Course Outline

Security Center: Enterprise Technical Certification	
Code	SC-ETC-001 (5.7)
Level	Advanced
Duration	2 days
Target audience	Technicians, Administrators, and IT Professionals
Prerequisites	SC-OTC-001 (5.0 - 5.7) or SC-STC-001 (5.0 - 5.7)
Objectives	Upon successful completion of this course the participant will be able to: • Install and configure basic Security Center features in a multi-server / multi-site environment • Understand/enable the Directory's TLS • Understand/configure Archiver encryption • Configure Genetec server roles for high availability • Install and configure an Omnicast federation and/or Security Center Federation • Understand Security Center's cloud options • Understand the available Security Center plugins for external systems' integrations • Understand the available Security Center expansion options like GSC Mobile, Web Client Role, Sipelia 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.

Topic	Description
Module 1: Multi-Site *Architectures* (2 hours)	• 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* (2 hour)	• Security Model • TLS Directory authentication & encryption • Claims based authentication • Archiver encryption
Module 3: *High Availability* (3 hours)	• High availability Options • Basic role failover • Failover with DB • Remote database connections • Archiver failover • Auxiliary Archiving • Directory failover
Module 4: *Federation & GCM* (2 hours)	• About Federations • Federating Stratocast • Global Cardholder Management
Module 5: *The Cloud* (1 hour)	• Cloud Archiving • Stratocast • Federation as a Service • AMS
Module 6: *Expansion & Customization* (3 hours)	• Security Center Plugins • GSC Mobile • Web Client Role • Plan Manager • Sipelia
Module 7: *System Design Guidelines* (1 hour)	• Documentation • Information Gathering • Server Performance and Limitations • Video Considerations • Access Control Considerations • Licensing
SC-ETC-001 Exam (2 hours)	• Open Book / Practical Exam • Passing grade: 80% • 2 hour