

Course Outline

Security Center – Enterprise Technical Certification	
Code	SC-ETC-001 (5.2)
Duration	2 days
Target audience	Technicians, Administrators, and IT Professionals
Prerequisites	SC-OTC-001 (5.0, 5.1, 5.2) or SC-STC-001 (5.0, 5.1, 5.2)
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 access control features in a multi-server / multi-site environment• Configure Genetec server roles for failover• Install and configure an Omnicast federation• Install and configure a Security Center federation• Configure a Global Cardholder Synchronizer to share cardholder and credential information between independent systems• Understand the available Security Center plugins for external systems' integrations• Understand the available Security Center expansion options like GSC Mobile and Plan Manager• Design a new Security Center video management system• Design a new Security Center access control system
Certification	An open-book, multiple choice exam will be given at the end of this course.

Topic	Description
Module 1: Multi-Site Architectures	<ul style="list-style-type: none"> • Multi-server, multi-site architecture • Installing expansion servers • Assigning roles to expansion servers • Forward & backward compatibility • Network View Task • Video Redirection <ul style="list-style-type: none"> ○ Routes ○ Proxy Configuration ○ Redirector Load Balancing
Module 2: High Availability	<ul style="list-style-type: none"> • Failover Options • Basic Role failover • Failover with DB • Remote database connections • Archiver failover • Auxiliary Archiving • Directory failover • Clustering
Module 3: Federation & GCM	<ul style="list-style-type: none"> • About Federations • Omnicast Federation vs. Security Center Federation • Omnicast Compatibility packs • Federating SV-16 sites • Global Cardholder Management (GCM)
Module 4: Expansion & Customization	<ul style="list-style-type: none"> • Threat levels • Macro & SDK Overview • Security Center Plugins • GSC Mobile • Plan Manager • Intrusion Panel Integration
Module 5: System Design Guidelines	<ul style="list-style-type: none"> • Documentation • Information Gathering • Server Performance and Limitations • Video Considerations • Access Control Considerations
SC-ETC-001 Exam	<ul style="list-style-type: none"> • Open Book / Multiple Choice • Passing grade: 80% • 1 hour