

Access Control System Viewer

User Guide



Contents

- 1. Introduction 3
- 2. Abbreviations 3
- 3. System Overview..... 3
- 4. Installation Manual 4
- 5. Using the Access Control System Viewer..... 4
 - 5.1. Starting the Access Control System Viewer 4
 - 5.2. Access Control System Viewer Screen 5
 - 5.3. Filter Tab 6
 - 5.4. Access Control Tab 6
 - 5.4.1. Access Control Server Configuration 7
 - 5.4.2. Add Manufacturer to Event Filter 9
 - 5.4.3. Access Points..... 9
 - 5.4.4. Access Control Users 10
 - 5.5. The Event Window 10
- 6. Issues and Limitations **Error! Bookmark not defined.**
- 7. Troubleshooting Steps 11
- 8. Support..... 11

1. Introduction

This document is the user guide for Access Control System Viewer. The objective of this document is to provide information about the system usage, functions, and configurations.

2. Abbreviations

#	Abbreviation	Definition
1	VMS	Video Management System
2	VX	VideoXpert
3	ACS	Access Control System
4	OCC	Ops Center Client

Table 1: Abbreviations

3. System Overview

The Access Control System Viewer is an OCC Plug-in that enables the communication and data exchange from various Access Control Systems to the VideoXpert system. A server component, called an Access Control Server, communicates directly to the Access Control System and relays information to the Access Control System Viewer while relaying events between the Access Control System and VideoXpert. While the ACS Server handles events, it also provides other information to the Access Control System Viewer, such as user images that the Access Control System Viewer may display in association with events injected by the ACS Server.

An Access Control Server will provide value without the use of the Access Control System Viewer. Events may be passed to/from the ACS and VX and these events may be viewed with the Event Viewer OCC Plug-in or the Admin Portal Events Tab, however, user images, door controls and enhanced Event filters are provided through the Access Control System Viewer Plug-in.

