

Course Outline

Security Center – Enterprise Technical Certification	
Code	SC-ETC-001 (5.5)
Duration	2 days
Target audience	Technicians, Administrators, and IT Professionals
Prerequisites	SC-OTC-001 (5.3, 5.4, 5.5) or SC-STC-001 (5.3, 5.4, 5.5)
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 features in a multi-server / multi-site environment• Understand/enable the Directory's TLS and ADFS advanced security features• Understand/configure Archiver encryption• Configure Genetec server roles for failover• Understand Security Center's cloud options• Install and configure an Omnicast federation and/or 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, Sipellia and Map Manager• Design a new Security Center video management 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 • Media Router and Redirectors
Module 2: System security	<ul style="list-style-type: none"> • Security Model • TLS Directory authentication & encryption • Claims based authentication • Archiver encryption
Module 3: 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
Module 4: The Cloud	<ul style="list-style-type: none"> • Cloud Archiving • Stratocast • LPR in the cloud
Module 5: Federation & GCM	<ul style="list-style-type: none"> • About Federations • Federating Stratocast • Global Cardholder Management (GCM)
Module 6: Expansion	<ul style="list-style-type: none"> • Security Center Plugins • GSC Mobile • Plan Manager • Sipelia
Module 7: 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