

# Course Outline

Security Center 5.4 – AutoVu Fixed Software Training	
<b>Code</b>	SC-AFS-001 (5.4)
<b>Duration</b>	1.5 Days – Live Webinar or Classroom Training
<b>Target audience</b>	Technicians, Administrators, and IT Professionals involved in projects using Genetec’s Field Services team to install Sharp Cameras.
<b>Prerequisites</b>	CompTIA’s Network+ training (or equivalent) is recommended. An online IT skills quiz is available to ensure baseline IT skills are met
<b>Objectives</b>	<p>Upon successful completion of this course the participant will be able to:</p> <ul style="list-style-type: none"><li>• Understand License Plate Recognition (<b>LPR</b>) technology fundamentals</li><li>• Install and configure a basic Security Center system with LPR capabilities</li><li>• Configure user groups &amp; user accounts with specific privileges</li><li>• Configure Genetec LPR cameras and use embedded advanced features (Region of Interest)</li><li>• Configure Genetec AutoVu Plate Reader Cloud</li><li>• Create and configure hotlists of vehicles to match against reads</li><li>• Monitor reads &amp; hits live in Security Desk, as well as export reports</li><li>• Understand design a reliable and scalable Security Center LPR system</li><li>• Perform system maintenance and troubleshooting to manage a Security Center LPR system</li></ul>
<b>Exam</b>	An open-book, multiple choice exam will be given at the end of this course

Topic	Description
<b>Module 1: Introduction</b>	<ul style="list-style-type: none"> <li>• Intro to Genetec, Security Center &amp; AutoVu</li> <li>• Fundamentals of LPR technology</li> <li>• Current Applications of LPR technology</li> <li>• Genetec LPR Hardware &amp; Plate Reader Cloud Cameras</li> </ul>
<b>Module 2: Software Installation</b>	<ul style="list-style-type: none"> <li>• Intro to Security Center's Role Architecture</li> <li>• Server Admin &amp; License Activation</li> <li>• Configuring Expansion Servers</li> <li>• Introduction to Security Desk &amp; Config Tool Clients</li> </ul>
<b>Module 3: LPR Manager Configuration</b>	<ul style="list-style-type: none"> <li>• Configuration of the LPM Role</li> <li>• Comprehensive configuration of the LPM Role</li> <li>• Root folder / Database management</li> </ul>
<b>Module 4: User Management for LPR</b>	<ul style="list-style-type: none"> <li>• Users, User groups &amp; Partitions</li> <li>• Privileges for the LPM / Patrollers</li> <li>• Best practice</li> </ul>
<b>Module 5: LPR Camera Software Configuration</b>	<ul style="list-style-type: none"> <li>• Sharp Portal User Interface</li> <li>• Configuration of Regions of Interest</li> <li>• Read Strategy &amp; Contexts</li> <li>• Firmware Updates and Plugins</li> <li>• Adding LPR cameras to Security Center</li> </ul>
<b>Module 6: AutoVu Plate Reader Cloud Configuration</b>	<ul style="list-style-type: none"> <li>• AutoVu Plate Reader Cloud Architecture</li> <li>• Supported Cameras</li> <li>• Camera Configuration</li> <li>• Data Storage &amp; Reporting</li> <li>• Maintenance &amp; Troubleshooting</li> </ul>
<b>Module 7: License Plate Matching (Hotlists)</b>	<ul style="list-style-type: none"> <li>• License plate matching discussion</li> <li>• Implementation of a hotlist</li> <li>• Matching process and OCR equivalences</li> <li>• Event-to-action handling</li> </ul>
<b>Module 8: Live Monitoring &amp; Reporting in Security Desk</b>	<ul style="list-style-type: none"> <li>• Viewing &amp; Editing Hotlists through Security Desk</li> <li>• Monitoring Reads &amp; Hits</li> <li>• LPR Reads &amp; Hits Reports</li> <li>• Exporting Reports &amp; Images</li> </ul>

Topic	Description
<b>Module 9: Fixed System Design</b>	<ul style="list-style-type: none"> <li>• Understanding the requirements of an LPR system</li> <li>• Network and database requirements discussion</li> <li>• Scenario and available integration tools</li> </ul>
<b>Module 10: Maintenance and Troubleshooting</b>	<ul style="list-style-type: none"> <li>• Security Center Troubleshooting tools</li> <li>• Using the Move Unit tool</li> <li>• Gathering diagnostic information</li> <li>• GTAP resources</li> </ul>
<b>SC-AFS-001 Exam</b>	<ul style="list-style-type: none"> <li>• Open Book / multiple Choice</li> <li>• 80% to pass</li> <li>• 1 hour</li> </ul>