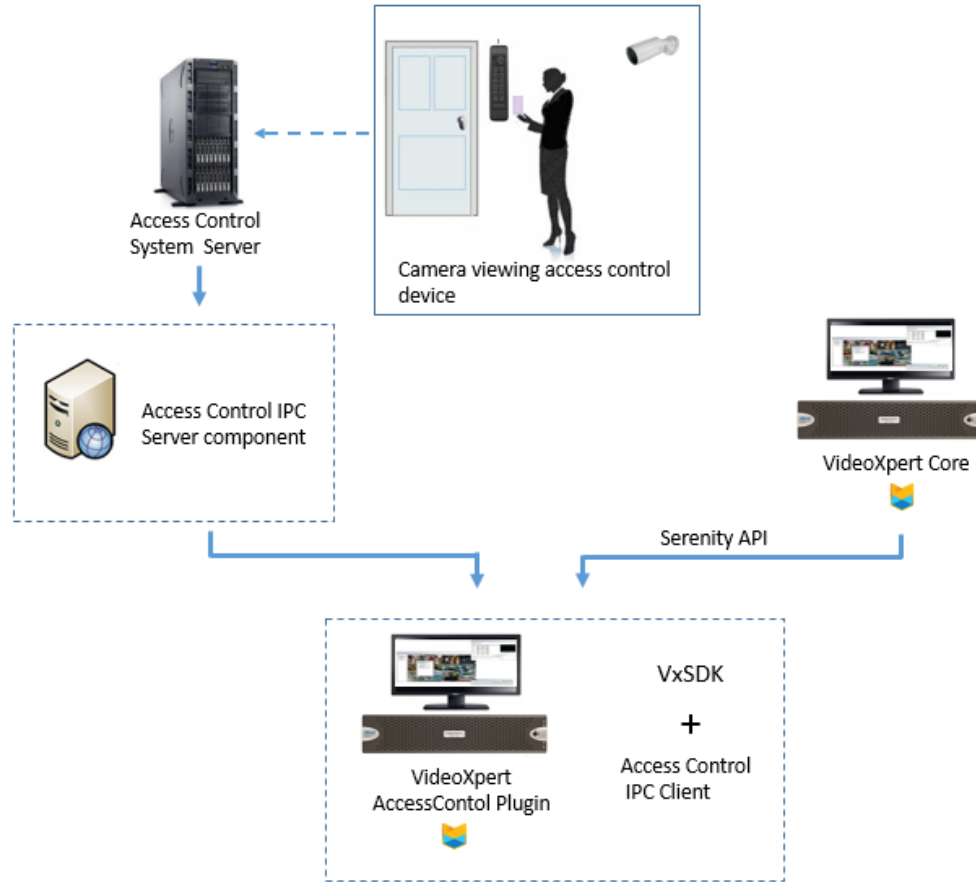


Figure 1: System Overview

4. Installation Manual

Refer *Access Control System Viewer [Installation Manual].docx*

5. Using the Access Control System Viewer

5.1. Starting the Access Control System Viewer

Drag and drop the plug-in into a cell after selecting the Access Control System Viewer from the list of available Plugins.

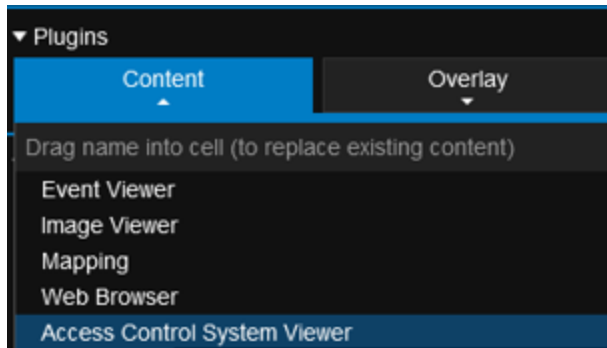




Figure 2: Access Control System Viewer Plug-in

5.2. Access Control System Viewer Screen

The Access Control System Viewer is partitioned vertically into 2 sides. The left side is the Configuration Slider that is used to configure the contents of the Event Window or right side of the screen. The Configuration Slider can also be used to Configure Access Control settings and is capable of displaying users associated to Access Control Events and opening/closing doors associated in the Access Control System.

The Configuration Slider may be moved out of the way to show a full screen containing only the Event Window. The slider may be activated by pressing the  button located at the top of the partition. When the Configuration View is slid out of the way, it may be opened again by pressing the  button located on the left near the top of the screen.

