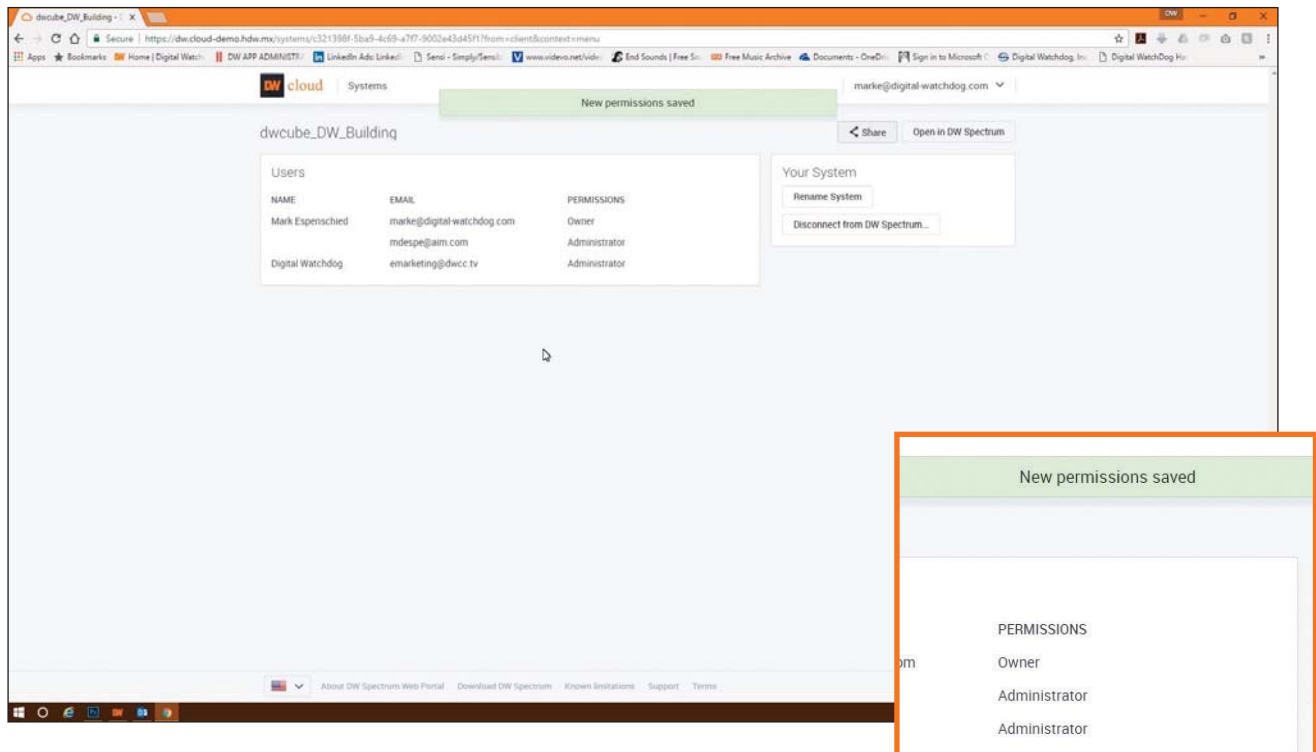
- b. The DW Cloud™ Portal opens in your browser. Click Share.



- c. Enter the email address and the Permission status for the person you are inviting to access your DW Spectrum® IPVMS system.

