

Course Outline

Security Center: Enterprise Technical Certification	
Code	SC-ETC-001 (5.10)
Level	Advanced
Duration	2 days
Target audience	Technicians, Administrators, and IT Professionals
Prerequisites	SC-OTC-001 (5.7 - 5.10) or SC-STC-001 (5.7 - 5.10)
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 • Setup and configure video redirectors • Understand/configure Archiver encryption • Configure Genetec server roles for high availability/failover • Understand Security Center's cloud options (Security Center as a Service) • Install and configure a Security Center Federation • Install and configure a Security Center Global Cardholder Synchronizer • Understand the available Security Center plugins for external systems' integrations • Understand and configure the available Security Center expansion options like GSC Mobile, Web Client, and Plan Manager • Design a new Security Center video management system • Design a new Security Center access control system
Certification	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
Day 1 (09:00-12:00)	Module 1: <i>Multi-Site Architectures</i> (2 hours)	<ul style="list-style-type: none"> • Multi-server, multi-site architecture • Installing expansion servers • Assigning roles to expansion servers • Network View Task • Video Redirection • Media Router and Redirectors • Routes
	Module 2: <i>System security</i> (1 hour)	<ul style="list-style-type: none"> • Security Model • Archiver encryption • Cybersecurity • GUS in the Config Tool
Day 1 (13:00-17:00)	Module 3: <i>High Availability</i> (4 hours)	<ul style="list-style-type: none"> • Failover options • Basic role failover • Failover with DB • Remote database connections • Archiver failover • Auxiliary Archiving • Directory failover
Day 2 (09:00-12:00)	Module 4: <i>Security Center as a Service</i> (1 hour)	<ul style="list-style-type: none"> • Cloud Archiving • Stratocast • Federation as a Service • AutoVu Managed Services
	Module 5: <i>Federation & Global Cardholders</i> (1 hours)	<ul style="list-style-type: none"> • About Federations • Federation role • Remote federation configuration • Global Cardholder Synchronizer
	Module 6: <i>Expansion & Customization</i> (2 hours)	<ul style="list-style-type: none"> • External systems' integrations (Plugins) • GSC Mobile • Web Client • Plan Manager
	Module 7: <i>System Design Guidelines</i> (1 hour)	<ul style="list-style-type: none"> • Documentation • Information Gathering • Server Performance and Limitations • Video Considerations • Access Control Considerations • Licensing
Day 2 (13:00-17:00)	SC-ETC-001 Exam (2 hours)	<ul style="list-style-type: none"> • Open Book / Practical Exam • Passing grade: 80% • 2 hours