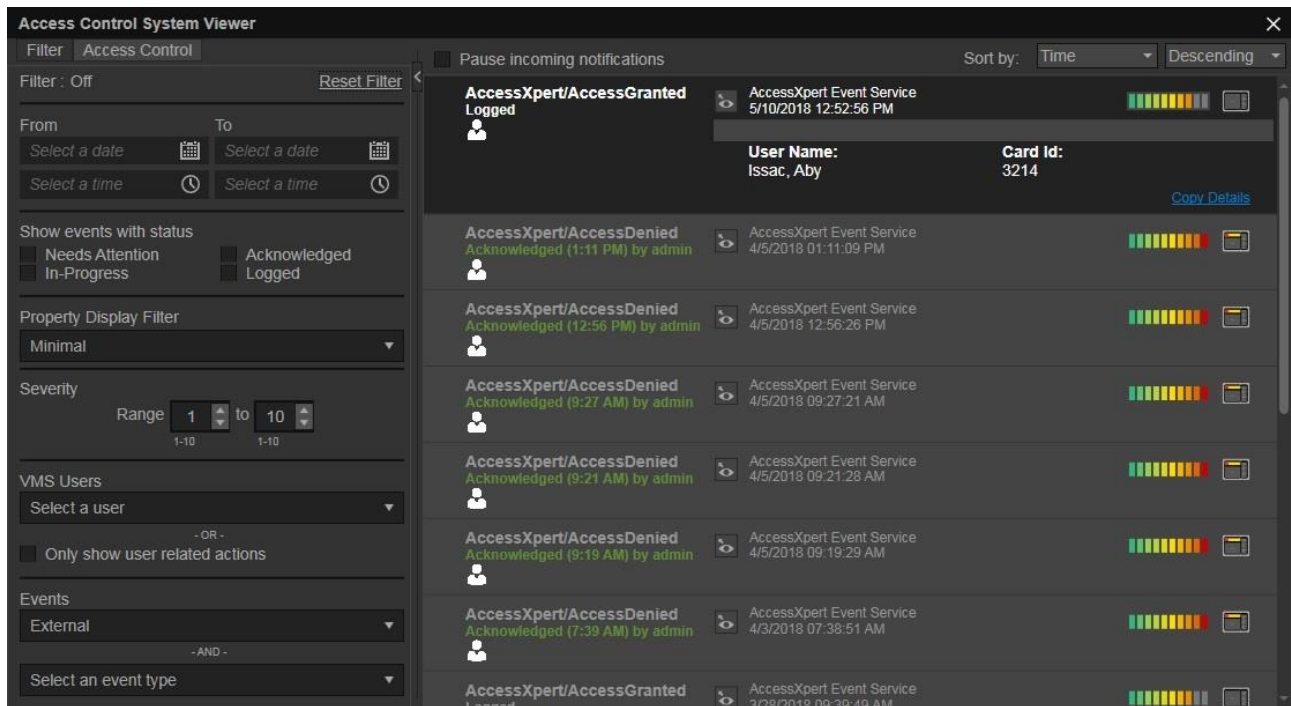


Figure 3: Access Control System Viewer Window with both left and right views shown.

5.3. Filter Tab

The Filter Tab works much like the Event Viewer plugin that comes with the OCC with the addition of the “Property Display Filter”. Filters are for the most part self-explanatory – they filter out results from the Event Window. For detailed explanation of the filters see the Event Viewer Plugin Manual.

5.3.1.1 Property Display Filter

The Property Display Filter is only found in the Access Control System Viewer. In Figure 3, the Property Display Filter is set to ‘Minimal’, which shows minimal details of the Event when it is expanded. ‘Remove IDs’ will remove IDs deemed unnecessary for users to see while ‘None’ does not filter the event properties and shows all properties associated to the event.

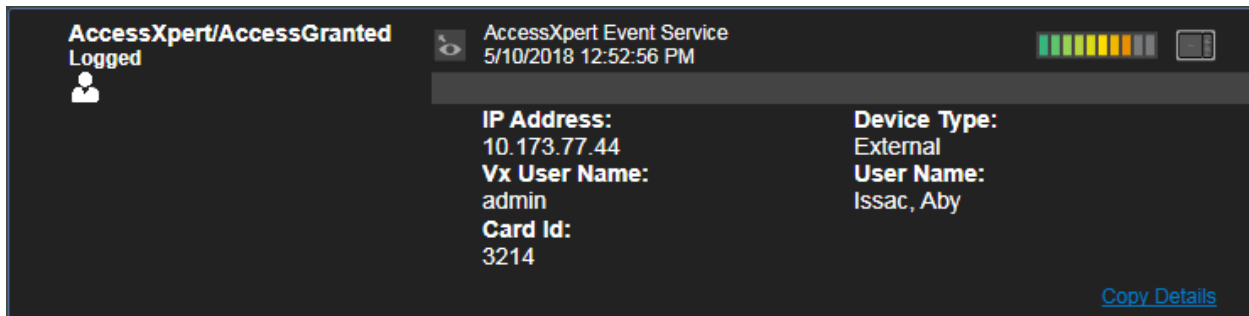


Figure 4: Expanded Event with ‘Remove IDs’ as the Property Filter.

