

VideoXpert Integration – Siemens SiPass

Release Note

RELEASE NOTE

V1.0 | _____ 03-Nov-20



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1. Introduction

This document is the Release Note for VideoXpert Integration with Siemens SiPass. The objective of this document is to provide information about the released version of integration component, its features, installation details and known issues.

2. Abbreviations

#	Abbreviation	Definition
1	VMS	Video Management System
2	VX	VideoXpert
3	VxSDK	VideoXpert Software Development Kit
4	ACS	Access control System

Table 1: Abbreviations

3. About this Release

This release build (v1.0.4) is feature complete, system tested and production ready.

4. Version Information

4.1. Integration Component Version

#	Component Name	Version	Description
1	VideoXpertSiPass_Setup.msi	1.0.6	Siemens SiPass Access Control Integration driver Installer

Table 2: Integration Component Version

4.2. VideoXpert Version

#	Component Name	Version	Remarks
1	VideoXpert Core	3.9.0.191	Nil
2	VideoXpert Professional	3.9.0.191	Nil
3	VideoXpert Media Gateway	3.9.0.191	Nil
4	VideoXpert Storage	3.9.0.191	Nil

5	VxSDK	3.9.0.191	Nil
6	Access Control System Viewer	3.7.1.0	Nil

Table 3: VideoXpert Version

4.3. Siemens SiPass Version

#	Component Name	Version	Remarks
1	Siemens SiPass	2.76 SP2	Nil

Table 4: Siemens SiPass Version

5. System Overview

The proposed solution is an integration driver for Siemens SiPass security management system. This integration allows Siemens SiPass to connect with VideoXpert. The integrated system allows end users to use VideoXpert to access information from Siemens SiPass. VideoXpert users may use Admin Portal or OpsCenter Client to view or acknowledge access control events from Siemens SiPass.

