

**IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF TEXAS  
MARSHALL DIVISION**

ROTHSCHILD BROADCAST	§	
DISTRIBUTION SYSTEMS, LLC	§	
	§	
Plaintiff,	§	Case No:
	§	
vs.	§	PATENT CASE
	§	
CENTURYLINK, INC.	§	
	§	
Defendant.	§	
	§	

**COMPLAINT**

Plaintiff Rothschild Broadcast Distribution Systems, LLC (“Plaintiff” or “RBDS”) files this Complaint against CenturyLink, Inc. (“Defendant” or “CenturyLink”) for infringement of United States Patent No. 8,856,221 (hereinafter “the ‘221 Patent”).

**PARTIES AND JURISDICTION**

1. This is an action for patent infringement under Title 35 of the United States Code. Plaintiff is seeking injunctive relief as well as damages.
2. Jurisdiction is proper in this Court pursuant to 28 U.S.C. §§ 1331 (Federal Question) and 1338(a) (Patents) because this is a civil action for patent infringement arising under the United States patent statutes.
3. Plaintiff is a Texas limited liability company with an office at 1400 Preston Road, Suite 400, Plano, Texas 75093.
4. On information and belief, Defendant is a Louisiana corporation, with its principal place of business at 100 Centurylink Drive, Monroe, LA 71203-2041.
5. On information and belief, this Court has personal jurisdiction over Defendant

because Defendant has committed, and continues to commit, acts of infringement in this District, has conducted business in this District, and/or has engaged in continuous and systematic activities in this District.

6. On information and belief, Defendant's instrumentalities that are alleged herein to infringe were and continue to be used, imported, offered for sale, and/or sold in this District.

### **VENUE**

7. Venue is proper in this District pursuant to 28 U.S.C. § 1400(b) because acts of infringement are occurring in this District and Defendant has a regular and established place of business in this District. For example, Defendant has a regular and established place of business at 6801 Gaylord Pkwy #300, Frisco, TX 75034. On information and belief, Defendant has other regular and established places of business in this District.

### **COUNT I** **(INFRINGEMENT OF UNITED STATES PATENT NO 8,856,221)**

8. Plaintiff incorporates paragraphs 1-7 herein by reference.

9. This cause of action arises under the patent laws of the United States and, in particular, under 35 U.S.C. §§ 271, et seq.

10. Plaintiff is the owner by assignment of the '221 Patent with sole rights to enforce the '221 Patent and sue infringers.

11. A copy of the '221 Patent, titled "System and Method for Storing Broadcast Content in a Cloud-based Computing Environment," is attached hereto as Exhibit A.

12. The '221 Patent is valid, enforceable, and was duly issued in full compliance with Title 35 of the United States Code.

13. Upon information and belief, Defendant has infringed and continues to infringe one or more claims, including at least Claim 1, of the '221 Patent by making, using, importing,

selling, and/or offering for media content storage and delivery systems and services covered by one or more claims of the '221 Patent.

14. Defendant sells, offers to sell, and/or uses media content storage and delivery systems and services, including, without limitation, the CenturyLink Smart Home system, and any similar products ("Product"), which infringes at least Claim 1 of the '221 Patent.

15. The Product is a system for media content storage and delivery (e.g. videos captured from security cameras can be stored and delivered to a smartphone or other device). The Product necessarily includes at least one server for hosting and storing media content for customers. For example, the Product necessarily includes at least one server to store recorded security videos. Certain aspects of these elements are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein.

**Cameras**


Displays live video and recent video clips and pictures from the cameras installed in your home.

**To view individual pictures or video clips:**

1. Click any picture or video clip from the camera you want to see (video clips have the < add video film icon > in the top left corner).
2. In the large view, click [**< Older**] to view the previous picture or video clip.
3. Click [**Newer >**] to view the next picture or video clip.
4. Use the buttons at the bottom of the screen to delete the picture or clip, email the clip, save it to your computer, and more.

**To view live video:**

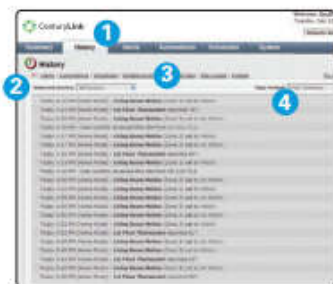
1. Click [**Live Video**]. A new window will appear with the requested video.
2. If you have more than one camera connected to your system, click Large View above one of the video screens to control the respective camera.
3. Click [**Take Picture**] to capture a still image. You can access the new image in the Cameras section of the Summary Page.
4. Click [**Capture Clip**] to take and save a short video. You can access the new video clip in the Cameras section of the Summary Page.