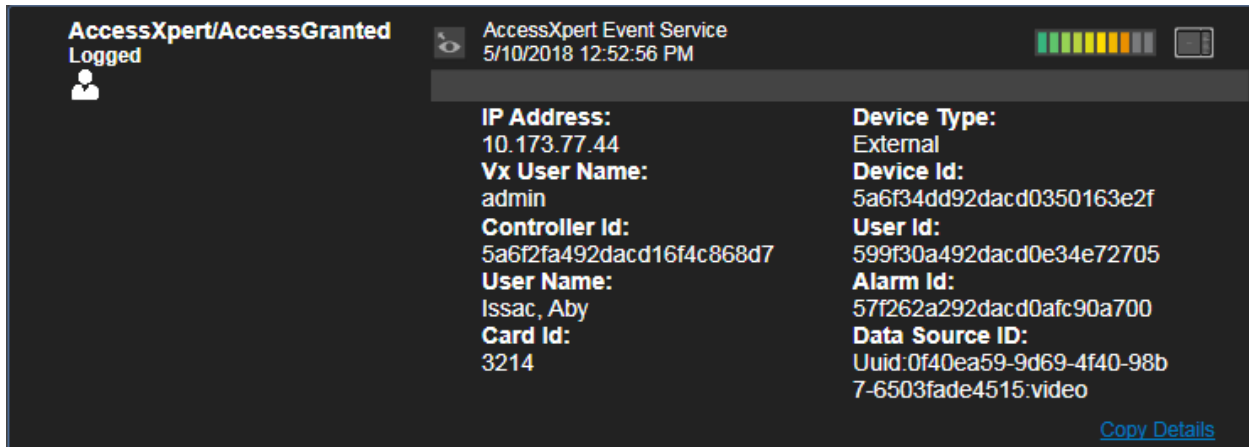


Figure 5: Expanded Event with ‘None’ as the Property Filter.

5.4. Access Control Tab

The Access Control Tab is used to configure communication to an Access Control Server and display information otherwise not available in VideoXpert about the events in the Event Window.

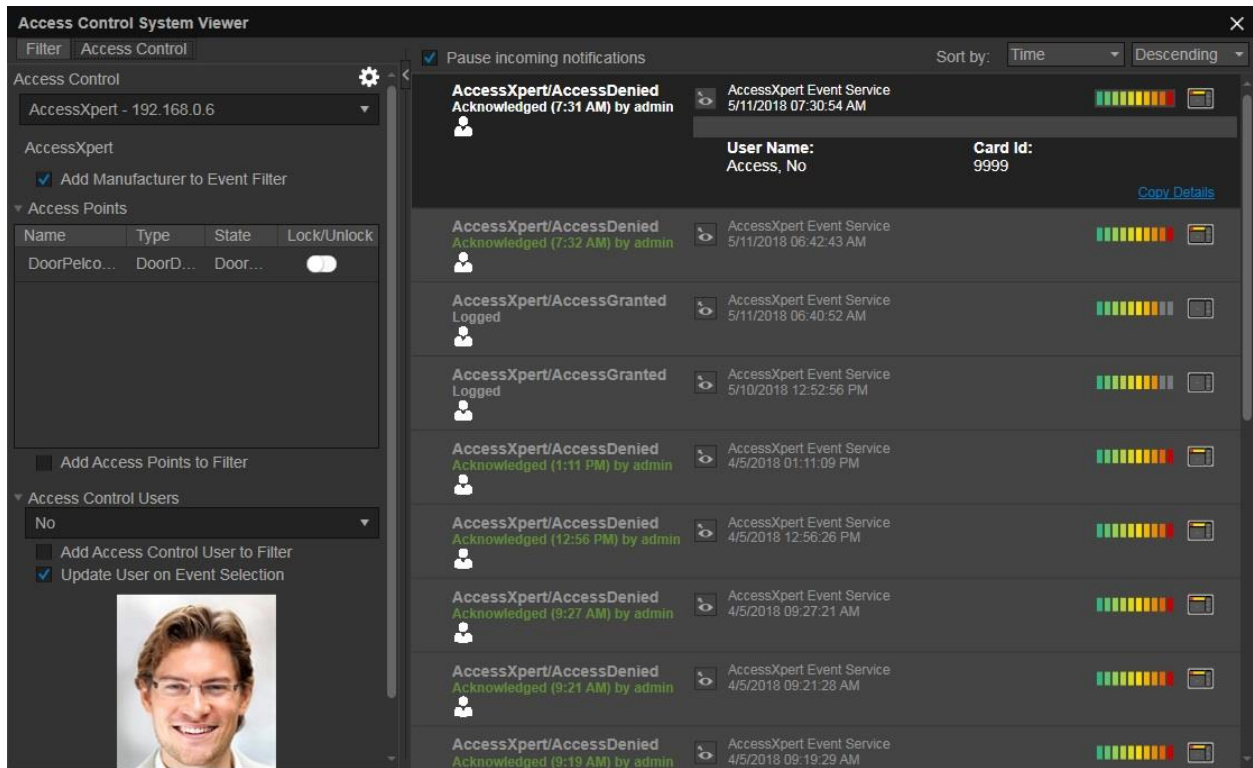



Figure 6: Access Control Tab

5.4.1. Access Control Server Configuration

Access Control Server Settings may be opened to configure the targeted server credentials by clicking the  icon in Access Control tab.

