

## Course Outline

Security Center: Omnicast Technical Certification	
<b>Code</b>	SC-OTC-001 (5.10)
<b>Level</b>	Beginner
<b>Duration</b>	2 days
<b>Target audience</b>	Technicians, Administrators, and IT Professionals
<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><u>Upon successful completion of this course the participant will be able to:</u></p> <ul style="list-style-type: none"> <li>• Install and configure basic Security Center video features in a single-server environment</li> <li>• Configure video roles</li> <li>• Configure encoders &amp; camera hardware</li> <li>• Configure video quality and motion detection</li> <li>• Configure recording options</li> <li>• Configure partitions and user privileges</li> <li>• Configure schedules</li> <li>• Configure alarms</li> <li>• Perform system maintenance &amp; troubleshooting</li> </ul>
<b>Certification</b>	An open-book, practical exam will be given at the end of this course. Each participant will have their own VM server(s). You will be asked to apply specific configurations to your own system. The configurations applied are those that were taught and discussed in course.

Day	Topic	Description
	<b>Security Center Architecture</b> (28 min <b>online</b> video prerequisite) <a href="https://genetctraining.docebosaas.com/learn/home">https://genetctraining.docebosaas.com/learn/home</a> Click: <b>See my courses...</b>	<ul style="list-style-type: none"> <li>• What does a Security Center server do?</li> <li>• Role-based server architecture</li> <li>• Basic video architecture</li> <li>• Basic access architecture</li> <li>• Basic ALPR architecture</li> </ul>
	<b>Security Center Software Installation</b> (23 min <b>online</b> video prerequisite) <a href="https://genetctraining.docebosaas.com/learn/home">https://genetctraining.docebosaas.com/learn/home</a> Click: <b>See my courses...</b>	<ul style="list-style-type: none"> <li>• Documentation</li> <li>• Software requirements</li> <li>• Workstation installation</li> <li>• Server installation               <ul style="list-style-type: none"> <li>◦ <i>Server Admin</i> application</li> </ul> </li> <li>• Server licensing</li> </ul>
DAY 1 (09:00-12:00)	<b>Module 1:</b> <i>Introduction</i>	<ul style="list-style-type: none"> <li>• About training</li> <li>• About Genetec</li> <li>• About Security Center</li> <li>• Genetec Portal</li> <li>• Architecture review</li> </ul>
	<b>Module 2:</b> <i>Camera settings</i>	<ul style="list-style-type: none"> <li>• Adding cameras to the system               <ul style="list-style-type: none"> <li>◦ Unit enrollment tool</li> <li>◦ Manually adding cameras</li> <li>◦ Camera streaming defaults</li> </ul> </li> <li>• Video quality               <ul style="list-style-type: none"> <li>◦ Video compression</li> <li>◦ Video quality</li> <li>◦ Stream usage</li> </ul> </li> <li>• Motion detection</li> </ul>
12:00-13:00 <b>LUNCH BREAK</b>		
13:00 – 14:30 Practical exercises		
DAY 1 (14:00-1600)	<b>Module 3:</b> <i>Additional Configurations</i>	<ul style="list-style-type: none"> <li>• Areas</li> <li>• Schedules</li> <li>• Event &amp; actions               <ul style="list-style-type: none"> <li>◦ Configuring event → action linking</li> </ul> </li> <li>• Live dashboards</li> </ul>
	<b>Module 4:</b> <i>Recording Management</i>	<ul style="list-style-type: none"> <li>• Archiver storage               <ul style="list-style-type: none"> <li>◦ Retention period</li> <li>◦ Recording mode</li> <li>◦ Protecting video archives</li> <li>◦ Archive storage details task</li> </ul> </li> <li>• Archiver resources</li> <li>• Archive Transfer (backup)               <ul style="list-style-type: none"> <li>◦ Backup/Transfer/Retrieve from edge</li> </ul> </li> </ul>
16:00-17:00 Practical exercises		

DAY	Topic	Description
DAY 2 (09:00-12:00)	<b>Module 5:</b> <i>User Management</i>	<ul style="list-style-type: none"> <li>• Users               <ul style="list-style-type: none"> <li>○ Properties</li> <li>○ Access rights</li> <li>○ Privileges</li> <li>○ Advanced</li> </ul> </li> <li>• User Groups</li> <li>• Partitions</li> <li>• Privilege troubleshooter</li> </ul>
	<b>Module 6:</b> <i>Alarm Management</i>	<ul style="list-style-type: none"> <li>• Alarm Configuration</li> <li>• Receiving alarms</li> <li>• Grouping alarms</li> <li>• Triggering alarms</li> <li>• Alarm options</li> <li>• Alarm privileges</li> <li>• Alarm report</li> </ul>
12:00-13:00 <b>LUNCH BREAK</b>		
13:00-14:00 Practical exercises		
DAY 2 (14:-15:00)	<b>Module 7:</b> <i>Maintenance &amp; troubleshooting</i>	<ul style="list-style-type: none"> <li>• Firmware</li> <li>• Visual Reports</li> <li>• <b>Config Tool</b> tools               <ul style="list-style-type: none"> <li>○ Copy Config tool</li> <li>○ Unit replacement tool</li> <li>○ Move unit tool</li> </ul> </li> <li>• Status &amp; diagnostics               <ul style="list-style-type: none"> <li>○ Hardware inventory task</li> <li>○ Camera configuration task</li> <li>○ System status task</li> </ul> </li> <li>• Health monitoring &amp; logs               <ul style="list-style-type: none"> <li>○ Health monitoring</li> <li>○ Health statistics</li> <li>○ Windows Event logs</li> <li>○ Archiver logs</li> </ul> </li> <li>• Linking health events to automated actions</li> <li>• Genetec Portal</li> <li>• GUS (Genetec Update Service)</li> </ul>
	<b>Practical exercises / SC-OTC-001 Exam</b> <b>(15:00-17:00)</b>	<ul style="list-style-type: none"> <li>• Open Book / Practical Exam</li> <li>• Passing grade: 80%</li> <li>• 2 hours</li> </ul>