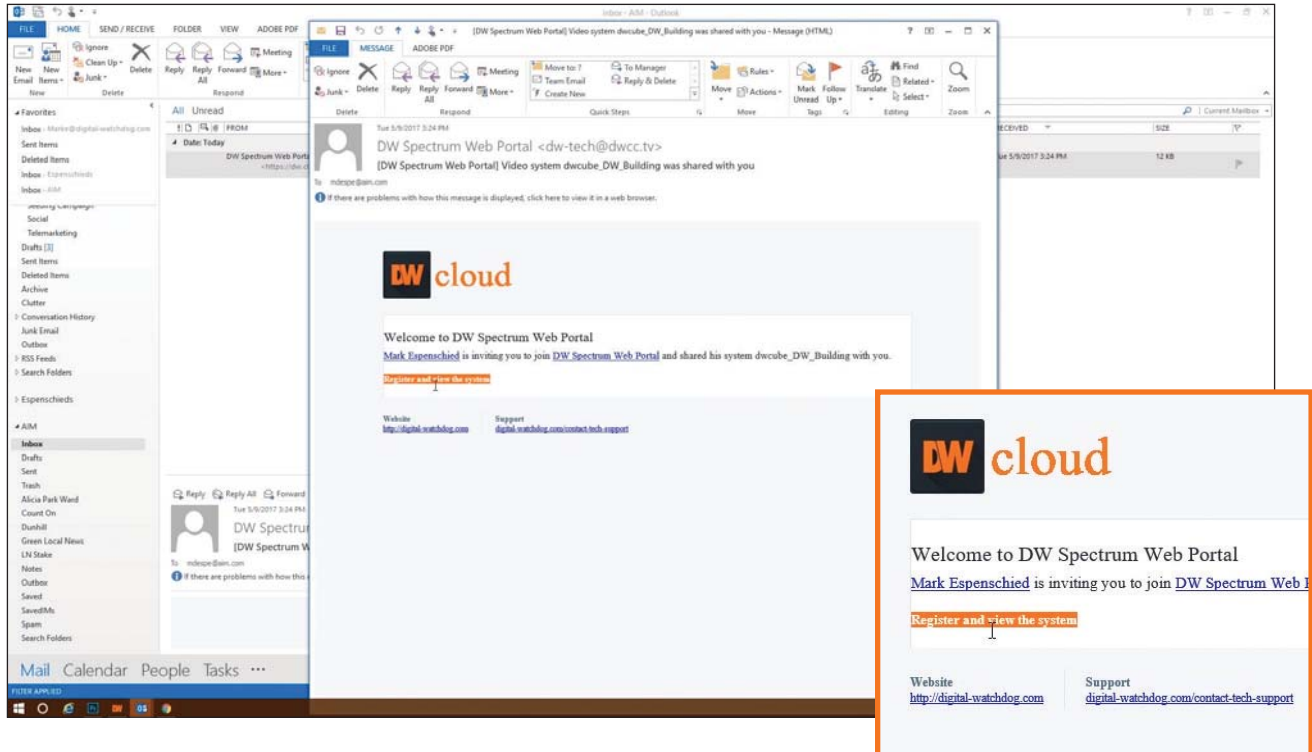


- d. You receive a confirmation that the invitation email has been sent.



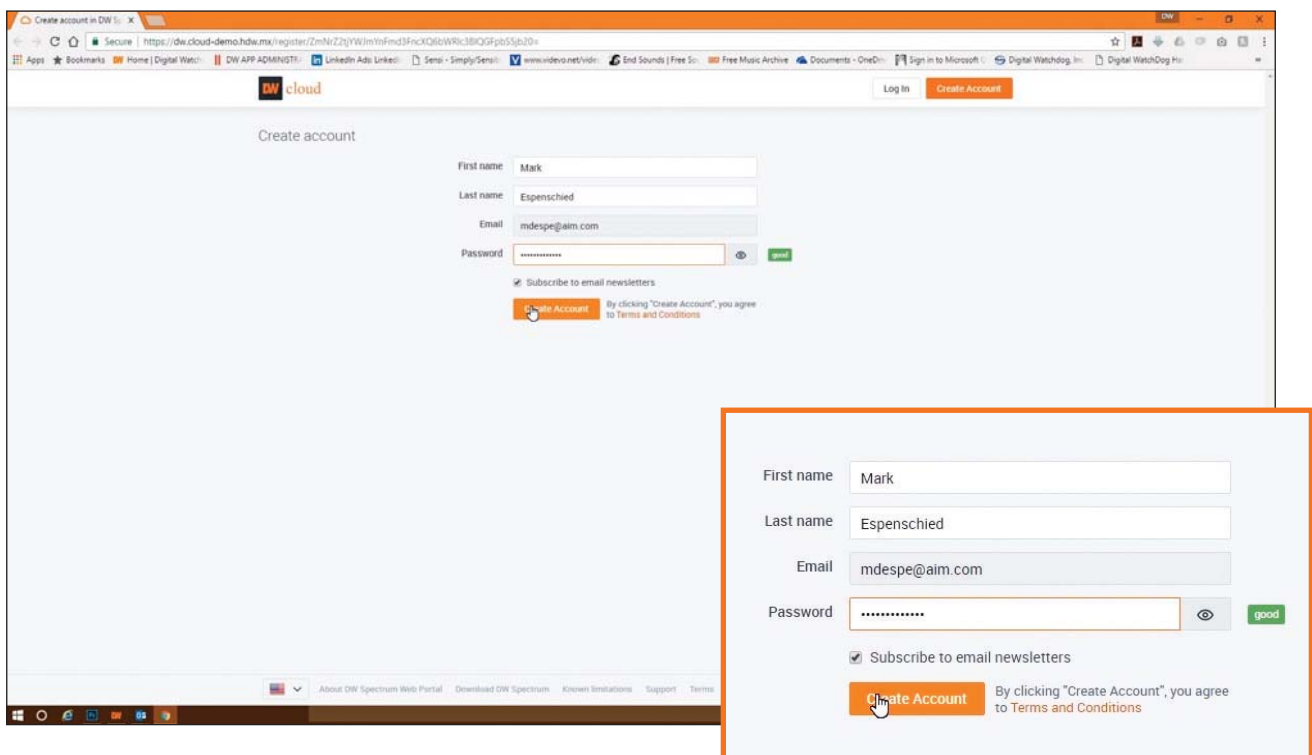
### STEP 6: The User Gets a DW Cloud™ Invitation Email

- The person you have invited receives an email and clicks on Register and view the system.

