

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