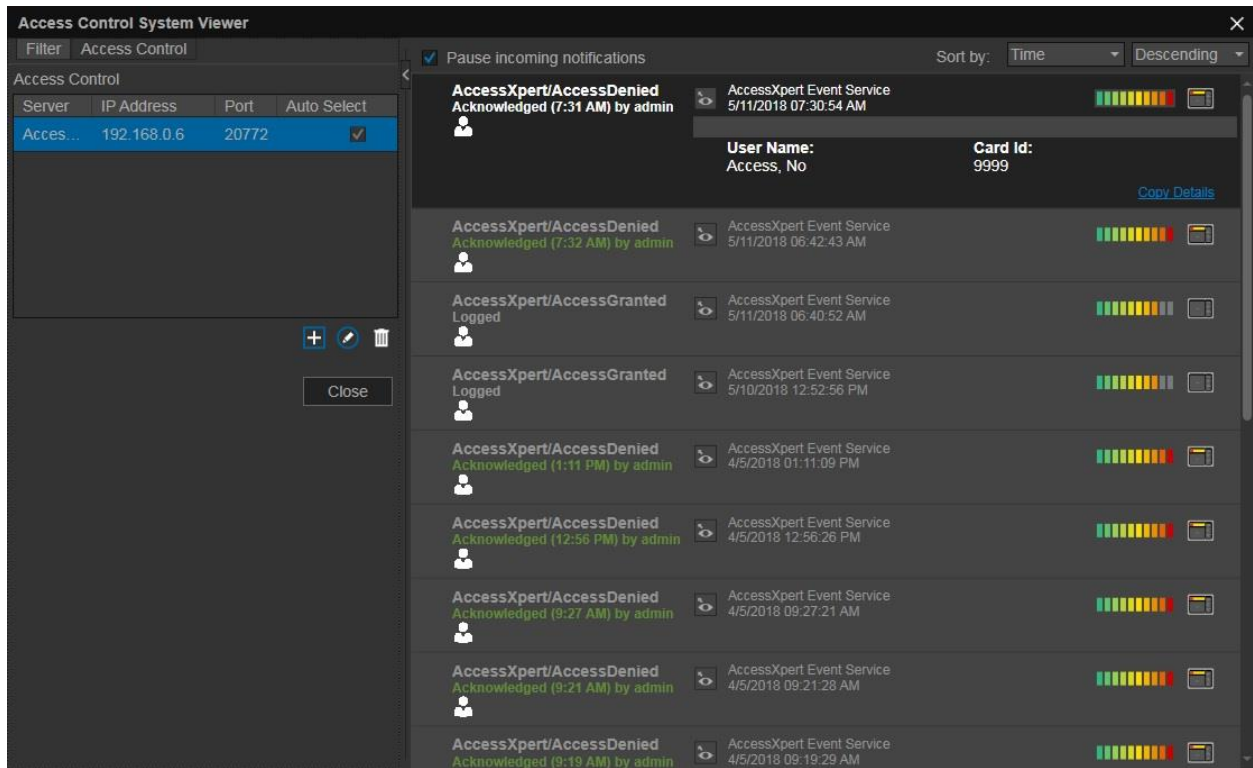



Figure 7: Access Control Servers List

5.4.1.1 Adding an Access Control Server

The Access Control Server Settings shows a list of configured Access Control Servers. You may Add, Edit or Delete Access Control Servers from this list with the icons  respectively. Add or Edit will show details of the Access Control Server Details shown in Figure 8.