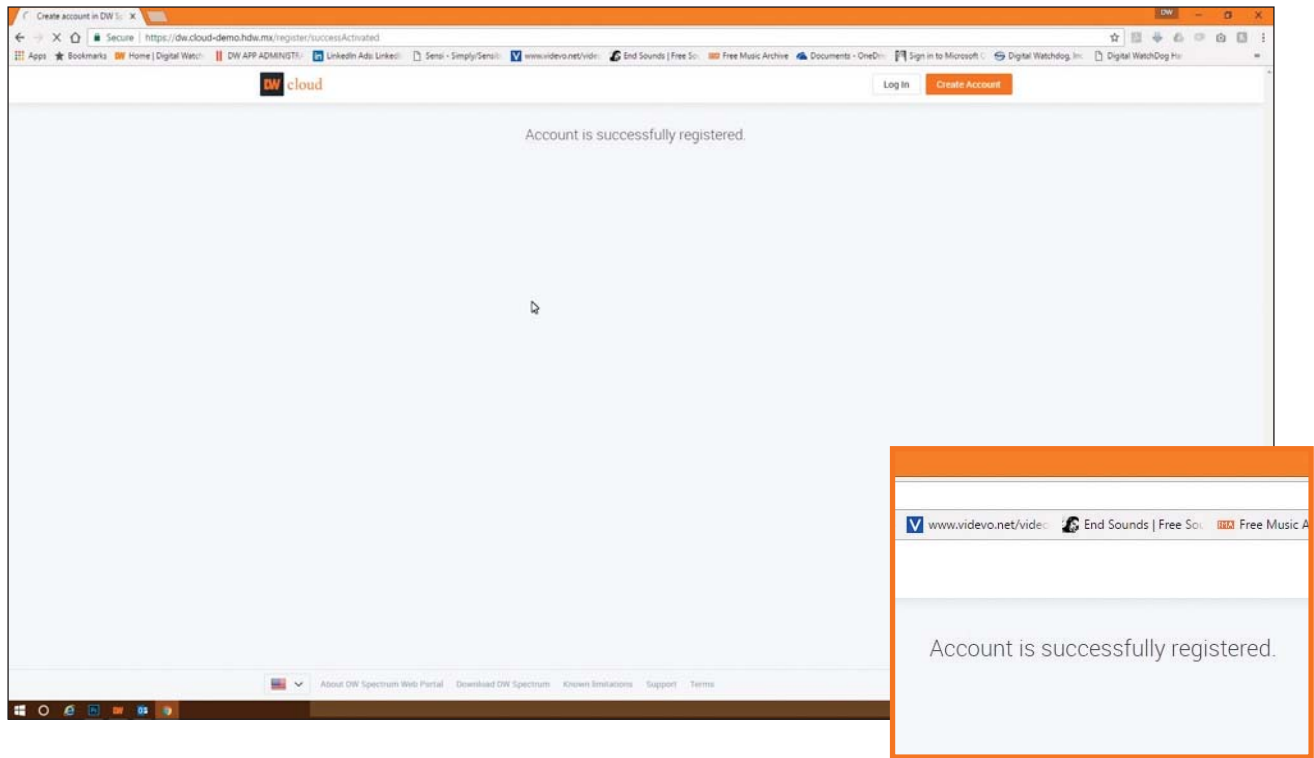


### STEP 7: The User Registers with DW Cloud™

- The person registers with his personal information and clicks Create Account.