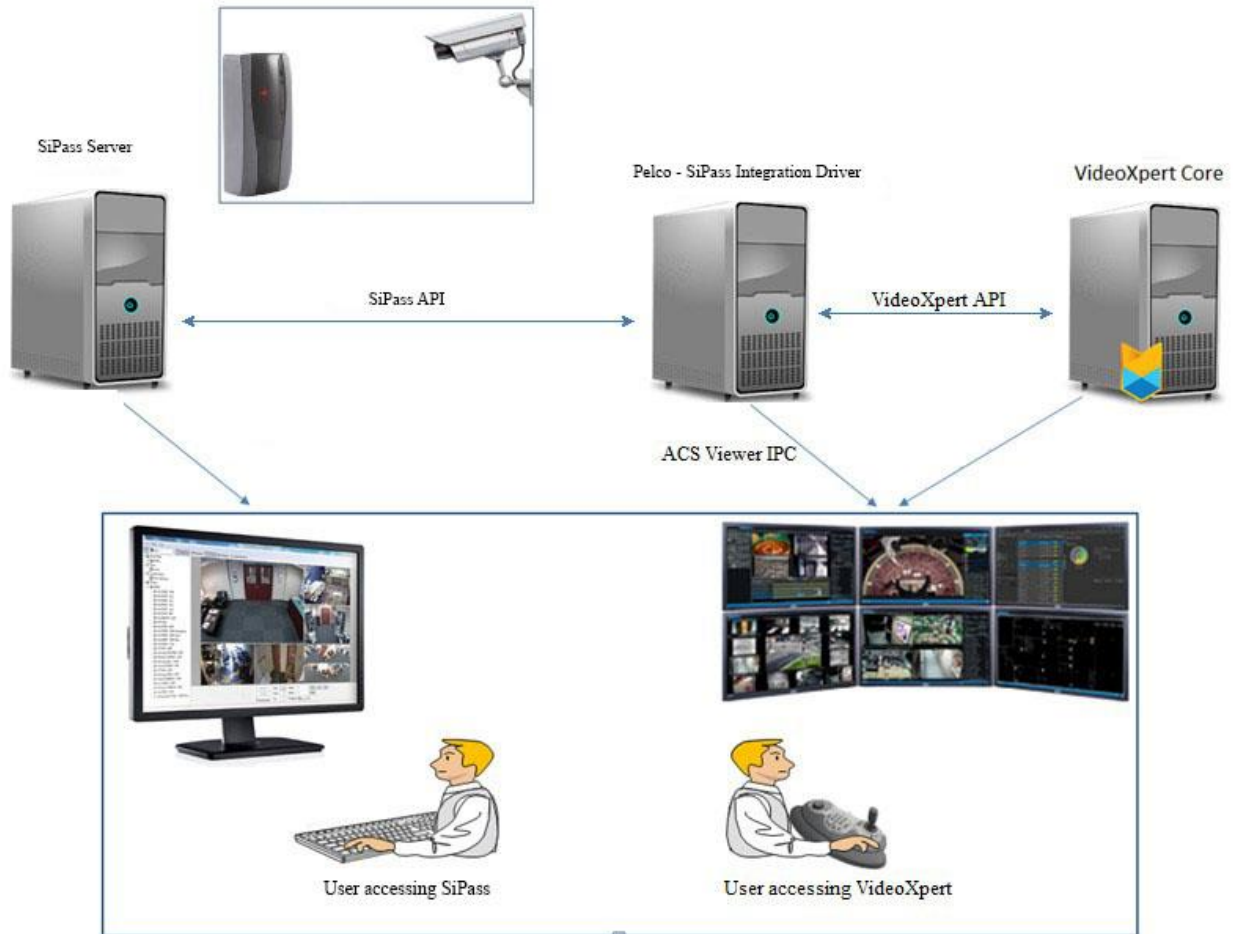


Figure 1: System Overview

The integration driver shall be using VxSDK for all its interfacing needs with VideoXpert. The integration driver also supports Pelco Access Control System Viewer to allow user information retrieval and control functionality of Siemens SiPass devices in VideoXpert. This includes viewing Siemens SiPass access control points and user lists in VideoXpert and sending control commands to the access control points.

6. Installation Manual

Refer *VideoXpert Integration – Siemens SiPass [Installation Manual].docx*

7. User Guide

Refer *VideoXpert Integration - Siemens SiPass [User Guide].docx*

8. Feature Matrix

#	Feature	Support	Remarks
1	Register integration	✓	
2	Register the Siemens SiPass integration with VideoXpert.	✓	
3	Inject alarms from Siemens SiPass into VideoXpert.	✓	
4	Acknowledge VideoXpert events from Siemens SiPass.		
5	Acknowledge Siemens SiPass alarms from VideoXpert.	✓	
6	View Live video from Pelco cameras		
7	View playback from Pelco Recorders		
8	Playback commands (Pause, Rewind, Forward, Seek)		
9	Export Video		
10	Snapshot of a video		
11	Pan-Tilt-Zoom operations		
12	Executing Presets		
13	Create and Execute Video Tours		
14	Receive events from VideoXpert		
15	Video query		
16	Receive & acknowledge alarms (motion, analytics, physical alarms) from VideoXpert to Siemens SiPass.		
17	Receive & acknowledge video loss (online/offline) events from VideoXpert to Siemens SiPass.		
18	Log information and errors	✓	

19	View Siemens SiPass Access Points in VideoXpert	✓	Using Pelco Access Control System Viewer
20	View Siemens SiPass Users in VideoXpert	✓	Using Pelco Access Control System Viewer
21	Control Siemens SiPass Access Points in VideoXpert	✓	Using Pelco Access Control System Viewer

Table 5: Feature Matrix

9. Issues and Limitations

- Only 1 linked camera is supported in VideoXpert per Siemens SiPass access control point. The configuration allows multiple cameras to be associated but only the first is available in VideoXpert to view video.
- If SiPass is allowed only one connection from its license, the service will have to be stopped before any modification to the Linked Cameras or Situations is done in the Server Configuration application.
- In VideoXpert user photos will be refreshed every 5 minutes.

10. References

#	Documents/Inputs	Description
1	Discussions	Technical and requirement analysis discussions between all internal and external stakeholders.
2	VideoXpert SDK	Documentation of VideoXpert SDK
3	VideoXpert integration experience	Learnings from the development and testing of VideoXpert integration modules.

Table 6: References

11. 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.

12. Copyright Notice

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REVISION HISTORY

Version	Date	Description	Amended By	Approved By
1.0	24-Sep-20	Initial Draft	Kostas Papadopoulos	
	03-Nov-20	Update and Review	Simon Graydon	



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