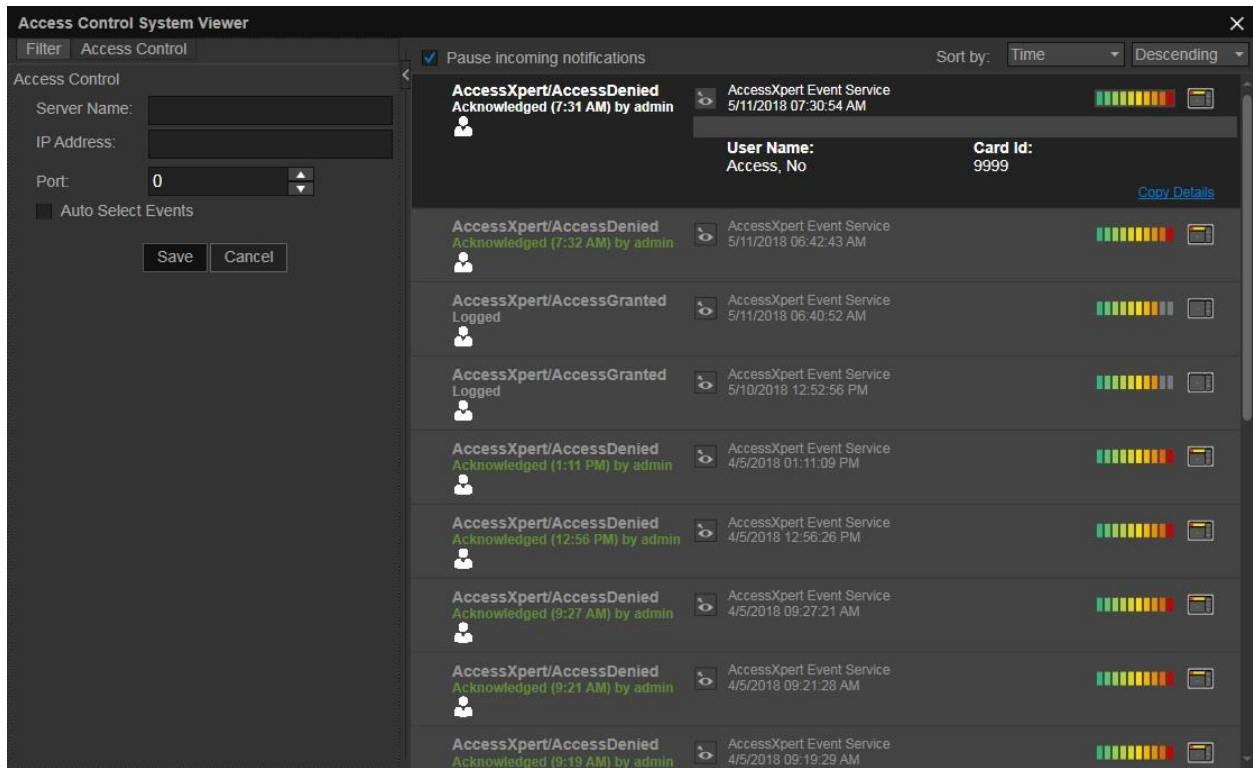


Figure 8: Access Control Server Details

5.4.1.2 Access Control Server Details

Server Name can be any text. Other than for display purposes in the Plugin, it is unused.

IP Address and **Port** should be the address and port of the targeted Access Control Server.

Auto Select Events when checked will cause the most recently added event to the Event Window to be automatically selected and expanded, otherwise events may be selected by double clicking in the Event Window.

Click on the **Save** button after entering the IP Address and Port number of the targeted Access Control Server.

5.4.2. Add Manufacturer to Event Filter

This option adds the Manufacturer or product name to the Event Filter. In Figure 6, only events from AccessXpert will show up in the Event Window.

5.4.3. Access Points

Access Points can be anything that the Access Control Server reports as an Access Point, whether it is a door, gate, or other entryway. All Access Points are listed along with the current known state of the Access Point. The Lock/Unlock button shows the current state and allows the user to toggle Lock/Unlock the door by dragging the button – left for Lock, right for Unlock. The Unlock state appears with a green background.

5.4.4. Access Control Users

The Access Control Users section contains a list of known users of the Access Control System. A user may be selected at any time to display their associated image (if available).

5.4.4.1 Add Access Control User to Filter

This option when checked will only display events associated to the selected Access Control User.

5.4.4.2 Update User On Event Selection

This option when checked will cause the selected user to change whenever an event is selected that has a user of the Access Control System associated to the event. Events may be selected by double-click on the event in the Event Window, or automatically by configuration.

5.5. The Event Window

The Event Window is simply a list of Events meeting the criteria of the filters defined by the Configuration Slider. An Event may be selected and expanded either automatically or by double clicking on an event in the Event List.