The image contains three screenshots of a web interface. The top screenshot shows a 'Cameras' dashboard with a grid of camera thumbnails. The middle screenshot shows a large live video feed of a doorway. The bottom screenshot shows a control bar with buttons for 'Take Picture' and 'Capture Clip', along with navigation arrows. Red boxes highlight specific text and buttons in the interface.

<http://www.centurylink.com/assets/pdfs/Smart Home Complete User Guide.pdf>

### History Tab

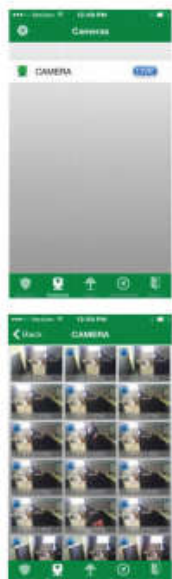


View details of actions the security system has taken during the past 24 hours, or as far back as 30 days.

1. Click the History tab.
2. Click **[Selected Device]** to narrow your view to a certain device.
3. Select an action from the top menu to narrow the history down further.
4. Click **[Time Period]** to change the time period of activities that are displayed.

<http://www.centurylink.com/assets/pdfs/Smart Home Complete User Guide.pdf>

## Android/ iPhone® / iPad® Access



### Cameras

The first time you tap **[Cameras]**, the Camera screen appears and lists all installed and available cameras at your site. Here you can:

1. Tap **[Live]** next to any camera to display live video from the camera.
2. Tap the name of any camera to view thumbnails of the pictures and video clips captured by that camera.
3. Search through recent thumbnails and video clips by tapping **[1 Hour]**, **[4 Hours]**, **[Day]**, or **[Week]**. Scroll through the calendar to narrow your search even more.
4. Tap on the icons that appear in the calendar to view the clip or image. Tap any picture or video thumbnail for a full-size view of that picture or video clip.

<http://www.centurylink.com/assets/pdfs/Smart Home Complete User Guide.pdf>

16. The at least one server necessarily includes a first receiver configured to receive a request message including data indicating requested media content (e.g., the server must have infrastructure to receive a request to store recorded security videos or to stream recorded video on a smartphone; additionally, the request message must contain data that identifies the video to be stored or streamed) and a consumer device identifier corresponding to a consumer device (e.g., the user credentials are used to associate a smartphone and user account to particular cameras and the videos they produce). Certain aspects of these elements are illustrated in the

screen shot below and/or in screen shots provided in connection with other allegations herein.

Access your interactive home security system through your personal, secure webpage. Check the status of your home, arm and disarm your system, see live video of your home, view video clips and pictures, change settings and much more from anywhere you have Internet access.



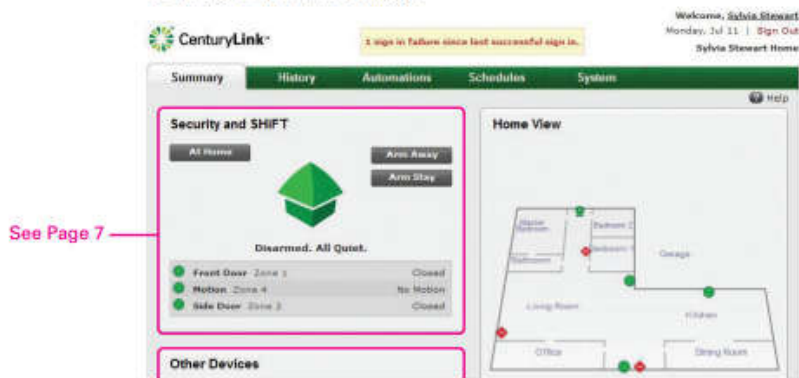
### Signing In

You will need to sign in each time you access the website.

1. Go to **bbsecurity.centurylink.com**
2. Enter your Username and Password.
3. Click **[Sign In]**.
4. You can bypass security questions by selecting **[Next]**.

### Website Summary Tab

The Summary tab provides a snapshot overview of your entire system. From this page, you can view general status information about your home and security system, and access various tabs to change system settings.



