

Course Outline

Security Center – AutoVu Fixed 5.9 Technical Certification	
Code	SC-AFC-001 (5.9)
Duration	2 days (1.5 hours online + 14 hours classroom)
Target audience	Technicians, Administrators, and IT Professionals
Prerequisites	CompTIA's Network+, Cisco CCENT, or equivalent network training is recommended. An online IT skills quiz is available to ensure baseline IT skills are met.
Objectives	<p><u>Upon successful completion of this course, the participant will be able to:</u></p> <ul style="list-style-type: none">• Understand License Plate Recognition (LPR) technology fundamentals and mechanics• Install and configure a basic Security Center system with Fixed Sharp Cameras• Manage Sharp camera connectivity and Security Center• Configure Hotlists• Configure Parking Management (AutoVu Free-Flow)• Configure Virtual Loops & Region of Interest• Configure speed estimation for SharpV• Understand available fixed design options and tools• Understand matcher settings
Certification	An open-book exam will be given at the end of this course.

Topic	Description
<p>Security Center software Installation (25 min online video prerequisite) https://youtu.be/9Xb8FuLN9L8</p>	<ul style="list-style-type: none"> • Documentation • Software requirements • Workstation installation • Server installation <ul style="list-style-type: none"> • <i>Server Admin</i> application • Server licensing
<p>Security Center Architecture (50 min online video prerequisite) https://youtu.be/bGRUVNNcFkE</p>	<ul style="list-style-type: none"> • What does a Security Center server do? • Role-based server architecture • Basic video architecture • Basic access architecture
<p>Module 1: <i>Security Center & LPR</i></p>	<ul style="list-style-type: none"> • Security Center components needed for AutoVu <ul style="list-style-type: none"> ◦ Archiver role ◦ LPR Manager role • LPR Manager setup • Archiver setup for LPR • Security Desk Reports & Customization • Hit processing
<p>Module 2: <i>SharpV Hardware and Installation</i></p>	<ul style="list-style-type: none"> • SharpV Overview • SharpV Physical installation • Field of View tool • Sharp Read Processing <ul style="list-style-type: none"> ◦ Contexts ◦ Illumination ◦ Performance expectations
<p>Module 3: <i>SharpV Basic Configuration</i></p>	<ul style="list-style-type: none"> • Logging into a SharpV • Basic steps to configuring a SharpV • Adding SharpV to Security Center • Sharp maintenance and updates
<p>Module 4: <i>Hotlist Creation</i></p>	<ul style="list-style-type: none"> • What is a hotlist • Configuration of a basic hotlist • Fixed Length Lists • Hotlist troubleshooting
<p>Module 5: <i>Matcher Settings</i></p>	<ul style="list-style-type: none"> • What is the Fuzzy Matcher • Matchersettings file introduction • PerLength settings • OCR equivalencies & differences • Applying Matcher settings
<p>Module 6: <i>Advanced SharpV Configuration</i></p>	<ul style="list-style-type: none"> • Security and SharpV • Region of Interest • Virtual Loops • Dual-Lane configuration • Speed Estimation • Diagnostics

Topic	Description
Module 7: <i>Hotlist and Permit Update & Free Flow</i>	<ul style="list-style-type: none"> • What is the Hotlist and Permit Updater • Configuration of the Hotlist and Permit Updater • Free Flow introduction <ul style="list-style-type: none"> ○ What is a Session ○ Free Flow reports ○ Occupancy & enforcement
SC-AFC-001 Exam (65 minutes)	<ul style="list-style-type: none"> • Open Book / Multiple Choice • Passing grade: 80% • 65 minutes