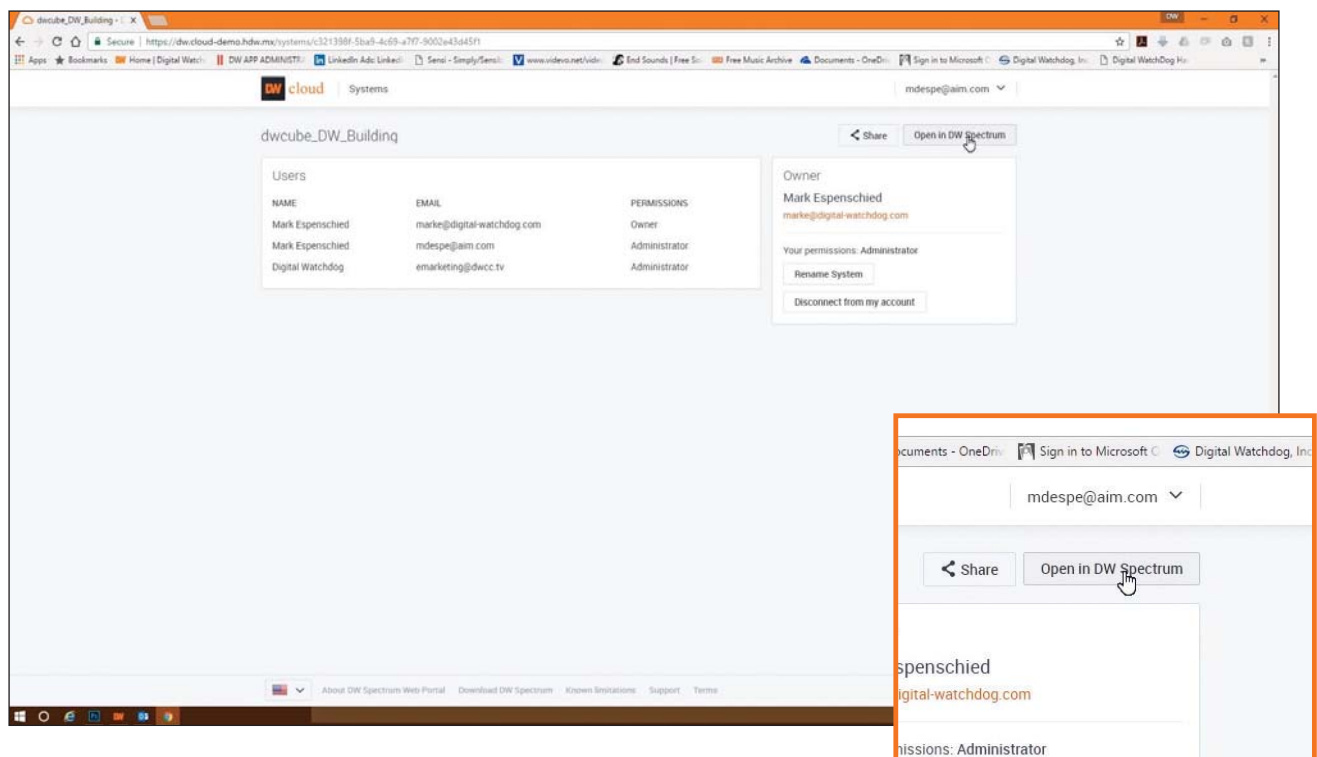


- b. The person receives a confirmation of registration.



## STEP 8: The User is Added to the System Through DW Cloud™

- a. The person now sees himself as a registered user of your DW Spectrum® IPVMS system and clicks Open in DW Spectrum.





### STEP 9: The User Opens the Client with His DW Cloud™ Account

- The person's DW Spectrum® IPVMS Client opens and his DW Cloud™ account email address is shown to signify his permission.



## SYSTEM REQUIREMENTS

### Recommended Specs for the Full Client

 <p>Windows 7</p>  <p>Linux OS</p>	Processor	Intel Core i5 or greater	
	Video Card	Intel HD Graphics 2500 (or higher) with 1GB Dedicated Memory	
	Resolution	1920 x 1080	
	RAM	4GB	
	NIC	10 / 100 / 1000 Base-T Ethernet	
	OS Supported – Media Server	Windows	7 Standard, 7 Pro, 7 Ultimate, 8/8.1 Pro, 8.1 Enterprise, 10 Pro/Enterprise
		Windows Servers*	Any versions of 2008, any versions of 2008 R2, any versions of Server 2012, any versions of Server 2012 R2
		Linux	Ubuntu 14.04, Ubuntu 16.04
	OS Supported – Client	Windows	7 Home, 7 Standard, 7 Pro, 7 Ultimate, 8/8.1 Standard, 8/8.1 Pro, 8.1 Enterprise, 10 Home/Pro/Enterprise**
		Windows Servers*	Any versions of 2008, any versions of 2008 R2, any versions of Server 2012, any versions of Server 2012 R2
		Linux	Ubuntu 14.04, Ubuntu 16.04
		Mac	OSX 10.11, OSX 10.12

\* Except Storage Server version

\*\* For Windows 10, recommend 6th Generation Intel i3/i5/i7 processors with 16GB RAM and video card with 1GB or higher RAM

**Important:** OS not listed will not be supported by DW™ Tech Support

Tel: +1 (866) 446-3595  
Fax: (813) 888-9262

**DW DIGITAL WATCHDOG**  
Complete Surveillance Solutions

www.digital-watchdog.com  
sales@dwcc.tv