<http://www.centurylink.com/assets/pdfs/Smart Home Complete User Guide.pdf>

17. The Product necessarily includes a first processor in communication with the first receiver, the first processor configured to determine whether the consumer device identifier corresponds to the registered consumer device (e.g., the server must authenticate a user's account credentials and ensure that those credentials match those registered with a security camera which a user would like to access).

18. The Product provides for both media downloads and/or storage, and media streaming. A processor within the Product necessarily determines if a consumer device identifier

corresponds to the registered consumer device (e.g., the processor determines if a smartphone is registered to be associated with particular security cameras based upon a user's login credentials). Upon confirming registration, the processor is further configured to determine whether the request message is one of a storage request message and a content request message (e.g., the processor differentiate a user's request to store videos from a user's request to stream live content from the security camera).

19. The server verifies that media content (e.g., specific recording from a specific camera) identified in the media data of the storage request message (e.g., request to record content to the cloud) is available for storage in order to prevent data errors that would result from attempting to store content that is not available for storage (e.g., the server must verify that a particular security camera is adequately connected to the Internet as to allow for video recording and storage on the cloud; additionally, a user's ability to store video is limited to a certain amount of memory usage based upon their subscription; thus media content may not be available for storage if a user is already above their memory limit). Certain aspects of these elements are illustrated in the screen shot below and/or in screen shots provided in connection with other allegations herein.

	Silver	Gold	Platinum
Introductory Offer Equipment Included*	<a href="#">See Details</a>		
Features	<b>\$34<sup>99</sup></b>	<b>\$44<sup>99</sup></b>	<b>\$54<sup>99</sup></b>
24/7 Monitoring	✓	✓	✓
Web, Smartphone and Tablet Access	✓	✓	✓
SMS Text and Email Alerts	✓	✓	✓
Control Lights and Small Appliances	✓	✓	✓
Motion Detector	✓	✓	✓
Key Fob	✓	✓	✓
Smartplugs	✓	✓	✓
<span style="border: 1px solid red; padding: 2px;">Camera</span>		✓	✓
YOUR CHOICE OF Electronic Door Locks OR Camera			✓
<span style="border: 1px solid red; padding: 2px;">Additional Camera</span>			✓

<http://www.centurylink.com/home/smarthome/>

20. If a customer requests content (e.g., live streaming of media content), then a processor within the Product necessarily initiates delivery of the content to the customer’s device. The server will initiate delivery of the requested media content to the consumer device (e.g., stream live camera feed to a smartphone or tablet) if the request message is a content request message (e.g., request for live streaming).

21. The media data includes time data that indicates a length of time to store the requested media content (e.g., a user is allowed to store videos for maximum of 30 days and the number of camera’s as based upon their subscription level (e.g., additional camera’s in Platinum subscription level)).

22. The server must first determine whether the requested media content exists prior to initiating delivery in order to prevent data errors that would result from attempting to transmit media content that does not exist (e.g. the server must verify that a particular security camera is

adequately connected to the internet as to allow for video recording and streaming). 23.

After the processor determines whether the requested media content is available, it determines whether there are restrictions associated with the requested media content (e.g., subscription level, component protocols, number of cameras included in the subscription, etc.).

24 Defendant's actions complained of herein will continue unless Defendant is enjoined by this court.

25. Defendant's actions complained of herein is causing irreparable harm and monetary damage to Plaintiff and will continue to do so unless and until Defendant is enjoined and restrained by this Court.

26. Plaintiff is in compliance with 35 U.S.C. § 287.



**PRAYER FOR RELIEF**

WHEREFORE, Plaintiff asks the Court to:

- (a) Enter judgment for Plaintiff on this Complaint on all causes of action asserted herein;
- (b) Enter an Order enjoining Defendant, its agents, officers, servants, employees, attorneys, and all persons in active concert or participation with Defendant who receives notice of the order from further infringement of United States Patent No. 8,856,221 (or, in the alternative, awarding Plaintiff a running royalty from the time of judgment going forward);
- (c) Award Plaintiff damages resulting from Defendant's infringement in accordance with 35 U.S.C. § 284;
- (d) Award Plaintiff pre-judgment and post-judgment interest and costs; and
- (e) Award Plaintiff such further relief to which the Court finds Plaintiff entitled under law or equity.

Dated: August 2, 2018

Respectfully submitted,

*/s/ Jay Johnson*

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**ATTORNEYS FOR PLAINTIFF**

**EXHIBIT A**