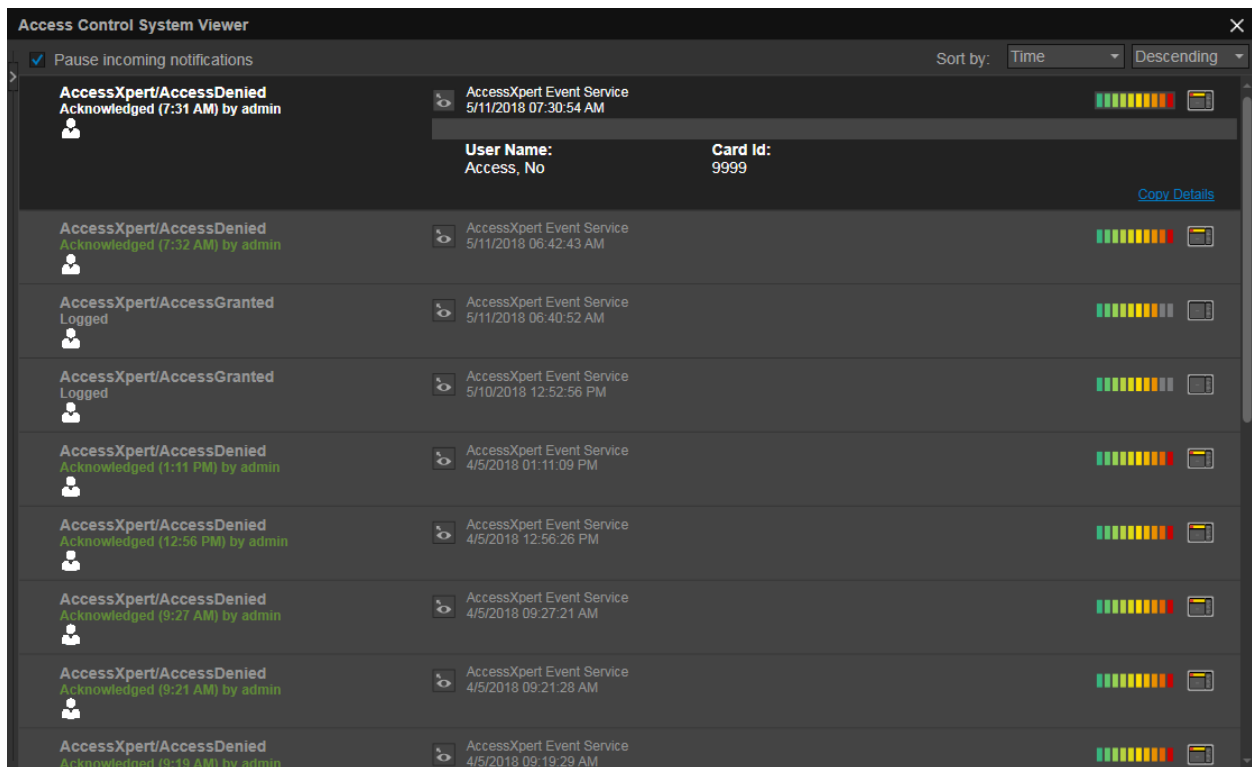



Figure 9: The Event Window shown with the Configuration Slider collapsed

Details of an event may be copied to the clipboard by selecting 'Copy Details' and video associated to an event may be displayed by dragging the  icon to a cell.

Note that 'Pause Incoming Notifications' must be unchecked to automatically receive Events as they come into VideoXpert.

6. Troubleshooting Steps

Manufacturer, Access Points and Access Control User details are not listed in Access Control System Viewer OpsCenter plugin.

1. This scenario occurs when the plugin is unable to communicate to an Access Control Server.

Steps

- a. Ensure the Access Control System Address and Port are correct for the selected Access Control System in the configuration screen.
- b. Make sure the targeted Access Control Server is running.

7. Support

If the instructions provided fail to solve your problem, contact Pelco Product Support at 1-800-289-9100 (USA and Canada) or +1-559-292-1981 (international) for assistance.

REVISION HISTORY

Version	Date	Description	Amended By	Approved By
1.0	19-Sep-2017	Initial Draft	Amaljith TM	Vijo Varghese
1.3.4.0	2-Aug-2018	Updated for version 1.3.4.0	Larry Highman	



Pelco, Inc.
625 W. Alluvial Way
Fresno, CA 93711
USA & Canada Tel (800) 289-9100
Fax (800) 289-9150
International Tel +1(559)292-1931
Fax +1(559)348-1120
www.pelco.com