

Course Outline

Security Center: Omnicast Technical Certification	
Code	SC-OTC-001 (5.7)
Level	Beginner
Duration	2 days
Target audience	Technicians, Administrators, and IT Professionals
Prerequisites	CompTIA's Network+ training (or equivalent) 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">• Install and configure basic Security Center video features in a single-server environment• Configure video roles• Configure encoders & camera hardware• Configure video quality and motion detection• Configure recording options• Configure partitions and user privileges• Configure schedules• Configure alarms• Perform system maintenance & troubleshooting
Certification	A practical exam will be given at the end of this course.

Topic	Description
Module 1: <i>Introduction</i> (30 mins)	<ul style="list-style-type: none"> • Intro to Genetec • Security Center overview • Training information
Module 2: <i>Installation & Architecture</i> (1 hour)	<ul style="list-style-type: none"> • Workstation installation • Server installation <ul style="list-style-type: none"> ○ Server Admin application ○ Server licensing • System architecture <ul style="list-style-type: none"> ○ The Directory role ○ The Archiver role ○ Live / playback video streaming ○ The Media Router role ○ More roles
Module 3: <i>Camera settings</i> (4 hours)	<ul style="list-style-type: none"> • Adding cameras to the system <ul style="list-style-type: none"> ○ Unit discovery tool ○ Camera configuration basics ○ Camera streaming defaults • Video quality <ul style="list-style-type: none"> ○ Video compression ○ Video quality ○ Stream usage • Motion detection
Module 4: <i>Additional Configurations</i> (1½ hours)	<ul style="list-style-type: none"> • Areas • Schedule Management • Event handling <ul style="list-style-type: none"> ○ Configuring event → action linking
Module 5: <i>Recording Management</i> (1 hour)	<ul style="list-style-type: none"> • Archiver storage <ul style="list-style-type: none"> ○ Retention period ○ Recording mode ○ Protecting video archives ○ Archive storage details task • Archiver resources • Archive Transfer (backup) <ul style="list-style-type: none"> ○ Backup/Transfer/Retrieve from edge

Topic	Description
Module 6: <i>User Management</i> (1 hour)	<ul style="list-style-type: none"> • Users <ul style="list-style-type: none"> ○ Properties ○ Access rights ○ Privileges ○ Advanced • User Groups • Partitions
Module 7: <i>Alarm Management</i> (1 hour)	<ul style="list-style-type: none"> • Alarm Configuration • Receiving alarms • Grouping alarms • Triggering alarms • Alarm options • Alarm privileges • Alarm report
Module 8: <i>Maintenance & troubleshooting</i> (2 hours)	<ul style="list-style-type: none"> • Firmware upgrades • Visual Reporting • Config Tool tools <ul style="list-style-type: none"> ○ Copy Config tool ○ Unit replacement tool ○ Move unit tool • Status & diagnostics <ul style="list-style-type: none"> ○ Hardware inventory task ○ Camera configuration task ○ System status task • Health monitoring & logs <ul style="list-style-type: none"> ○ Selecting health event to monitor ○ Viewing messages and events ○ System health statistics • Genetec Portal • GUS (Genetec Update Service)
SC-OTC-001 Exam (2 hours)	<ul style="list-style-type: none"> • Open Book / Practical Exam • Passing grade: 80% • 2 hours